



# LABOUR FORCE

AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) FRI 28 MAY 1999

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

## NOTES

### FORTHCOMING ISSUES

Issue	Release Date
May 1999	25 June 1999
June 1999	30 July 1999
July 1999	27 August 1999
August 1999	24 September 1999
September 1999	29 October 1999
October 1999	26 November 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.

### CHANGES THIS MONTH

Updated standard error estimates have been produced in this issue. See the article on the following page for more details.

W. McLennan  
Australian Statistician

## INTRODUCTION OF UPDATED STANDARD ERROR ESTIMATES

### INTRODUCTION

As the Labour Force Survey is a sample survey of dwellings, the statistics produced may differ from those that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the *standard error*.

Following each Census of Population and Housing, the ABS selects a new sample for the Labour Force Survey. This is done to ensure that the sample continues to accurately represent the distribution of the Australian population. A new sample, based on the 1996 Census, was phased in over the period September 1997 to April 1998.

The introduction of the 1996 Census based sample provided the opportunity for the ABS to review the models used to calculate standard errors for labour force statistics. The tables in the Technical Notes section have been updated to show standard errors associated with improved models applied to the new sample. This article provides information on the development of these models and resulting standard errors.

### STANDARD ERROR TABLES

Each individual Labour Force estimate has its own standard error. However, space limitations make it impractical to print the standard error of each estimate in the Labour Force publication. Instead, tables of standard errors are supplied to enable readers to approximate the standard error for an estimate. (The Technical Notes section, on pages 53 to 58 of this publication, contains more detailed information on standard errors.)

The standard error tables are derived from a mathematical model, referred to as the standard error model. In general, the size of a standard error increases, but at a lessening rate, as the size of the estimate increases. Put another way, the *relative standard error* (the standard error expressed as a proportion of the estimate) decreases as the size of the estimate increases. The standard error model summarises this relationship between the size of the estimate and its corresponding standard error. Each estimate has its own standard error, and there is some minor variation between standard errors for estimates of the same size. Therefore, the standard error table does not give the actual standard error of a particular estimate, but rather an approximation.

### UPDATED TABLES

With the introduction of a new sample into the Labour Force Survey, the ABS has taken the opportunity to develop more sophisticated standard error models which calculate more accurate standard errors. As estimates of standard errors vary from month to month, several months worth of data from the new sample were used to derive the new models. The new sample was fully introduced in April 1998, and the data for updating the standard error models are based on estimates for the period April 1998 to December 1998.

Table A in the Technical Notes includes standard errors for different size estimates for each of the states and territories, and for overall Australian

estimates. Separate models were calculated for each state and territory using only estimates relating to the particular state or territory. This is done because of differences in distribution of the estimates between the states and territories. Similarly, the Australian standard error model was calculated using overall Australian estimates.

Different regions within the states have their own characteristics which are not necessarily the same as for the state overall. Standard error tables have been produced for each of the regions and are available on request.

In the new standard error tables, standard errors for large estimates are higher than previously published. This is not due to the standard errors of the new sample being higher than those for the previous sample; rather it reflects the improved accuracy obtained from the latest models in the estimation of standard errors, which is particularly evident for large estimates.

Table B in the Technical Notes contains the standard errors for estimates of monthly movements. New models have also been calculated to produce this table, but the differences in the size of the standard errors for the largest estimates are of a far smaller magnitude than for those in table A.

Further information on updated standard errors can be obtained by contacting Rosemary White on (02) 6252 6525.

## LABOUR MARKET IN BRIEF

### TREND ESTIMATES

The trend estimate of employed persons has been rising since June 1997, reaching 8,711,200 in April 1999. Full-time employment has been increasing since June 1997, reaching 6,442,500 in April 1999, while part-time employment has continued to rise, reaching 2,268,700. The trend estimate of unemployment has been falling since August 1998, to stand at 697,100 in April 1999. The trend unemployment rate remained at 7.4%, with the male and female unemployment rates unchanged at 7.5% and 7.3% respectively. The trend participation rate remained steady at 63.0%. The male participation rate remained at 72.7%, while the female participation rate fell to 53.5%.

### EMPLOYMENT

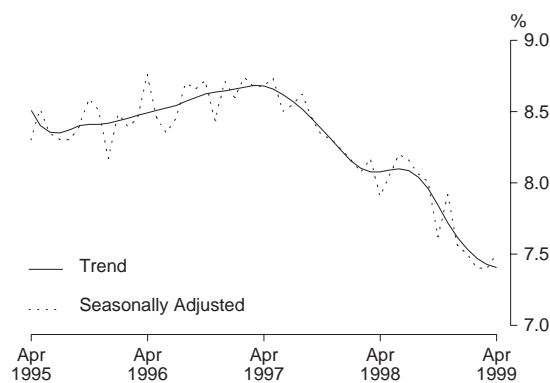
The seasonally adjusted estimate of employment rose by 7,900 to 8,711,100 in April 1999. Full-time employment fell by 9,200 to 6,435,800, with a fall in male full-time employment of 15,900 to 4,313,900. Part-time employment rose by 17,200 to 2,275,400, with female part-time employment rising by 12,200 to 1,644,400.

### UNEMPLOYMENT

The seasonally adjusted estimate of unemployment rose by 11,600 to 707,000 in April 1999. The number of unemployed males rose by 20,000 to 409,200, whereas the number of unemployed females fell by 8,300 to 297,900. The number of unemployed persons seeking full-time work increased by 18,000 to 536,300, and the number of persons seeking part-time work decreased by 6,400 to 170,800.

### UNEMPLOYMENT RATE

In April 1999, the seasonally adjusted unemployment rate rose by 0.1 percentage points to 7.5%. The male rate rose 0.3 percentage points to 7.6%, while the female rate fell 0.3 percentage points to 7.3%.



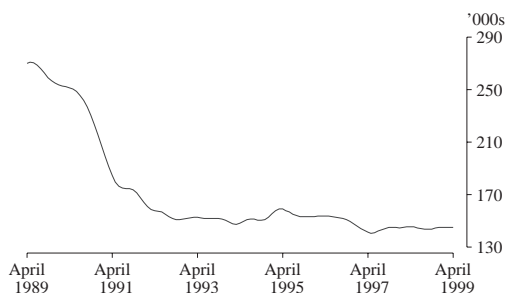
### PARTICIPATION RATE

The seasonally adjusted labour force participation rate increased by 0.1 percentage points, with the rounded level remaining at 63.0% in April 1999. The male participation rate rose by 0.1 percentage points to 72.8%, and the female participation rate rose by 0.1 percentage points to 53.6%.

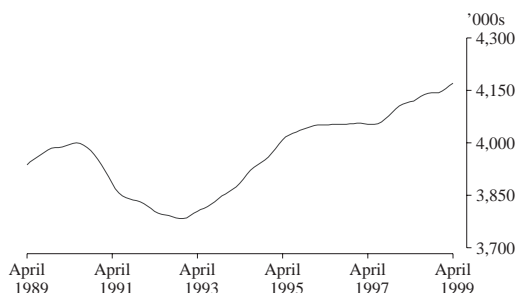
## SELECTED LABOUR FORCE SERIES

MALES EMPLOYED FULL  
TIME: TREND SERIES

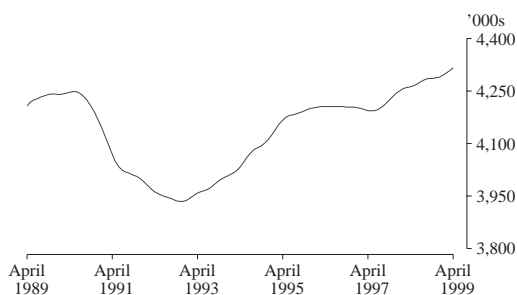
Males aged 15 to 19 The trend estimate for male junior full-time employment peaked at 271,300 in May 1989 before falling, sharply at first, to 147,600 in March 1994. Despite some small periods of recovery, the trend generally declined to a low of 140,800 in May 1997. The trend has since remained relatively flat, and was 145,100 in April 1999.



Males aged 20 and over From a low of 3,783,900 in December 1992, the trend estimate of adult male full-time employment rose steadily at first, then more gradually, to reach 4,053,900 in July 1996. The trend estimate has generally been rising since June 1997, to stand at 4,171,900 in April 1999.



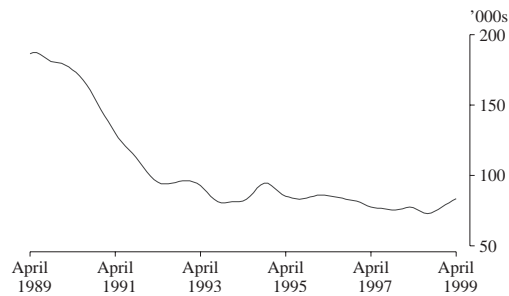
All males The trend estimate of male full-time employment fell to 3,935,300 in December 1992, before rising steadily to 4,207,100 in July 1996. After falling to 4,193,900 in May 1997, the trend has resumed rising, reaching 4,317,000 in April 1999.



FEMALES EMPLOYED FULL  
TIME: TREND SERIES

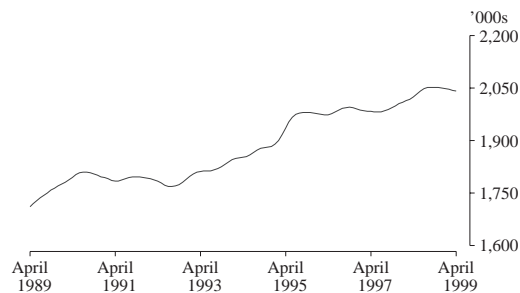
Females aged 15 to 19

From a high of 187,700 in May 1989, the trend estimate of female junior full-time employment fell rapidly to 80,700 in October 1993. After a small recovery in late 1994, the trend continued to decline gradually to 73,100 in August 1998. The trend estimate has risen in recent months, standing at 83,700 in April 1999.



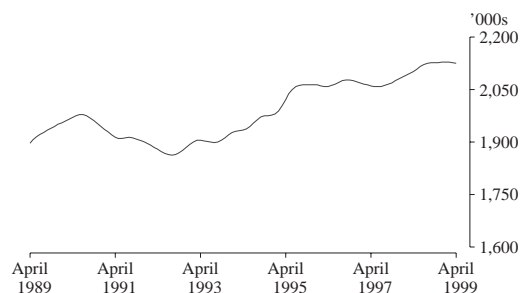
Females aged 20 and over

The trend estimate of female adult full-time employment rose steadily from 1,770,500 in September 1992 to 1,981,300 in September 1995. The trend remained relatively steady until mid 1997, before rising to 2,053,300 in September 1998. The trend has since fallen to 2,041,700 in April 1999.



All females

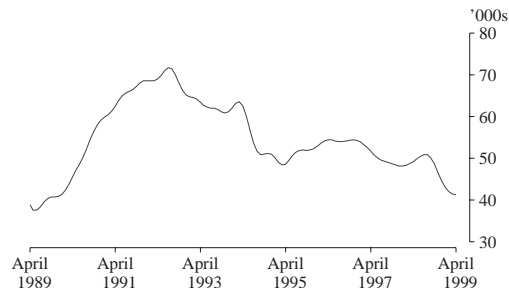
From a low of 1,863,700 in August 1992, the trend estimate of females employed full time generally rose, reaching 2,078,700 in September 1996. After a period of decline between October 1996 and June 1997, the trend estimate rose again, peaking at 2,128,900 in January 1999. In April 1999 the trend estimate stood at 2,125,500.



UNEMPLOYED MALES  
 LOOKING FOR FULL TIME  
 WORK: TREND SERIES

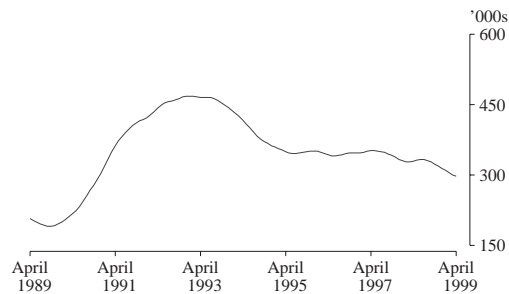
Males aged 15 to 19

The trend estimate of junior males looking for full-time work fell from 71,800 in July 1992 to 48,500 in March 1995. The trend then rose gradually to 54,500 in November 1996, before falling steadily to 48,300 in January 1998. After a short period of growth, the trend has been in decline since August 1998, and stood at 41,300 in April 1999.



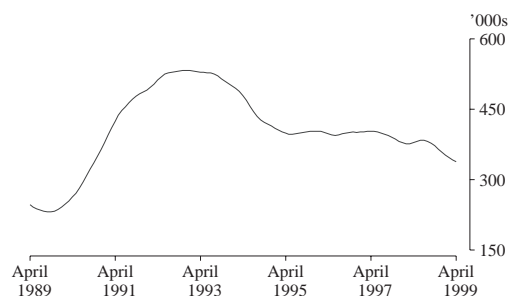
Males aged 20 and over

From a peak of 468,900 in January 1993, the trend estimate of adult males looking for full-time work fell to 346,900 in July 1995. The trend remained relatively steady until May 1997, before falling to 328,500 in March 1998. Following a small rise, the trend has since fallen to 298,100 in April 1999.



All males

The trend estimate of unemployed males looking for full-time work rose to 533,800 in December 1992, before falling steadily to 397,500 in June 1995. The trend remained relatively flat until April 1997, but has since declined to stand at 339,400 in April 1999.

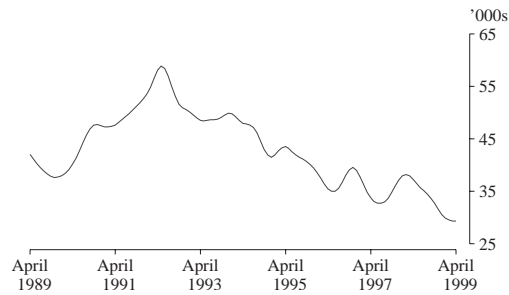




UNEMPLOYED FEMALES  
LOOKING FOR FULL TIME  
WORK: TREND SERIES

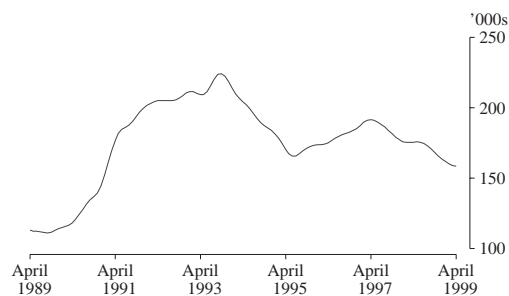
Females aged 15 to 19

From a low of 37,700 in November 1989, the trend estimate of the number of junior females looking for full-time work increased to 58,900 in May 1992. Apart from some short periods of rapid growth in 1996 and 1997, the trend has since generally declined, to stand at 29,400 in April 1999.



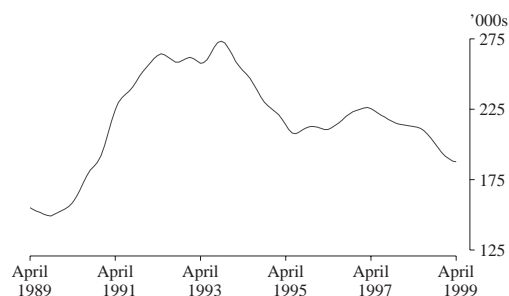
Females aged 20 and over

The trend estimate of adult females looking for full-time work rose to a high of 224,600 in October 1993, before falling sharply to 165,800 in June 1995. After a steady rise to 191,900 in April 1997, the trend has generally been in decline, and stood at 158,700 in April 1999.



All females

From a high of 273,700 in October 1993, the trend estimate of unemployed females looking for full-time work declined rapidly to 208,000 in July 1995. The trend then generally increased to 226,300 in March 1997. Since then, the trend has been falling, and was 188,100 in April 1999.



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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											
1998 —												
February	4,256.4	554.5	4,810.9	30.4	409.6	70.4	479.9	5,290.8	1,938.5	7,229.4	9.1	73.2
March	4,242.3	587.7	4,830.0	27.0	393.7	63.6	457.2	5,287.2	1,951.0	7,238.2	8.6	73.0
April	4,265.0	587.5	4,852.5	24.0	356.7	59.1	415.7	5,268.2	1,978.6	7,246.8	7.9	72.7
May	4,245.1	599.4	4,844.5	28.6	375.0	56.3	431.3	5,275.7	1,979.7	7,255.5	8.2	72.7
June	4,250.2	608.0	4,858.2	28.0	379.3	51.1	430.4	5,288.6	1,975.5	7,264.1	8.1	72.8
July	4,294.0	577.0	4,871.1	25.1	379.2	50.7	429.9	5,301.0	1,971.4	7,272.4	8.1	72.9
August	4,225.9	583.5	4,809.4	23.1	375.9	58.6	434.5	5,243.9	2,036.8	7,280.7	8.3	72.0
September	4,317.0	610.0	4,926.9	23.2	383.7	59.2	442.9	5,369.8	1,919.2	7,289.0	8.2	73.7
October	4,303.2	609.8	4,913.0	22.3	340.4	54.2	394.5	5,307.5	1,991.6	7,299.1	7.4	72.7
November	4,278.1	611.5	4,889.5	21.4	358.5	52.1	410.6	5,300.1	2,009.1	7,309.2	7.7	72.5
December	4,343.3	622.0	4,965.4	32.9	354.7	57.7	412.3	5,377.7	1,941.6	7,319.3	7.7	73.5
1999 —												
January	4,282.3	600.4	4,882.6	36.8	389.5	57.8	447.3	5,329.9	1,998.8	7,328.7	8.4	72.7
February	4,318.0	598.3	4,916.3	27.4	381.0	63.1	444.0	5,360.3	1,977.7	7,338.0	8.3	73.0
March	4,312.1	634.3	4,946.4	23.8	335.8	69.6	405.4	5,351.8	1,995.6	7,347.4	7.6	72.8
April	4,299.2	640.7	4,939.9	22.2	337.3	64.9	402.2	5,342.1	2,015.0	7,357.2	7.5	72.6
Standard error of —												
April 1999 estimates	21.0	9.6	22.8	2.6	7.5	4.0	8.0	24.0	15.1	..	0.1	0.3
Mar 99 to Apr 99 movements	13.9	7.1	14.6	2.1	5.6	3.2	6.0	15.0	10.6	..	0.1	0.2
MARRIED FEMALES												
1998 —												
February	1,196.0	1,017.7	2,213.7	* 0.5	90.0	42.0	132.0	2,345.7	1,943.3	4,289.0	5.6	54.7
March	1,187.4	1,051.6	2,238.9	* 0.4	78.5	38.6	117.1	2,356.1	1,913.7	4,269.7	5.0	55.2
April	1,199.3	1,051.1	2,250.4	* 1.1	75.3	38.8	114.1	2,364.6	1,903.4	4,268.0	4.8	55.4
May	1,196.4	1,055.0	2,251.4	* 0.8	78.4	34.9	113.4	2,364.8	1,911.1	4,275.9	4.8	55.3
June	1,201.6	1,071.8	2,273.4	* 1.0	72.1	41.3	113.4	2,386.8	1,892.3	4,279.1	4.8	55.8
July	1,239.1	1,031.8	2,270.9	* 0.6	71.4	37.1	108.5	2,379.4	1,901.3	4,280.7	4.6	55.6
August	1,219.0	1,042.3	2,261.3	* 1.1	73.1	36.4	109.5	2,370.8	1,914.5	4,285.3	4.6	55.3
September	1,238.8	1,065.6	2,304.4	* 1.4	76.5	38.2	114.7	2,419.1	1,870.1	4,289.2	4.7	56.4
October	1,209.2	1,043.7	2,252.9	* 1.7	66.3	38.7	105.0	2,357.9	1,928.7	4,286.6	4.5	55.0
November	1,217.5	1,042.4	2,259.9	* 2.3	72.7	38.7	111.4	2,371.2	1,932.0	4,303.2	4.7	55.1
December	1,237.0	1,020.2	2,257.2	* 2.4	69.5	31.0	100.5	2,357.7	1,949.9	4,307.6	4.3	54.7
1999 —												
January	1,196.1	957.2	2,153.3	* 1.6	73.9	25.3	99.2	2,252.5	2,045.9	4,298.4	4.4	52.4
February	1,199.0	1,015.5	2,214.5	* 1.3	74.4	46.2	120.5	2,335.1	1,968.6	4,303.7	5.2	54.3
March	1,189.1	1,046.0	2,235.1	* 1.4	71.7	42.4	114.1	2,349.2	1,965.6	4,314.8	4.9	54.4
April	1,176.7	1,051.8	2,228.5	* 1.6	66.1	37.2	103.2	2,331.8	1,992.7	4,324.5	4.4	53.9
Standard error of —												
April 1999 estimates	12.1	11.6	15.7	0.6	4.1	3.2	4.8	16.0	15.0	..	0.2	0.4
Mar 99 to Apr 99 movements	8.8	8.4	11.0	0.8	3.2	2.7	3.8	11.2	10.6	..	0.2	0.3

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

Month	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					
				Aged 15-19 looking for first job	Total							
	ALL FEMALES											
1998 —												
February	2,086.5	1,560.3	3,646.8	24.2	243.7	114.7	358.4	4,005.2	3,459.7	7,464.9	8.9	53.7
March	2,084.2	1,604.6	3,688.8	25.4	229.2	112.6	341.8	4,030.6	3,442.5	7,473.1	8.5	53.9
April	2,098.4	1,623.9	3,722.2	23.2	208.2	109.3	317.5	4,039.8	3,441.5	7,481.3	7.9	54.0
May	2,076.9	1,645.2	3,722.2	20.1	211.6	92.9	304.5	4,026.7	3,462.7	7,489.4	7.6	53.8
June	2,095.8	1,656.6	3,752.3	17.1	199.6	103.7	303.2	4,055.6	3,441.9	7,497.5	7.5	54.1
July	2,158.1	1,609.3	3,767.4	19.2	198.7	95.7	294.4	4,061.8	3,444.1	7,505.9	7.2	54.1
August	2,100.1	1,627.7	3,727.8	17.9	196.2	93.7	289.9	4,017.6	3,496.5	7,514.2	7.2	53.5
September	2,143.1	1,667.4	3,810.5	16.6	207.0	112.4	319.4	4,129.8	3,392.7	7,522.5	7.7	54.9
October	2,126.9	1,651.2	3,778.1	18.9	182.9	105.3	288.2	4,066.3	3,465.7	7,532.0	7.1	54.0
November	2,112.7	1,648.7	3,761.4	19.8	189.7	106.5	296.2	4,057.6	3,484.0	7,541.6	7.3	53.8
December	2,190.0	1,635.9	3,826.0	24.9	194.9	97.0	291.9	4,117.9	3,433.2	7,551.1	7.1	54.5
1999 —												
January	2,139.8	1,530.6	3,670.4	25.7	210.1	97.1	307.2	3,977.6	3,582.5	7,560.1	7.7	52.6
February	2,126.0	1,606.4	3,732.4	22.0	213.0	123.8	336.8	4,069.2	3,499.8	7,569.1	8.3	53.8
March	2,103.2	1,647.7	3,750.9	17.2	198.8	132.2	331.1	4,082.0	3,496.1	7,578.1	8.1	53.9
April	2,110.0	1,663.7	3,773.7	19.0	190.2	112.7	302.9	4,076.7	3,510.5	7,587.2	7.4	53.7
Standard error of —												
April 1999 estimates	15.3	13.9	19.6	2.4	6.0	5.0	7.2	20.4	18.9	..	0.2	0.3
Mar 99 to Apr 99 movements	10.8	9.9	13.3	2.0	4.7	4.0	5.6	13.6	12.9	..	0.1	0.2
PERSONS												
1998 —												
February	6,342.9	2,114.8	8,457.7	54.7	653.2	185.1	838.3	9,296.0	5,398.2	14,694.2	9.0	63.3
March	6,326.5	2,192.3	8,518.8	52.4	622.9	176.1	799.0	9,317.8	5,393.5	14,711.4	8.6	63.3
April	6,363.3	2,211.4	8,574.7	47.2	564.9	168.4	733.3	9,308.0	5,420.1	14,728.1	7.9	63.2
May	6,322.0	2,244.6	8,566.6	48.7	586.7	149.2	735.8	9,302.4	5,442.4	14,744.8	7.9	63.1
June	6,346.0	2,264.5	8,610.5	45.1	578.9	154.8	733.7	9,344.2	5,417.4	14,761.7	7.9	63.3
July	6,452.1	2,186.4	8,638.5	44.3	577.9	146.4	724.3	9,362.7	5,415.5	14,778.2	7.7	63.4
August	6,326.0	2,211.1	8,537.2	41.0	572.1	152.3	724.4	9,261.5	5,533.3	14,794.8	7.8	62.6
September	6,460.0	2,277.3	8,737.4	39.7	590.7	171.6	762.3	9,499.6	5,311.8	14,811.5	8.0	64.1
October	6,430.1	2,261.0	8,691.1	41.1	523.2	159.5	682.7	9,373.8	5,457.3	14,831.1	7.3	63.2
November	6,390.8	2,260.2	8,651.0	41.2	548.1	158.6	706.7	9,357.7	5,493.0	14,850.7	7.6	63.0
December	6,533.4	2,258.0	8,791.3	57.8	549.5	154.7	704.3	9,495.6	5,374.8	14,870.4	7.4	63.9
1999 —												
January	6,422.1	2,131.0	8,553.0	62.5	599.7	154.8	754.5	9,307.5	5,581.2	14,888.8	8.1	62.5
February	6,444.0	2,204.7	8,648.7	49.4	594.0	186.9	780.9	9,429.6	5,477.5	14,907.1	8.3	63.3
March	6,415.4	2,282.0	8,697.3	41.0	534.6	201.8	736.4	9,433.8	5,491.7	14,925.5	7.8	63.2
April	6,409.2	2,304.4	8,713.6	41.3	527.5	177.7	705.2	9,418.8	5,525.5	14,944.3	7.5	63.0
Standard error of —												
April 1999 estimates	27.4	15.9	35.4	3.4	8.9	5.9	9.9	38.1	24.6	..	0.1	0.3
Mar 99 to Apr 99 movements	16.0	11.1	17.9	2.7	6.6	4.7	7.4	18.4	15.2	..	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	Total	Looking for full-time work		Looking for part-time work	Total			
				Aged 15-19 looking for first job	Total - '000 -					
	MALES									
1998 —										
February	4,249.7	580.9	4,830.7	27.2	375.6	63.7	439.3	5,270.0	8.3	72.9
March	4,259.4	579.7	4,839.0	28.4	385.5	55.3	440.8	5,279.8	8.3	72.9
April	4,279.1	578.5	4,857.6	23.5	365.8	57.4	423.2	5,280.8	8.0	72.9
May	4,259.2	590.5	4,849.6	28.9	379.6	58.6	438.2	5,287.8	8.3	72.9
June	4,264.9	590.7	4,855.6	29.3	389.7	56.9	446.6	5,302.2	8.4	73.0
July	4,271.8	586.1	4,857.9	30.0	391.1	57.2	448.3	5,306.2	8.4	73.0
August	4,276.5	578.2	4,854.6	27.7	382.8	65.5	448.4	5,303.0	8.5	72.8
September	4,306.7	596.2	4,902.9	28.3	381.4	55.0	436.4	5,339.3	8.2	73.3
October	4,296.6	606.7	4,903.3	25.8	360.6	56.8	417.3	5,320.6	7.8	72.9
November	4,283.8	611.2	4,894.9	24.8	370.6	57.4	428.0	5,323.0	8.0	72.8
December	4,278.3	622.0	4,900.3	25.2	360.5	54.4	414.9	5,315.2	7.8	72.6
1999 —										
January	4,275.3	632.2	4,907.6	25.6	356.3	53.5	409.8	5,317.4	7.7	72.6
February	4,310.7	627.0	4,937.7	24.6	349.5	57.0	406.5	5,344.2	7.6	72.8
March	4,329.8	626.0	4,955.8	25.1	328.6	60.7	389.2	5,345.0	7.3	72.7
April	4,313.9	631.0	4,944.9	21.8	346.1	63.0	409.2	5,354.1	7.6	72.8
MARRIED FEMALES										
1998 —										
February	1,206.3	1,032.9	2,239.3	n.a.	77.5	36.9	114.3	2,353.6	4.9	54.9
March	1,195.6	1,039.3	2,234.8	n.a.	75.2	35.0	110.3	2,345.1	4.7	54.9
April	1,205.2	1,038.8	2,243.9	n.a.	74.4	36.9	111.2	2,355.2	4.7	55.2
May	1,200.5	1,036.2	2,236.7	n.a.	78.9	36.2	115.1	2,351.8	4.9	55.0
June	1,207.5	1,039.2	2,246.8	n.a.	72.4	42.0	114.4	2,361.1	4.8	55.2
July	1,225.9	1,029.4	2,255.3	n.a.	74.8	39.0	113.7	2,369.0	4.8	55.3
August	1,224.5	1,041.6	2,266.0	n.a.	73.8	37.8	111.7	2,377.7	4.7	55.5
September	1,219.3	1,039.0	2,258.3	n.a.	75.1	35.0	110.1	2,368.4	4.6	55.2
October	1,207.1	1,046.3	2,253.4	n.a.	69.0	38.9	107.9	2,361.3	4.6	55.1
November	1,210.7	1,035.9	2,246.6	n.a.	76.2	37.9	114.2	2,360.8	4.8	54.9
December	1,219.6	1,038.3	2,257.9	n.a.	75.6	35.6	111.2	2,369.1	4.7	55.0
1999 —										
January	1,214.7	1,033.2	2,248.0	n.a.	74.1	29.4	103.5	2,351.5	4.4	54.7
February	1,209.6	1,029.9	2,239.5	n.a.	64.0	40.5	104.6	2,344.0	4.5	54.5
March	1,197.9	1,033.7	2,231.6	n.a.	68.8	38.5	107.3	2,338.9	4.6	54.2
April	1,181.9	1,039.1	2,221.1	n.a.	65.2	35.2	100.5	2,321.5	4.3	53.7
ALL FEMALES										
1998 —										
February	2,093.7	1,593.0	3,686.7	21.1	210.5	98.4	308.9	3,995.6	7.7	53.5
March	2,095.4	1,589.4	3,684.8	23.9	218.6	99.1	317.7	4,002.5	7.9	53.6
April	2,110.2	1,604.9	3,715.1	24.0	208.4	104.6	313.0	4,028.1	7.8	53.8
May	2,091.6	1,621.4	3,713.0	21.1	215.5	95.7	311.2	4,024.2	7.7	53.7
June	2,116.8	1,620.1	3,736.8	20.9	209.3	111.7	321.0	4,057.8	7.9	54.1
July	2,130.7	1,617.6	3,748.3	24.2	211.5	105.0	316.5	4,064.8	7.8	54.2
August	2,133.6	1,633.1	3,766.7	21.8	206.6	101.0	307.6	4,074.3	7.5	54.2
September	2,128.6	1,630.2	3,758.8	19.7	211.1	106.6	317.7	4,076.5	7.8	54.2
October	2,122.8	1,655.0	3,777.8	20.9	192.3	106.4	298.8	4,076.5	7.3	54.1
November	2,108.5	1,628.4	3,736.9	21.1	200.8	113.8	314.6	4,051.5	7.8	53.7
December	2,139.2	1,638.1	3,777.4	19.0	194.8	100.1	294.9	4,072.3	7.2	53.9
1999 —										
January	2,139.4	1,630.7	3,770.1	17.6	193.7	100.4	294.1	4,064.2	7.2	53.8
February	2,133.9	1,639.0	3,772.8	19.2	183.9	106.2	290.1	4,062.9	7.1	53.7
March	2,115.2	1,632.2	3,747.4	16.1	189.7	116.5	306.2	4,053.6	7.6	53.5
April	2,121.9	1,644.4	3,766.2	19.6	190.2	107.7	297.9	4,064.1	7.3	53.6
PERSONS										
1998 —										
February	6,343.4	2,174.0	8,517.4	48.3	586.1	162.1	748.2	9,265.6	8.1	63.1
March	6,354.8	2,169.0	8,523.9	52.2	604.1	154.4	758.5	9,282.4	8.2	63.1
April	6,389.3	2,183.4	8,572.7	47.5	574.2	162.0	736.2	9,308.9	7.9	63.2
May	6,350.8	2,211.8	8,562.6	50.0	595.1	154.3	749.4	9,312.0	8.0	63.2
June	6,381.6	2,210.8	8,592.4	50.2	599.0	168.6	767.6	9,360.0	8.2	63.4
July	6,402.5	2,203.7	8,606.2	54.2	602.5	162.2	764.8	9,371.0	8.2	63.4
August	6,410.0	2,211.3	8,621.3	49.5	589.4	166.6	756.0	9,377.3	8.1	63.4
September	6,435.3	2,226.4	8,661.7	48.0	592.5	161.6	754.1	9,415.8	8.0	63.6
October	6,419.4	2,261.7	8,681.1	46.7	552.9	163.2	716.1	9,397.2	7.6	63.4
November	6,392.3	2,239.6	8,631.9	45.9	571.4	171.2	742.6	9,374.5	7.9	63.1
December	6,417.5	2,260.1	8,677.7	44.2	555.3	154.5	709.8	9,387.5	7.6	63.1
1999 —										
January	6,414.7	2,262.9	8,677.7	43.3	550.0	153.9	703.9	9,381.6	7.5	63.0
February	6,444.6	2,266.0	8,710.6	43.8	533.4	163.2	696.5	9,407.1	7.4	63.1
March	6,445.0	2,258.2	8,703.2	41.2	518.3	177.2	695.5	9,398.7	7.4	63.0
April	6,435.8	2,275.4	8,711.1	41.4	536.3	170.8	707.0	9,418.2	7.5	63.0

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 -									
<b>MALES</b>										
1998 —										
February	4,257.6	580.3	4,837.9	26.4	377.3	59.1	436.4	5,274.3	8.3	73.0
March	4,261.1	581.3	4,842.4	26.8	377.2	58.1	435.3	5,277.7	8.2	72.9
April	4,263.5	582.4	4,846.0	27.3	379.0	57.7	436.8	5,282.7	8.3	72.9
May	4,266.5	583.7	4,850.2	28.0	381.8	57.9	439.7	5,289.8	8.3	72.9
June	4,271.2	585.1	4,856.3	28.5	384.0	58.4	442.4	5,298.7	8.3	72.9
July	4,277.3	586.9	4,864.2	28.6	384.4	58.8	443.2	5,307.5	8.4	73.0
August	4,282.9	590.2	4,873.1	28.3	382.5	58.8	441.2	5,314.3	8.3	73.0
September	4,286.1	596.0	4,882.1	27.5	378.5	58.2	436.7	5,318.8	8.2	73.0
October r	4,287.4	603.8	4,891.2	26.6	372.7	57.0	429.7	5,320.9	8.1	72.9
November r	4,288.3	612.2	4,900.5	25.8	365.8	56.0	421.8	5,322.3	7.9	72.8
December r	4,290.1	619.6	4,909.7	25.3	359.3	55.7	415.1	5,324.8	7.8	72.8
1999 —										
January r	4,294.6	624.8	4,919.4	24.9	353.4	56.3	409.6	5,329.0	7.7	72.7
February r	4,301.6	628.2	4,929.8	24.5	347.7	57.5	405.2	5,335.0	7.6	72.7
March r	4,309.1	630.4	4,939.5	24.0	342.7	59.0	401.8	5,341.3	7.5	72.7
April	4,317.0	631.7	4,948.7	23.6	339.4	60.4	399.8	5,348.5	7.5	72.7
<b>MARRIED FEMALES (a)</b>										
1998 —										
February	1,204.6	1,033.3	2,237.9	n.a.	76.5	35.6	112.1	2,349.9	4.8	54.8
March	1,203.5	1,035.2	2,238.7	n.a.	76.2	36.4	112.6	2,351.3	4.8	55.1
April	1,204.3	1,036.6	2,240.9	n.a.	75.9	37.3	113.2	2,354.0	4.8	55.2
May	1,207.3	1,037.2	2,244.5	n.a.	75.4	38.0	113.4	2,357.9	4.8	55.1
June	1,211.7	1,037.4	2,249.1	n.a.	74.8	38.3	113.1	2,362.2	4.8	55.2
July	1,215.6	1,037.8	2,253.4	n.a.	74.2	38.6	112.8	2,366.2	4.8	55.3
August	1,217.9	1,038.7	2,256.6	n.a.	74.0	38.4	112.4	2,369.0	4.7	55.3
September	1,218.3	1,039.6	2,257.9	n.a.	74.0	37.7	111.6	2,369.5	4.7	55.2
October r	1,217.6	1,039.6	2,257.2	n.a.	74.0	36.8	110.8	2,367.9	4.7	55.2
November r	1,215.7	1,038.5	2,254.2	n.a.	73.7	36.2	109.8	2,364.0	4.6	54.9
December r	1,212.6	1,036.8	2,249.4	n.a.	72.7	35.9	108.7	2,358.1	4.6	54.7
1999 —										
January r	1,208.9	1,035.1	2,244.0	n.a.	71.3	36.0	107.3	2,351.3	4.6	54.7
February r	1,205.1	1,034.1	2,239.2	n.a.	69.6	36.2	105.7	2,344.9	4.5	54.5
March r	1,201.5	1,033.8	2,235.3	n.a.	67.8	36.4	104.2	2,339.5	4.5	54.2
April	1,198.8	1,033.8	2,232.6	n.a.	66.4	36.5	102.9	2,335.5	4.4	54.0
<b>ALL FEMALES</b>										
1998 —										
February	2,091.7	1,593.3	3,685.0	22.8	213.8	101.4	315.2	4,000.3	7.9	53.6
March	2,096.5	1,597.9	3,694.3	22.8	213.4	101.5	314.9	4,009.2	7.9	53.6
April	2,102.3	1,604.1	3,706.4	22.7	213.0	101.9	314.9	4,021.4	7.8	53.8
May	2,109.5	1,611.5	3,721.0	22.6	212.5	102.5	315.0	4,036.0	7.8	53.9
June	2,116.5	1,619.1	3,735.7	22.3	211.5	103.5	315.1	4,050.7	7.8	54.0
July	2,121.9	1,625.9	3,747.8	22.0	209.8	104.9	314.7	4,062.5	7.7	54.1
August	2,125.1	1,631.3	3,756.4	21.6	207.5	106.0	313.5	4,069.9	7.7	54.2
September	2,127.0	1,635.1	3,762.0	21.2	204.6	106.1	310.7	4,072.7	7.6	54.1
October r	2,127.9	1,637.0	3,764.9	20.6	201.2	105.8	307.0	4,071.9	7.5	54.1
November r	2,128.3	1,637.4	3,765.7	19.9	197.6	105.6	303.1	4,068.8	7.4	54.0
December r	2,128.5	1,636.8	3,765.3	19.2	194.4	105.7	300.1	4,065.4	7.4	53.8
1999 —										
January r	2,128.9	1,636.0	3,765.0	18.7	191.9	106.2	298.1	4,063.1	7.3	53.7
February r	2,128.5	1,636.0	3,764.5	18.3	190.0	107.1	297.0	4,061.5	7.3	53.7
March r	2,127.1	1,636.7	3,763.8	18.0	188.5	108.1	296.6	4,060.4	7.3	53.6
April	2,125.4	1,637.0	3,762.4	17.8	188.1	109.2	297.4	4,059.8	7.3	53.5
<b>PERSONS</b>										
1998 —										
February	6,349.3	2,173.6	8,522.9	49.2	591.1	160.5	751.7	9,274.6	8.1	63.1
March	6,357.6	2,179.2	8,536.8	49.6	590.6	159.6	750.2	9,286.9	8.1	63.1
April	6,365.9	2,186.5	8,552.4	50.1	592.1	159.6	751.7	9,304.1	8.1	63.2
May	6,375.9	2,195.2	8,571.1	50.6	594.3	160.4	754.7	9,325.8	8.1	63.2
June	6,387.7	2,204.3	8,591.9	50.8	595.6	161.9	757.5	9,349.4	8.1	63.3
July	6,399.2	2,212.9	8,612.1	50.6	594.3	163.7	757.9	9,370.0	8.1	63.4
August	6,408.0	2,221.6	8,629.6	49.9	590.0	164.7	754.7	9,384.2	8.0	63.4
September	6,413.0	2,231.1	8,644.1	48.7	583.1	164.3	747.4	9,391.5	8.0	63.4
October r	6,415.4	2,240.8	8,656.1	47.3	573.9	162.8	736.7	9,392.8	7.8	63.3
November r	6,416.5	2,249.6	8,666.2	45.7	563.4	161.6	725.0	9,391.1	7.7	63.2
December r	6,418.6	2,256.5	8,675.0	44.5	553.8	161.4	715.2	9,390.2	7.6	63.1
1999 —										
January r	6,423.5	2,260.8	8,684.4	43.6	545.3	162.5	707.8	9,392.1	7.5	63.1
February r	6,430.0	2,264.2	8,694.3	42.8	537.7	164.5	702.2	9,396.5	7.5	63.0
March r	6,436.2	2,267.2	8,703.3	42.0	531.2	167.2	698.4	9,401.7	7.4	63.0
April	6,442.5	2,268.7	8,711.2	41.4	527.5	169.6	697.1	9,408.3	7.4	63.0

(a) See Explanatory Notes, paragraph 32.

**TABLE 4. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:  
MARITAL STATUS, APRIL 1999**

	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>	4,299.2	640.7	4,939.9	337.3	64.9	402.2	5,342.1	2,015.0	7,357.2	7.5	72.6
Married	2,903.2	241.8	3,145.0	131.6	11.9	143.5	3,288.5	1,120.3	4,408.8	4.4	74.6
Not married	1,396.0	398.9	1,794.9	205.7	53.0	258.7	2,053.6	894.7	2,948.3	12.6	69.7
<i>Females</i>	2,110.0	1,663.7	3,773.7	190.2	112.7	302.9	4,076.7	3,510.5	7,587.2	7.4	53.7
Married	1,176.7	1,051.8	2,228.5	66.1	37.2	103.2	2,331.8	1,992.7	4,324.5	4.4	53.9
Not married	933.3	611.9	1,545.2	124.1	75.5	199.7	1,744.9	1,517.8	3,262.6	11.4	53.5
<b>Persons</b>	<b>6,409.2</b>	<b>2,304.4</b>	<b>8,713.6</b>	<b>527.5</b>	<b>177.7</b>	<b>705.2</b>	<b>9,418.8</b>	<b>5,525.5</b>	<b>14,944.3</b>	<b>7.5</b>	<b>63.0</b>

**TABLE 5. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:  
STATES AND TERRITORIES, APRIL 1999**

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					
<b>MALES</b>											
New South Wales	1,456.1	201.7	1,657.8	95.6	19.9	115.5	1,773.3	713.3	2,486.6	6.5	71.3
Victoria	1,065.9	163.8	1,229.7	91.6	19.7	111.3	1,341.0	491.9	1,832.9	8.3	73.2
Queensland	806.1	119.3	925.4	67.9	12.9	80.8	1,006.2	352.0	1,358.2	8.0	74.1
South Australia	316.4	50.9	367.4	31.5	3.7	35.2	402.5	182.1	584.6	8.7	68.9
Western Australia	446.3	67.3	513.6	32.1	5.7	37.8	551.4	176.3	727.7	6.9	75.8
Tasmania	93.4	16.6	110.0	11.7	1.9	13.6	123.6	56.7	180.4	11.0	68.5
Northern Territory	47.0	8.4	55.5	1.6	* 0.3	1.9	57.3	15.0	72.3	3.3	79.2
Australian Capital Territory	67.8	12.7	80.5	5.2	1.1	6.2	86.7	27.8	114.5	7.2	75.7
<i>Australia</i>	<i>4,299.2</i>	<i>640.7</i>	<i>4,939.9</i>	<i>337.3</i>	<i>64.9</i>	<i>402.2</i>	<i>5,342.1</i>	<i>2,015.0</i>	<i>7,357.2</i>	<i>7.5</i>	<i>72.6</i>
<b>FEMALES</b>											
New South Wales	726.0	516.6	1,242.6	62.5	36.0	98.5	1,341.2	1,232.0	2,573.2	7.3	52.1
Victoria	520.0	416.8	936.8	45.6	28.2	73.8	1,010.6	902.9	1,913.5	7.3	52.8
Queensland	398.5	322.1	720.6	39.8	21.4	61.2	781.8	601.5	1,383.3	7.8	56.5
South Australia	149.2	138.6	287.8	16.4	7.6	24.0	311.8	299.4	611.3	7.7	51.0
Western Australia	198.3	184.1	382.4	18.1	14.2	32.4	414.8	313.8	728.6	7.8	56.9
Tasmania	44.6	42.8	87.5	4.4	2.8	7.2	94.6	95.0	189.7	7.6	49.9
Northern Territory	26.4	13.5	39.9	1.5	* 0.7	2.3	42.2	23.6	65.8	5.3	64.1
Australian Capital Territory	47.0	29.1	76.1	1.9	1.7	3.6	79.7	42.2	121.9	4.5	65.4
<i>Australia</i>	<i>2,110.0</i>	<i>1,663.7</i>	<i>3,773.7</i>	<i>190.2</i>	<i>112.7</i>	<i>302.9</i>	<i>4,076.7</i>	<i>3,510.5</i>	<i>7,587.2</i>	<i>7.4</i>	<i>53.7</i>
<b>PERSONS</b>											
New South Wales	2,182.1	718.3	2,900.4	158.1	55.9	214.0	3,114.5	1,945.3	5,059.8	6.9	61.6
Victoria	1,585.9	580.6	2,166.6	137.3	47.8	185.1	2,351.6	1,394.8	3,746.5	7.9	62.8
Queensland	1,204.6	441.4	1,646.0	107.7	34.3	142.0	1,788.1	953.4	2,741.5	7.9	65.2
South Australia	465.6	189.5	655.2	47.9	11.3	59.2	714.3	481.5	1,195.8	8.3	59.7
Western Australia	644.6	251.4	896.0	50.3	19.9	70.2	966.2	490.1	1,456.3	7.3	66.3
Tasmania	138.1	59.4	197.5	16.1	4.7	20.8	218.2	151.8	370.0	9.5	59.0
Northern Territory	73.4	22.0	95.4	3.1	1.0	4.1	99.5	38.7	138.1	4.1	72.0
Australian Capital Territory	114.8	41.8	156.6	7.1	2.8	9.8	166.4	70.0	236.4	5.9	70.4
<b>Australia</b>	<b>6,409.2</b>	<b>2,304.4</b>	<b>8,713.6</b>	<b>527.5</b>	<b>177.7</b>	<b>705.2</b>	<b>9,418.8</b>	<b>5,525.5</b>	<b>14,944.3</b>	<b>7.5</b>	<b>63.0</b>

TABLE 6. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:  
STATE CAPITAL CITIES, APRIL 1999

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	970.3	1,093.4	46.3	10.7	57.0	1,150.4	425.2	1,575.6	5.0	73.0
Melbourne	788.6	911.2	65.1	15.3	80.4	991.6	343.8	1,335.4	8.1	74.3
Brisbane	367.3	420.2	33.6	7.5	41.1	461.3	156.6	617.9	8.9	74.7
Adelaide	232.7	268.6	22.4	3.3	25.7	294.3	133.8	428.1	8.7	68.8
Perth	311.2	363.0	24.6	5.1	29.7	392.8	139.7	532.4	7.6	73.8
Hobart	36.4	44.8	5.0	0.8	5.7	50.5	23.6	74.1	11.4	68.2
<b>Total</b>	<b>2,706.6</b>	<b>3,101.2</b>	<b>197.1</b>	<b>42.6</b>	<b>239.8</b>	<b>3,341.0</b>	<b>1,222.6</b>	<b>4,563.6</b>	<b>7.2</b>	<b>73.2</b>
FEMALES										
Sydney	530.4	837.8	36.1	20.5	56.6	894.3	745.2	1,639.5	6.3	54.5
Melbourne	412.0	705.7	33.3	20.6	54.0	759.7	640.8	1,400.5	7.1	54.2
Brisbane	189.9	342.6	20.0	10.0	30.0	372.6	273.1	645.7	8.1	57.7
Adelaide	113.8	215.2	12.3	6.3	18.5	233.7	223.5	457.2	7.9	51.1
Perth	150.0	285.9	12.5	11.5	24.0	309.9	240.3	550.2	7.7	56.3
Hobart	20.9	38.0	1.2	1.2	2.4	40.4	39.9	80.3	6.0	50.3
<b>Total</b>	<b>1,416.9</b>	<b>2,425.0</b>	<b>115.3</b>	<b>70.2</b>	<b>185.5</b>	<b>2,610.6</b>	<b>2,162.8</b>	<b>4,773.4</b>	<b>7.1</b>	<b>54.7</b>
PERSONS										
Sydney	1,500.7	1,931.2	82.4	31.2	113.6	2,044.8	1,170.3	3,215.1	5.6	63.6
Melbourne	1,200.5	1,616.9	98.5	35.9	134.4	1,751.3	984.6	2,735.9	7.7	64.0
Brisbane	557.2	762.8	53.7	17.5	71.1	833.9	429.7	1,263.6	8.5	66.0
Adelaide	346.6	483.8	34.7	9.6	44.3	528.0	357.3	885.3	8.4	59.6
Perth	461.2	648.9	37.1	16.6	53.7	702.6	380.0	1,082.6	7.6	64.9
Hobart	57.3	82.8	6.2	1.9	8.2	90.9	63.5	154.4	9.0	58.9
<b>Total</b>	<b>4,123.5</b>	<b>5,526.3</b>	<b>312.5</b>	<b>112.8</b>	<b>425.3</b>	<b>5,951.5</b>	<b>3,385.4</b>	<b>9,337.0</b>	<b>7.1</b>	<b>63.7</b>

TABLE 7. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:  
AUSTRALIAN CAPITAL TERRITORY, APRIL 1999

	Persons						
	Males	Females		Aged 15-19	Aged 20-24	Aged 25 and over	Total
		Married	Total				
— '000 —							
<i>Employed</i>	80.5	42.8	76.1	11.9	19.7	124.9	156.6
Full-time workers	67.8	26.9	47.0	2.5	12.6	99.6	114.8
Part-time workers	12.7	15.9	29.1	9.4	7.1	25.2	41.8
<i>Unemployed</i>	6.2	* 1.0	3.6	2.6	1.7	5.6	9.8
Looking for full-time work	5.2	* 0.8	1.9	* 0.9	1.4	4.7	7.1
Looking for part-time work	1.1	* 0.3	1.7	1.6	* 0.3	* 0.9	2.8
Labour force	86.7	43.8	79.7	14.5	21.4	130.5	166.4
Not in labour force	27.8	24.8	42.2	9.1	4.3	56.6	70.0
Aged 15-19 attending school	4.4	* 0.0	2.5	6.9	..	..	6.9
Civilian population	114.5	68.6	121.9	23.6	25.7	187.1	236.4
— per cent —							
Unemployment rate	7.2	* 2.3	4.5	17.7	7.8	4.3	5.9
Looking for full-time work	7.1	* 2.7	3.8	* 26.7	10.0	4.5	5.8
Participation rate	75.7	63.8	65.4	61.5	83.2	69.7	70.4
Employment/population ratio	70.3	62.3	62.4	50.6	76.7	66.7	66.2
— number —							
Average weekly hours worked by employed persons	35.8	23.7	24.8	17.1	29.9	31.8	30.4
Average duration of unemployment (weeks)	56.9	* 18.7	36.5	27.1	* 25.6	66.8	49.4



**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																	
1998 —																		
February	1,431.7	1,603.3	136.2	1,739.4	7.8	71.1	713.9	1,212.7	92.9	1,305.5	7.1	51.5	2,145.7	2,815.9	229.1	3,045.0	7.5	61.1
March	1,438.0	1,618.6	134.2	1,752.7	7.7	71.6	721.6	1,219.8	94.8	1,314.6	7.2	51.8	2,159.6	2,838.4	229.0	3,067.4	7.5	61.5
April	1,445.4	1,623.1	125.8	1,748.8	7.2	71.3	723.2	1,230.4	93.7	1,324.2	7.1	52.1	2,168.6	2,853.5	219.5	3,073.0	7.1	61.6
May	1,443.7	1,619.7	134.8	1,754.5	7.7	71.5	716.4	1,225.6	95.1	1,320.7	7.2	51.9	2,160.1	2,845.3	229.9	3,075.2	7.5	61.5
June	1,450.1	1,629.4	136.8	1,766.2	7.7	71.9	737.5	1,239.4	96.7	1,336.0	7.2	52.5	2,187.6	2,868.8	233.5	3,102.3	7.5	62.0
July	1,456.8	1,639.0	135.0	1,774.0	7.6	72.1	760.5	1,251.0	95.9	1,346.9	7.1	52.8	2,217.3	2,890.0	230.9	3,120.9	7.4	62.3
August	1,448.1	1,613.4	137.7	1,751.1	7.9	71.1	740.5	1,238.6	93.1	1,331.6	7.0	52.2	2,188.6	2,851.9	230.8	3,082.7	7.5	61.5
September	1,458.2	1,639.4	130.8	1,770.2	7.4	71.8	750.4	1,255.6	96.5	1,352.1	7.1	52.9	2,208.6	2,895.0	227.3	3,122.3	7.3	62.2
October	1,458.2	1,652.8	115.0	1,767.8	6.5	71.6	745.1	1,251.8	92.2	1,344.0	6.9	52.6	2,203.3	2,904.6	207.2	3,111.8	6.7	61.9
November	1,447.3	1,634.9	133.4	1,768.3	7.5	71.5	730.5	1,224.5	104.7	1,329.2	7.9	51.9	2,177.8	2,859.4	238.2	3,097.6	7.7	61.6
December	1,443.9	1,635.5	124.0	1,759.5	7.0	71.1	745.2	1,255.9	87.5	1,343.4	6.5	52.4	2,189.2	2,891.5	211.5	3,102.9	6.8	61.6
1999 —																		
January	1,440.2	1,635.3	129.6	1,764.9	7.3	71.2	738.4	1,249.3	85.6	1,334.9	6.4	52.0	2,178.6	2,884.6	215.2	3,099.8	6.9	61.5
February	1,452.3	1,648.1	121.2	1,769.3	6.8	71.3	743.7	1,257.9	87.5	1,345.3	6.5	52.4	2,196.0	2,906.0	208.7	3,114.7	6.7	61.7
March	1,458.5	1,665.8	121.3	1,787.1	6.8	72.0	732.3	1,237.7	98.5	1,336.2	7.4	52.0	2,190.9	2,903.5	219.8	3,123.3	7.0	61.8
April	1,458.5	1,656.7	119.5	1,776.3	6.7	71.4	726.9	1,244.3	96.6	1,340.9	7.2	52.1	2,185.4	2,901.0	216.1	3,117.1	6.9	61.6
VICTORIA																		
1998 —																		
February	1,063.1	1,208.5	107.2	1,315.7	8.1	73.0	527.6	929.2	80.7	1,009.8	8.0	53.6	1,590.7	2,137.7	187.8	2,325.5	8.1	63.1
March	1,063.5	1,213.1	113.7	1,326.9	8.6	73.5	527.7	931.3	87.5	1,018.8	8.6	54.0	1,591.2	2,144.5	201.2	2,345.7	8.6	63.5
April	1,062.1	1,217.3	112.4	1,329.7	8.5	73.6	535.2	938.1	84.5	1,022.7	8.3	54.2	1,597.4	2,155.4	196.9	2,352.4	8.4	63.7
May	1,062.5	1,219.6	111.3	1,331.0	8.4	73.6	528.1	937.4	82.0	1,019.4	8.0	53.9	1,590.6	2,157.0	193.3	2,350.3	8.2	63.5
June	1,057.1	1,218.4	107.8	1,326.2	8.1	73.2	527.5	938.8	87.9	1,026.7	8.6	54.3	1,584.7	2,157.2	195.7	2,352.9	8.3	63.5
July	1,061.0	1,218.9	108.5	1,327.4	8.2	73.2	524.0	939.4	89.2	1,028.5	8.7	54.3	1,585.0	2,158.2	197.7	2,355.9	8.4	63.6
August	1,063.3	1,218.3	106.1	1,324.4	8.0	73.0	544.6	958.7	86.6	1,045.3	8.3	55.1	1,607.9	2,177.0	192.8	2,369.8	8.1	63.9
September	1,073.6	1,237.5	102.6	1,340.2	7.7	73.8	528.3	943.4	87.7	1,031.1	8.5	54.3	1,601.9	2,181.0	190.3	2,371.3	8.0	63.8
October	1,064.1	1,219.8	102.3	1,322.1	7.7	72.7	530.9	942.3	79.6	1,021.9	7.8	53.8	1,594.9	2,162.0	181.9	2,344.0	7.8	63.0
November	1,057.6	1,218.7	101.5	1,320.2	7.7	72.5	525.8	939.1	80.7	1,019.8	7.9	53.6	1,583.3	2,157.8	182.2	2,340.0	7.8	62.8
December	1,061.7	1,218.9	100.9	1,319.8	7.6	72.4	533.0	942.6	74.0	1,016.6	7.3	53.4	1,594.7	2,161.5	174.9	2,336.4	7.5	62.6
1999 —																		
January	1,060.0	1,222.8	99.1	1,321.9	7.5	72.4	537.7	942.9	73.0	1,015.9	7.2	53.3	1,597.7	2,165.7	172.1	2,337.8	7.4	62.6
February	1,079.4	1,232.6	101.4	1,334.0	7.6	73.0	530.8	941.0	76.9	1,017.9	7.6	53.3	1,610.2	2,173.6	178.3	2,351.9	7.6	62.9
March	1,086.8	1,240.0	96.3	1,336.3	7.2	73.0	532.1	938.8	74.8	1,013.6	7.4	53.0	1,619.0	2,178.8	171.1	2,349.9	7.3	62.8
April	1,063.0	1,229.3	115.1	1,344.4	8.6	73.3	521.6	933.0	72.2	1,005.2	7.2	52.5	1,584.6	2,162.3	187.3	2,349.6	8.0	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																	
1998 —																		
February	784.1	900.4	91.2	991.6	9.2	74.7	388.0	695.3	64.5	759.8	8.5	56.2	1,172.1	1,595.8	155.6	1,751.4	8.9	65.3
March	787.6	902.3	87.3	989.6	8.8	74.4	384.3	691.7	61.1	752.7	8.1	55.6	1,171.9	1,594.0	148.3	1,742.3	8.5	64.9
April	789.4	899.2	86.3	985.5	8.8	74.0	393.5	698.7	63.3	762.1	8.3	56.2	1,182.9	1,597.9	149.6	1,747.5	8.6	65.0
May	782.1	900.1	87.9	988.0	8.9	74.1	387.4	701.9	60.3	762.3	7.9	56.1	1,169.5	1,602.0	148.2	1,750.3	8.5	65.0
June	787.5	901.1	89.3	990.4	9.0	74.1	384.7	700.2	66.7	766.8	8.7	56.4	1,172.2	1,601.3	156.0	1,757.3	8.9	65.2
July	788.7	897.6	96.8	994.4	9.7	74.3	386.0	698.1	62.5	760.6	8.2	55.8	1,174.7	1,595.7	159.2	1,755.0	9.1	65.0
August	789.1	903.5	90.0	993.5	9.1	74.1	380.8	700.9	59.4	760.3	7.8	55.7	1,170.0	1,604.3	149.4	1,753.7	8.5	64.8
September	791.7	910.3	94.7	1,005.0	9.4	74.9	383.6	692.1	63.5	755.6	8.4	55.3	1,175.4	1,602.4	158.1	1,760.6	9.0	65.0
October	801.3	915.5	86.9	1,002.5	8.7	74.6	381.8	700.8	67.6	768.4	8.8	56.1	1,183.1	1,616.3	154.5	1,770.9	8.7	65.3
November	807.5	922.6	83.1	1,005.7	8.3	74.7	392.2	704.0	62.3	766.4	8.1	55.9	1,199.7	1,626.6	145.4	1,772.0	8.2	65.2
December	801.5	924.2	83.3	1,007.5	8.3	74.7	391.6	701.6	64.2	765.7	8.4	55.7	1,193.1	1,625.8	147.5	1,773.2	8.3	65.1
1999 —																		
January	807.0	928.9	76.9	1,005.8	7.6	74.4	396.4	707.5	66.0	773.5	8.5	56.2	1,203.4	1,636.5	142.9	1,779.3	8.0	65.2
February	804.4	922.2	82.2	1,004.4	8.2	74.2	386.1	700.2	58.9	759.2	7.8	55.1	1,190.5	1,622.4	141.2	1,763.6	8.0	64.5
March	808.3	927.6	74.0	1,001.6	7.4	73.9	395.7	704.7	63.8	768.5	8.3	55.6	1,204.0	1,632.3	137.8	1,770.1	7.8	64.7
April	809.3	929.8	79.8	1,009.6	7.9	74.3	404.3	719.9	60.1	780.0	7.7	56.4	1,213.6	1,649.7	139.9	1,789.6	7.8	65.3
SOUTH AUSTRALIA																		
1998 —																		
February	314.9	365.1	42.4	407.5	10.4	70.3	146.0	280.4	28.4	308.8	9.2	51.0	460.9	645.4	70.8	716.3	9.9	60.4
March	315.6	362.6	41.7	404.4	10.3	69.7	149.0	277.8	30.0	307.8	9.8	50.8	464.7	640.4	71.8	712.2	10.1	60.0
April	315.8	365.0	39.3	404.3	9.7	69.7	146.7	278.2	28.5	306.6	9.3	50.5	462.4	643.2	67.7	710.9	9.5	59.9
May	313.5	361.2	42.3	403.6	10.5	69.5	142.9	274.6	30.6	305.2	10.0	50.3	456.4	635.8	72.9	708.8	10.3	59.7
June	314.4	363.8	40.6	404.4	10.0	69.6	143.4	270.2	30.1	300.3	10.0	49.4	457.8	634.0	70.7	704.7	10.0	59.3
July	316.3	362.8	44.9	407.7	11.0	70.2	144.9	273.3	28.0	301.3	9.3	49.6	461.2	636.1	72.9	709.0	10.3	59.6
August	318.3	365.0	43.0	408.0	10.5	70.2	146.7	277.1	31.2	308.3	10.1	50.7	465.0	642.0	74.2	716.2	10.4	60.2
September	321.8	366.5	43.4	409.9	10.6	70.5	147.9	282.1	27.7	309.8	8.9	50.9	469.7	648.6	71.1	719.7	9.9	60.5
October	317.7	366.1	41.1	407.2	10.1	70.0	148.3	285.2	24.9	310.1	8.0	50.9	466.1	651.3	66.0	717.3	9.2	60.2
November	318.7	366.4	43.6	410.0	10.6	70.4	146.4	285.4	27.0	312.4	8.6	51.3	465.1	651.8	70.6	722.4	9.8	60.6
December	316.6	368.9	42.4	411.2	10.3	70.5	146.9	289.4	24.8	314.2	7.9	51.5	463.5	658.3	67.1	725.4	9.3	60.8
1999 —																		
January	316.5	367.5	41.8	409.2	10.2	70.1	146.3	286.5	26.7	313.2	8.5	51.3	462.8	654.0	68.4	722.5	9.5	60.5
February	321.8	373.2	37.9	411.2	9.2	70.4	148.9	285.6	25.8	311.5	8.3	51.0	470.6	658.9	63.8	722.6	8.8	60.5
March	325.7	370.5	39.0	409.4	9.5	70.1	148.3	288.3	25.9	314.2	8.2	51.4	474.0	658.8	64.9	723.6	9.0	60.6
April	319.0	367.0	35.6	402.6	8.9	68.9	150.7	287.1	23.9	311.1	7.7	50.9	469.6	654.1	59.6	713.7	8.3	59.7

**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				
	WESTERN AUSTRALIA																	
1998 —																		
February	444.2	503.4	36.8	540.2	6.8	76.1	195.9	370.5	28.4	399.0	7.1	56.1	640.1	873.9	65.2	939.2	6.9	66.1
March	445.8	503.1	38.2	541.3	7.1	76.2	201.6	371.0	28.0	399.0	7.0	56.0	647.3	874.1	66.1	940.2	7.0	66.1
April	446.1	505.4	37.2	542.7	6.9	76.2	197.3	375.2	28.3	403.5	7.0	56.5	643.5	880.6	65.5	946.1	6.9	66.4
May	446.5	507.0	38.3	545.3	7.0	76.4	200.1	379.0	27.9	406.9	6.9	56.9	646.6	886.0	66.2	952.2	7.0	66.7
June	446.0	504.8	44.8	549.6	8.2	76.9	204.4	384.9	24.6	409.5	6.0	57.2	650.4	889.7	69.4	959.1	7.2	67.0
July	446.2	502.4	42.6	545.0	7.8	76.1	202.7	387.2	27.3	414.5	6.6	57.8	648.9	889.6	69.9	959.5	7.3	66.9
August	447.4	504.7	41.4	546.2	7.6	76.2	204.4	384.8	25.5	410.3	6.2	57.1	651.8	889.6	66.9	956.5	7.0	66.6
September	447.3	509.8	41.5	551.3	7.5	76.7	197.9	386.1	28.5	414.5	6.9	57.6	645.3	895.9	70.0	965.8	7.2	67.2
October	446.9	509.0	41.9	551.0	7.6	76.6	201.9	386.8	25.3	412.2	6.1	57.2	648.8	895.8	67.3	963.1	7.0	66.8
November	445.8	507.6	41.7	549.3	7.6	76.2	203.0	385.3	26.4	411.7	6.4	57.0	648.7	892.9	68.1	961.0	7.1	66.6
December	447.6	510.4	42.8	553.2	7.7	76.6	205.2	385.2	26.3	411.5	6.4	56.9	652.8	895.6	69.1	964.7	7.2	66.7
1999 —																		
January	446.8	510.4	40.9	551.3	7.4	76.2	203.8	382.9	26.5	409.4	6.5	56.5	650.5	893.3	67.4	960.7	7.0	66.3
February	444.7	508.0	40.9	548.9	7.5	75.7	200.0	382.1	28.9	411.0	7.0	56.6	644.7	890.1	69.8	959.9	7.3	66.1
March	446.2	512.2	37.3	549.5	6.8	75.6	195.3	383.3	28.5	411.8	6.9	56.6	641.5	895.6	65.8	961.4	6.8	66.1
April	447.5	513.9	39.4	553.3	7.1	76.0	201.1	382.3	32.6	414.9	7.9	56.9	648.6	896.2	72.0	968.2	7.4	66.5
TASMANIA																		
1998 —																		
February	94.5	111.0	14.9	126.0	11.9	69.8	43.1	85.3	8.1	93.3	8.6	49.3	137.6	196.3	23.0	219.3	10.5	59.3
March	95.3	110.4	15.6	126.0	12.4	69.9	44.0	85.7	8.3	94.0	8.8	49.6	139.3	196.0	23.9	219.9	10.9	59.5
April	97.2	112.4	14.7	127.1	11.6	70.5	43.1	85.9	8.6	94.5	9.1	49.9	140.3	198.3	23.3	221.6	10.5	59.9
May	94.9	111.3	14.6	125.9	11.6	69.8	41.8	86.2	8.5	94.8	9.0	50.1	136.7	197.6	23.2	220.7	10.5	59.7
June	93.7	109.7	14.7	124.4	11.8	69.0	42.0	86.5	8.6	95.1	9.0	50.2	135.7	196.2	23.3	219.5	10.6	59.4
July	93.3	107.3	15.6	122.9	12.7	68.1	42.3	87.1	7.9	95.0	8.3	50.2	135.6	194.4	23.5	217.9	10.8	58.9
August	93.1	108.7	15.9	124.6	12.8	69.1	42.1	86.4	8.9	95.4	9.4	50.4	135.2	195.1	24.9	220.0	11.3	59.5
September	92.5	108.4	14.8	123.3	12.0	68.3	42.0	87.0	7.8	94.8	8.2	50.1	134.5	195.4	22.6	218.1	10.4	59.0
October	93.7	109.3	14.5	123.7	11.7	68.6	42.0	86.5	8.2	94.7	8.7	50.0	135.8	195.8	22.7	218.4	10.4	59.1
November	94.9	109.2	13.3	122.5	10.8	67.9	41.7	85.5	8.1	93.7	8.7	49.4	136.6	194.8	21.4	216.2	9.9	58.5
December	93.9	108.6	13.0	121.6	10.7	67.4	41.0	85.1	9.3	94.4	9.8	49.8	134.9	193.7	22.3	216.0	10.3	58.4
1999 —																		
January	91.4	106.4	15.1	121.6	12.4	67.4	42.7	86.0	7.7	93.6	8.2	49.4	134.1	192.4	22.8	215.2	10.6	58.2
February	89.9	106.6	15.4	122.0	12.6	67.6	42.7	87.0	6.9	93.9	7.4	49.5	132.5	193.6	22.3	215.9	10.3	58.4
March	91.1	107.3	15.4	122.8	12.6	68.1	44.1	85.2	7.8	93.0	8.4	49.0	135.3	192.5	23.2	215.7	10.8	58.3
April	93.9	109.5	13.9	123.4	11.3	68.4	43.6	85.8	7.9	93.7	8.4	49.4	137.5	195.3	21.8	217.1	10.0	58.7

**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																		
1998 —																		
February	1,437.2	1,616.4	132.6	1,748.9	7.6	71.5	717.9	1,218.8	94.7	1,313.4	7.2	51.8	2,155.1	2,835.1	227.2	3,062.4	7.4	61.5
March	1,439.3	1,617.9	131.9	1,749.8	7.5	71.5	719.5	1,222.1	94.6	1,316.8	7.2	51.9	2,158.7	2,840.0	226.5	3,066.6	7.4	61.5
April	1,442.3	1,619.9	132.8	1,752.6	7.6	71.5	723.4	1,226.3	94.8	1,321.1	7.2	52.0	2,165.7	2,846.2	227.5	3,073.8	7.4	61.6
May	1,445.9	1,622.6	133.9	1,756.5	7.6	71.6	729.8	1,232.1	94.8	1,326.9	7.1	52.2	2,175.7	2,854.7	228.8	3,083.5	7.4	61.7
June	1,449.8	1,626.3	134.5	1,760.8	7.6	71.7	736.9	1,238.4	95.0	1,333.4	7.1	52.4	2,186.7	2,864.6	229.6	3,094.2	7.4	61.8
July	1,452.9	1,630.0	133.9	1,764.0	7.6	71.7	742.7	1,243.1	95.5	1,338.6	7.1	52.5	2,195.6	2,873.1	229.4	3,102.6	7.4	62.0
August	1,454.3	1,633.2	132.4	1,765.6	7.5	71.7	746.0	1,245.5	96.0	1,341.5	7.2	52.6	2,200.2	2,878.7	228.4	3,107.1	7.3	62.0
September	1,453.7	1,635.2	130.4	1,765.6	7.4	71.6	746.4	1,246.5	95.7	1,342.2	7.1	52.6	2,200.0	2,881.7	226.1	3,107.8	7.3	61.9
October r	1,451.6	1,636.7	128.3	1,765.0	7.3	71.5	745.0	1,246.9	94.7	1,341.6	7.1	52.5	2,196.6	2,883.6	222.9	3,106.6	7.2	61.8
November r	1,449.4	1,638.4	126.5	1,765.0	7.2	71.4	742.5	1,247.0	93.3	1,340.2	7.0	52.4	2,191.9	2,885.4	219.8	3,105.2	7.1	61.7
December r	1,448.2	1,640.9	125.5	1,766.4	7.1	71.4	740.3	1,247.1	92.1	1,339.3	6.9	52.3	2,188.4	2,888.0	217.6	3,105.7	7.0	61.7
1999 —																		
January r	1,448.6	1,644.4	124.6	1,769.0	7.0	71.4	738.7	1,247.5	91.5	1,339.0	6.8	52.2	2,187.3	2,891.8	216.2	3,108.0	7.0	61.6
February r	1,450.3	1,648.4	123.5	1,772.0	7.0	71.4	736.9	1,247.5	91.7	1,339.1	6.8	52.2	2,187.1	2,895.9	215.2	3,111.1	6.9	61.6
March r	1,452.6	1,652.6	122.3	1,774.9	6.9	71.5	734.5	1,246.8	92.4	1,339.2	6.9	52.1	2,187.1	2,899.4	214.7	3,114.1	6.9	61.6
April	1,455.3	1,656.6	121.4	1,778.1	6.8	71.5	732.6	1,246.5	93.6	1,340.0	7.0	52.1	2,187.9	2,903.1	215.0	3,118.1	6.9	61.6
VICTORIA																		
1998 —																		
February	1,061.2	1,207.9	111.3	1,319.2	8.4	73.2	525.7	930.2	83.4	1,013.6	8.2	53.8	1,586.9	2,138.1	194.7	2,332.8	8.3	63.3
March	1,061.9	1,211.3	111.8	1,323.0	8.4	73.3	527.8	932.1	84.0	1,016.1	8.3	53.9	1,589.8	2,143.4	195.7	2,339.1	8.4	63.4
April	1,061.8	1,214.6	111.6	1,326.2	8.4	73.4	529.4	935.0	84.9	1,019.9	8.3	54.0	1,591.1	2,149.7	196.5	2,346.1	8.4	63.5
May	1,061.8	1,217.8	110.6	1,328.4	8.3	73.4	530.3	938.4	86.0	1,024.4	8.4	54.2	1,592.1	2,156.2	196.6	2,352.8	8.4	63.6
June	1,062.2	1,220.4	109.2	1,329.6	8.2	73.4	530.9	941.8	86.9	1,028.6	8.4	54.4	1,593.1	2,162.2	196.1	2,358.3	8.3	63.7
July	1,063.0	1,222.2	107.6	1,329.7	8.1	73.4	531.1	944.2	87.2	1,031.4	8.5	54.4	1,594.1	2,166.4	194.7	2,361.1	8.2	63.7
August	1,063.6	1,222.8	105.7	1,328.5	8.0	73.2	531.1	945.4	86.5	1,031.9	8.4	54.4	1,594.7	2,168.2	192.2	2,360.4	8.1	63.6
September	1,063.4	1,222.7	103.9	1,326.6	7.8	73.0	531.3	945.4	84.7	1,030.1	8.2	54.3	1,594.6	2,168.1	188.6	2,356.7	8.0	63.4
October r	1,063.3	1,222.4	102.2	1,324.7	7.7	72.8	531.7	944.7	82.1	1,026.7	8.0	54.0	1,595.0	2,167.1	184.3	2,351.4	7.8	63.2
November r	1,063.8	1,222.7	100.9	1,323.6	7.6	72.7	532.0	943.4	79.2	1,022.6	7.7	53.7	1,595.9	2,166.0	180.2	2,346.2	7.7	63.0
December r	1,065.4	1,223.8	100.4	1,324.1	7.6	72.6	532.0	941.9	76.9	1,018.8	7.6	53.5	1,597.3	2,165.6	177.3	2,342.9	7.6	62.8
1999 —																		
January r	1,067.8	1,225.9	100.7	1,326.5	7.6	72.6	531.6	940.6	75.4	1,016.0	7.4	53.3	1,599.4	2,166.5	176.0	2,342.5	7.5	62.7
February r	1,070.6	1,228.7	101.7	1,330.3	7.6	72.8	531.0	939.5	74.3	1,013.8	7.3	53.1	1,601.7	2,168.2	176.0	2,344.2	7.5	62.7
March r	1,073.0	1,231.3	103.2	1,334.5	7.7	72.9	530.1	938.4	73.5	1,011.9	7.3	52.9	1,603.1	2,169.7	176.7	2,346.4	7.5	62.7
April	1,075.3	1,234.5	105.0	1,339.5	7.8	73.1	528.5	937.1	73.2	1,010.3	7.2	52.8	1,603.8	2,171.6	178.2	2,349.8	7.6	62.7

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																		
1998 —																		
February	785.2	899.9	89.0	988.9	9.0	74.5	387.8	691.9	63.3	755.2	8.4	55.8	1,173.0	1,591.8	152.3	1,744.1	8.7	65.1
March	786.4	900.8	88.2	989.0	8.9	74.4	388.3	694.9	62.9	757.8	8.3	55.9	1,174.6	1,595.7	151.1	1,746.8	8.6	65.1
April	786.6	900.6	88.3	988.8	8.9	74.2	388.0	697.6	62.6	760.1	8.2	56.0	1,174.6	1,598.1	150.8	1,749.0	8.6	65.0
May	786.4	899.9	89.3	989.2	9.0	74.1	387.1	699.1	62.5	761.6	8.2	56.0	1,173.5	1,599.1	151.8	1,750.8	8.7	65.0
June	786.7	900.0	90.7	990.7	9.2	74.1	385.8	699.5	62.6	762.0	8.2	56.0	1,172.5	1,599.5	153.3	1,752.7	8.7	65.0
July	788.3	901.6	91.8	993.5	9.2	74.2	384.4	699.1	62.7	761.8	8.2	55.9	1,172.7	1,600.7	154.6	1,755.3	8.8	65.0
August	791.2	905.2	91.9	997.0	9.2	74.4	383.7	698.8	63.1	761.9	8.3	55.8	1,174.9	1,603.9	155.0	1,758.9	8.8	65.0
September	794.9	910.0	90.6	1,000.6	9.1	74.6	384.3	699.0	63.6	762.6	8.3	55.8	1,179.2	1,609.0	154.2	1,763.2	8.7	65.1
October r	798.8	915.3	88.2	1,003.4	8.8	74.6	385.7	699.6	64.0	763.5	8.4	55.8	1,184.5	1,614.8	152.1	1,766.9	8.6	65.1
November r	802.0	919.9	85.1	1,005.0	8.5	74.6	387.9	700.7	64.1	764.8	8.4	55.8	1,189.9	1,620.6	149.2	1,769.8	8.4	65.1
December r	804.2	923.2	82.3	1,005.5	8.2	74.5	390.2	702.3	63.9	766.3	8.3	55.8	1,194.4	1,625.6	146.3	1,771.8	8.3	65.1
1999 —																		
January r	805.8	925.3	80.3	1,005.6	8.0	74.4	392.4	704.2	63.4	767.6	8.3	55.8	1,198.1	1,629.6	143.6	1,773.2	8.1	65.0
February r	806.9	926.8	78.8	1,005.6	7.8	74.3	394.5	706.3	62.6	768.9	8.1	55.8	1,201.3	1,633.2	141.3	1,774.5	8.0	64.9
March r	807.8	928.0	77.6	1,005.6	7.7	74.2	396.5	708.7	61.8	770.5	8.0	55.8	1,204.3	1,636.7	139.4	1,776.1	7.8	64.9
April	808.2	928.7	77.2	1,005.9	7.7	74.1	398.5	710.7	61.0	771.8	7.9	55.8	1,206.7	1,639.4	138.2	1,777.7	7.8	64.8
SOUTH AUSTRALIA																		
1998 —																		
February	317.0	364.8	41.6	406.4	10.2	70.1	147.0	280.6	29.1	309.7	9.4	51.1	464.0	645.4	70.8	716.2	9.9	60.4
March	315.9	363.9	41.3	405.2	10.2	69.9	146.5	278.0	29.4	307.4	9.6	50.7	462.3	641.9	70.7	712.6	9.9	60.1
April	315.1	363.2	41.3	404.6	10.2	69.7	145.6	275.7	29.7	305.4	9.7	50.3	460.7	639.0	71.0	709.9	10.0	59.8
May	314.9	363.0	41.7	404.7	10.3	69.7	145.0	274.2	29.8	304.0	9.8	50.1	459.9	637.2	71.4	708.6	10.1	59.7
June	315.5	363.2	42.1	405.3	10.4	69.8	144.9	273.9	29.7	303.6	9.8	50.0	460.4	637.0	71.9	708.9	10.1	59.7
July	316.7	363.7	42.6	406.4	10.5	69.9	145.3	275.0	29.4	304.3	9.6	50.1	462.0	638.7	72.0	710.7	10.1	59.8
August	317.8	364.5	43.0	407.5	10.6	70.1	146.0	277.4	28.7	306.1	9.4	50.3	463.8	641.9	71.7	713.6	10.0	60.0
September	318.3	365.4	43.2	408.6	10.6	70.2	146.7	280.6	27.8	308.3	9.0	50.7	465.0	645.9	71.0	716.9	9.9	60.2
October r	318.5	366.4	43.0	409.4	10.5	70.3	147.2	283.6	26.9	310.6	8.7	51.0	465.6	650.0	70.0	720.0	9.7	60.5
November r	318.5	367.5	42.5	410.0	10.4	70.4	147.3	285.8	26.3	312.2	8.4	51.2	465.8	653.3	68.8	722.1	9.5	60.6
December r	318.7	368.4	41.7	410.1	10.2	70.3	147.3	286.9	26.0	312.8	8.3	51.3	466.0	655.3	67.6	722.9	9.4	60.6
1999 —																		
January r	319.3	369.1	40.7	409.8	9.9	70.2	147.6	287.2	25.7	313.0	8.2	51.3	466.8	656.4	66.4	722.8	9.2	60.6
February r	320.1	369.6	39.5	409.1	9.6	70.1	148.0	287.4	25.5	312.9	8.2	51.3	468.2	657.0	65.0	722.1	9.0	60.5
March r	320.9	369.9	38.3	408.2	9.4	69.9	148.6	287.5	25.3	312.8	8.1	51.2	469.6	657.3	63.6	721.0	8.8	60.3
April	321.8	369.9	37.2	407.2	9.1	69.7	149.3	287.4	25.2	312.6	8.1	51.1	471.1	657.3	62.4	719.7	8.7	60.2

**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																	
1998 —																		
February	446.2	504.6	37.5	542.1	6.9	76.4	197.8	369.3	28.4	397.6	7.1	55.9	644.1	873.9	65.8	939.7	7.0	66.1
March	446.1	504.7	38.1	542.8	7.0	76.4	198.9	372.4	28.2	400.6	7.0	56.2	645.0	877.1	66.2	943.3	7.0	66.3
April	446.0	504.6	39.0	543.5	7.2	76.3	200.2	376.1	27.7	403.8	6.9	56.6	646.2	880.7	66.6	947.3	7.0	66.4
May	446.1	504.6	40.0	544.6	7.4	76.3	201.2	379.7	27.2	406.8	6.7	56.9	647.3	884.3	67.2	951.5	7.1	66.6
June	446.3	504.9	41.1	546.0	7.5	76.4	201.8	382.7	26.8	409.5	6.5	57.2	648.2	887.6	67.9	955.5	7.1	66.8
July	446.6	505.4	41.9	547.3	7.7	76.4	202.1	385.0	26.5	411.5	6.4	57.4	648.7	890.3	68.4	958.8	7.1	66.9
August	446.9	506.1	42.3	548.4	7.7	76.5	202.3	386.3	26.4	412.7	6.4	57.4	649.1	892.5	68.6	961.1	7.1	66.9
September	446.9	507.1	42.4	549.5	7.7	76.5	202.5	386.6	26.3	412.9	6.4	57.4	649.4	893.7	68.6	962.4	7.1	66.9
October r	446.9	508.1	42.2	550.3	7.7	76.5	202.7	386.2	26.2	412.4	6.4	57.2	649.6	894.3	68.4	962.7	7.1	66.8
November r	446.7	508.9	41.8	550.7	7.6	76.4	202.6	385.4	26.4	411.7	6.4	57.0	649.4	894.3	68.2	962.5	7.1	66.7
December r	446.5	509.5	41.5	551.0	7.5	76.3	202.4	384.5	26.7	411.3	6.5	56.8	648.9	894.0	68.2	962.2	7.1	66.5
1999 —																		
January r	446.3	510.0	40.9	550.9	7.4	76.1	201.8	383.8	27.4	411.2	6.7	56.7	648.2	893.8	68.3	962.1	7.1	66.4
February r	446.3	510.6	40.2	550.9	7.3	76.0	200.9	383.1	28.3	411.5	6.9	56.7	647.2	893.8	68.6	962.3	7.1	66.3
March r	446.3	511.4	39.5	550.9	7.2	75.8	200.0	382.6	29.3	411.9	7.1	56.6	646.3	893.9	68.9	962.8	7.2	66.2
April	446.4	512.2	38.9	551.1	7.1	75.7	199.0	382.1	30.5	412.6	7.4	56.6	645.4	894.3	69.4	963.7	7.2	66.2
TASMANIA																		
1998 —																		
February	95.4	110.9	15.4	126.3	12.2	70.0	43.2	84.9	8.3	93.2	8.9	49.2	138.7	195.8	23.7	219.5	10.8	59.4
March	95.4	111.1	15.1	126.2	12.0	70.0	43.2	85.5	8.3	93.8	8.9	49.5	138.6	196.6	23.4	220.0	10.6	59.5
April	95.3	111.0	15.0	125.9	11.9	69.8	42.9	85.9	8.4	94.3	8.9	49.8	138.2	196.9	23.3	220.2	10.6	59.6
May	94.9	110.5	15.0	125.5	12.0	69.6	42.6	86.3	8.4	94.8	8.9	50.1	137.5	196.8	23.4	220.2	10.6	59.6
June	94.2	109.8	15.2	124.9	12.1	69.3	42.3	86.7	8.4	95.1	8.8	50.2	136.6	196.4	23.6	220.0	10.7	59.5
July	93.7	109.1	15.2	124.3	12.2	68.9	42.1	86.8	8.4	95.1	8.8	50.3	135.8	195.9	23.6	219.5	10.7	59.4
August	93.5	108.8	15.0	123.8	12.1	68.7	42.0	86.7	8.3	95.0	8.8	50.2	135.4	195.5	23.4	218.9	10.7	59.2
September	93.5	108.6	14.7	123.3	11.9	68.4	41.8	86.5	8.3	94.8	8.8	50.1	135.3	195.2	23.0	218.2	10.6	59.0
October r	93.4	108.5	14.4	122.9	11.7	68.1	41.8	86.3	8.3	94.6	8.8	49.9	135.2	194.8	22.7	217.5	10.4	58.8
November r	93.3	108.3	14.2	122.5	11.6	67.9	41.8	86.0	8.2	94.3	8.7	49.8	135.1	194.4	22.4	216.8	10.3	58.6
December r	92.8	108.0	14.2	122.2	11.6	67.8	42.0	85.9	8.1	94.0	8.6	49.6	134.8	193.9	22.3	216.3	10.3	58.5
1999 —																		
January r	92.3	107.7	14.4	122.1	11.8	67.7	42.4	85.9	7.9	93.8	8.5	49.5	134.7	193.6	22.4	215.9	10.4	58.4
February r	91.9	107.6	14.6	122.2	12.0	67.7	42.8	85.9	7.8	93.6	8.3	49.4	134.7	193.4	22.4	215.8	10.4	58.3
March r	91.7	107.6	14.8	122.4	12.1	67.8	43.3	85.8	7.7	93.5	8.2	49.3	135.0	193.4	22.5	215.9	10.4	58.4
April	91.6	107.7	14.9	122.6	12.2	68.0	43.7	85.9	7.6	93.4	8.1	49.3	135.3	193.5	22.5	216.0	10.4	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				
<b>NORTHERN TERRITORY</b>																		
<i>1998 —</i>																		
February	46.7	51.6	3.0	54.6	5.4	77.5	26.6	38.7	2.0	40.7	4.8	63.3	73.3	90.3	4.9	95.2	5.2	70.7
March	46.3	51.3	3.2	54.5	6.0	77.3	26.4	38.5	1.9	40.4	4.6	62.8	72.7	89.8	5.1	94.9	5.4	70.4
April	46.1	51.0	3.4	54.4	6.3	77.0	26.5	38.5	1.7	40.2	4.1	62.4	72.6	89.5	5.1	94.6	5.4	70.1
May	46.0	51.1	3.4	54.6	6.3	77.0	26.7	38.7	1.4	40.1	3.6	62.2	72.8	89.8	4.9	94.7	5.2	70.0
June	46.1	51.5	3.3	54.8	6.1	77.3	27.0	38.9	1.3	40.2	3.2	62.3	73.1	90.4	4.6	95.0	4.9	70.1
July	46.2	52.0	3.2	55.1	5.8	77.6	27.3	39.2	1.2	40.4	3.0	62.5	73.4	91.2	4.4	95.6	4.6	70.4
August	46.3	52.4	3.0	55.4	5.5	77.9	27.6	39.6	1.2	40.8	2.9	63.0	73.8	92.0	4.2	96.2	4.4	70.8
September	46.4	52.7	2.9	55.6	5.2	78.1	27.9	40.0	1.2	41.2	3.0	63.6	74.3	92.7	4.1	96.9	4.3	71.2
October r	46.5	53.0	2.7	55.8	4.9	78.1	28.2	40.5	1.3	41.8	3.2	64.4	74.7	93.5	4.1	97.6	4.2	71.6
November r	46.6	53.3	2.6	55.8	4.6	78.1	28.4	40.9	1.5	42.4	3.4	65.1	75.0	94.2	4.0	98.2	4.1	71.9
December r	46.7	53.5	2.4	55.9	4.4	78.1	28.4	41.2	1.6	42.8	3.7	65.7	75.0	94.7	4.0	98.7	4.1	72.2
<i>1999 —</i>																		
January r	46.8	53.8	2.4	56.2	4.2	78.2	28.1	41.3	1.7	43.0	3.9	65.8	74.9	95.2	4.0	99.2	4.0	72.3
February (a) r	47.0	54.2	2.3	56.5	4.1	78.6	27.7	41.4	1.8	43.1	4.1	65.8	74.7	95.6	4.1	99.7	4.1	72.5
March (a) r	47.3	54.7	2.3	56.9	4.0	78.9	27.2	41.3	1.9	43.1	4.3	65.7	74.5	96.0	4.1	100.1	4.1	72.6
April (a)	47.5	55.0	2.2	57.3	3.9	79.2	26.9	41.1	2.0	43.1	4.6	65.5	74.3	96.2	4.2	100.4	4.2	72.7
<b>AUSTRALIAN CAPITAL TERRITORY</b>																		
<i>1998 —</i>																		
February	69.2	80.5	7.0	87.5	8.0	77.7	46.3	72.9	5.2	78.2	6.7	64.6	115.4	153.4	12.2	165.6	7.4	70.9
March	69.5	80.6	7.0	87.6	8.0	77.7	46.3	73.7	4.9	78.6	6.2	65.0	115.8	154.3	11.9	166.2	7.2	71.1
April	69.7	80.8	7.1	87.8	8.0	77.8	46.4	74.5	4.6	79.1	5.9	65.4	116.1	155.3	11.7	167.0	7.0	71.4
May	69.7	80.9	7.1	88.0	8.1	77.8	46.4	75.1	4.5	79.5	5.6	65.7	116.1	156.0	11.6	167.6	6.9	71.6
June	69.6	81.0	7.1	88.1	8.1	77.8	46.2	75.2	4.4	79.7	5.6	65.8	115.7	156.2	11.5	167.8	6.9	71.6
July	69.2	81.0	7.1	88.1	8.0	77.8	45.9	75.1	4.4	79.5	5.5	65.6	115.1	156.1	11.5	167.6	6.8	71.5
August	68.9	81.1	7.0	88.0	7.9	77.8	45.7	74.7	4.4	79.0	5.5	65.2	114.6	155.7	11.3	167.0	6.8	71.3
September	68.7	81.1	6.8	87.9	7.7	77.7	45.8	74.3	4.3	78.6	5.4	64.8	114.4	155.4	11.1	166.5	6.7	71.0
October r	68.7	81.2	6.5	87.7	7.4	77.3	46.0	74.1	4.2	78.3	5.4	64.5	114.7	155.3	10.7	166.0	6.5	70.7
November r	68.8	81.3	6.2	87.6	7.1	77.1	46.4	74.1	4.2	78.3	5.3	64.5	115.2	155.5	10.4	165.9	6.3	70.6
December r	69.0	81.5	6.0	87.5	6.9	76.8	46.8	74.5	4.1	78.6	5.3	64.7	115.8	156.0	10.2	166.1	6.1	70.6
<i>1999 —</i>																		
January r	69.1	81.7	5.9	87.5	6.7	76.7	47.1	74.9	4.1	79.0	5.2	65.0	116.3	156.5	10.0	166.6	6.0	70.7
February (a) r	69.1	81.7	5.8	87.5	6.6	76.6	47.4	75.2	4.2	79.4	5.2	65.2	116.5	156.9	10.0	166.9	6.0	70.7
March (a) r	69.0	81.7	5.8	87.5	6.6	76.5	47.6	75.5	4.2	79.6	5.2	65.4	116.6	157.2	9.9	167.2	5.9	70.8
April (a)	68.8	81.6	5.8	87.5	6.7	76.4	47.7	75.7	4.2	79.8	5.2	65.5	116.5	157.3	10.0	167.3	6.0	70.8

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

TABLE 10. CIVILIAN LABOUR FORCE, BY AGE, APRIL 1999

Age group	Number ('000)					Participation rate (per cent)				
	Females				Persons	Females				Persons
	Males	Married	Not married	Total		Males	Married	Not married	Total	
15-64	5,245.6	2,307.5	1,730.8	4,038.3	9,283.9	82.7	61.4	68.3	64.2	73.5
15-19	395.2	11.7	379.0	390.7	785.9	58.1	58.9	60.4	60.3	59.2
20-24	596.3	110.9	402.5	513.4	1,109.8	87.4	65.4	81.5	77.4	82.5
25-34	1,309.2	589.3	399.9	989.2	2,298.4	91.9	63.9	77.3	68.7	80.2
35-44	1,327.1	756.4	262.0	1,018.3	2,345.4	91.7	68.8	71.8	69.6	80.6
45-54	1,113.0	643.7	217.9	861.6	1,974.7	87.6	68.3	70.7	68.9	78.3
55-59	332.2	145.6	51.8	197.5	529.7	71.7	42.8	48.2	44.1	58.2
60-64	172.5	49.8	17.7	67.5	240.0	45.8	19.0	15.5	17.9	31.8
65 and over	96.6	24.2	14.1	38.3	134.9	9.5	4.3	1.9	3.0	5.8
<b>Total</b>	<b>5,342.1</b>	<b>2,331.8</b>	<b>1,744.9</b>	<b>4,076.7</b>	<b>9,418.8</b>	<b>72.6</b>	<b>53.9</b>	<b>53.5</b>	<b>53.7</b>	<b>63.0</b>

TABLE 11. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 TO 19: FULL-TIME ATTENDANCE AT SCHOOL OR A TERTIARY EDUCATIONAL INSTITUTION, APRIL 1999

	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	137.4	173.6	35.1	* 3.2	38.3	211.9	21.5	233.4	18.1	90.8
Females	76.6	122.9	27.1	* 3.0	30.1	152.9	24.3	177.3	19.7	86.3
Persons	214.0	296.5	62.2	6.2	68.4	364.8	45.8	410.6	18.7	88.8
Left school —										
Before 1997	72.4	93.7	20.2	* 1.4	21.6	115.4	16.5	131.9	18.7	87.5
1997	79.1	105.7	20.9	* 1.7	22.7	128.3	13.2	141.5	17.7	90.7
1998 to survey date	62.5	97.1	21.1	* 3.0	24.1	121.1	16.1	137.2	19.9	88.3
Age —										
15	* 2.5	* 4.2	* 2.4	* 0.7	* 3.1	7.3	* 1.9	9.2	* 42.2	79.3
16	14.5	20.3	* 4.2	* 1.0	5.2	25.5	5.3	30.8	20.3	82.7
17	38.4	54.0	11.5	* 1.3	12.8	66.7	6.1	72.9	19.1	91.6
18	73.5	104.7	21.7	* 1.0	22.7	127.4	17.2	144.6	17.8	88.1
19	85.1	113.2	22.4	* 2.3	24.7	137.9	15.2	153.1	17.9	90.1
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME										
Males	4.4	50.1	* 3.1	10.6	13.7	63.8	53.3	117.0	21.5	54.5
Females	* 2.7	80.1	* 1.9	10.2	12.1	92.2	48.4	140.6	13.1	65.6
Persons	7.0	130.1	5.0	20.8	25.8	156.0	101.7	257.6	16.6	60.5
Left school —										
Before 1997	* 1.6	17.4	* 0.2	* 1.5	* 1.7	19.2	9.2	28.4	* 9.1	67.5
1997	* 3.4	55.6	* 1.9	6.8	8.7	64.3	36.8	101.1	13.5	63.6
1998 to survey date	* 2.0	57.1	* 2.9	12.5	15.4	72.4	55.7	128.1	21.2	56.6
Age —										
15 and 16	* 0.2	* 2.0	* 0.7	* 0.8	* 1.5	* 3.5	6.3	9.7	* 42.2	* 35.7
17	* 1.2	18.7	* 1.1	4.4	5.5	24.2	17.1	41.3	22.6	58.6
18	* 1.3	49.9	* 2.2	9.2	11.4	61.3	40.0	101.3	18.6	60.6
19	* 4.3	59.5	* 1.0	6.5	7.5	66.9	38.4	105.3	11.1	63.5
ATTENDING SCHOOL										
Males	5.0	96.7	* 2.6	20.1	22.8	119.5	210.2	329.6	19.1	36.2
Females	* 4.0	119.8	* 1.4	24.4	25.8	145.6	184.2	329.8	17.7	44.1
Persons	9.0	216.5	* 4.0	44.6	48.6	265.1	394.4	659.5	18.3	40.2
Age —										
15	* 2.2	71.9	* 0.8	21.0	21.8	93.7	161.9	255.6	23.2	36.7
16	* 4.1	80.2	* 1.4	14.4	15.7	95.9	133.5	229.4	16.4	41.8
17	* 2.3	58.4	* 0.9	8.3	9.2	67.6	84.1	151.7	13.6	44.6
18 and 19	* 0.4	5.9	* 1.0	* 0.9	* 1.9	7.8	14.8	22.7	* 24.5	34.6
TOTAL										
Males	146.8	320.4	40.8	33.9	74.8	395.2	284.9	680.0	18.9	58.1
Females	83.3	322.7	30.4	37.6	68.0	390.7	257.0	647.7	17.4	60.3
Persons	230.1	643.1	71.2	71.6	142.8	785.9	541.8	1,327.7	18.2	59.2
Age —										
15	4.7	76.2	* 3.5	21.7	25.2	101.3	165.4	266.7	24.8	38.0
16	18.8	102.6	5.9	16.1	22.0	124.6	143.5	268.1	17.7	46.5
17	42.0	131.1	13.5	13.9	27.4	158.5	107.3	265.8	17.3	59.6
18	74.9	159.6	24.6	11.0	35.6	195.2	69.2	264.4	18.2	73.8
19	89.6	173.6	23.7	8.9	32.5	206.2	56.5	262.7	15.8	78.5

(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, APRIL 1999**

	<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>					
<b>NOT ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME</b>										
Males	411.7	462.3	59.0	* 2.2	61.2	523.5	35.6	559.0	11.7	93.6
Females	288.4	387.5	36.8	8.8	45.6	433.0	92.4	525.5	10.5	82.4
Persons	700.1	849.8	95.7	11.0	106.7	956.5	128.0	1,084.5	11.2	88.2
Age —										
20	106.5	136.4	19.4	* 2.0	21.3	157.7	19.0	176.8	13.5	89.2
21	126.7	152.5	20.0	* 2.0	22.0	174.5	24.8	199.3	12.6	87.6
22	137.0	171.2	16.3	* 2.9	19.2	190.4	28.8	219.2	10.1	86.9
23	159.9	189.8	21.3	* 2.4	23.7	213.5	23.3	236.7	11.1	90.2
24	170.0	199.9	18.8	* 1.8	20.5	220.4	32.2	252.6	9.3	87.3
<b>ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME</b>										
Males	5.7	62.5	* 2.7	7.7	10.4	72.9	50.7	123.6	14.3	59.0
Females	5.0	69.7	* 2.3	8.4	10.7	80.4	57.5	137.9	13.3	58.3
Persons	10.7	132.1	5.0	16.1	21.1	153.3	108.2	261.4	13.8	58.6
Age —										
20	* 2.3	45.5	* 1.7	6.0	7.7	53.2	33.9	87.2	14.4	61.1
21	* 3.6	39.0	* 1.2	* 2.8	* 4.0	43.0	23.1	66.1	* 9.3	65.0
22	* 0.9	24.0	* 0.8	* 3.0	* 3.7	27.7	21.3	49.0	* 13.5	56.5
23	* 2.3	13.3	* 1.4	* 2.8	* 4.2	17.4	16.7	34.1	* 24.0	51.1
24	* 1.5	10.4	* 0.0	* 1.5	* 1.5	11.9	13.1	25.0	* 13.0	47.6
<b>TOTAL</b>										
Males	417.4	524.8	61.7	9.9	71.6	596.3	86.3	682.6	12.0	87.4
Females	293.4	457.1	39.1	17.3	56.3	513.4	149.9	663.3	11.0	77.4
Persons	<b>710.8</b>	<b>981.9</b>	<b>100.7</b>	<b>27.1</b>	<b>127.9</b>	<b>1,109.8</b>	<b>236.2</b>	<b>1,345.9</b>	<b>11.5</b>	<b>82.5</b>
Age —										
20	108.8	182.0	21.1	7.9	29.0	211.0	53.0	263.9	13.8	79.9
21	130.3	191.5	21.2	4.8	26.0	217.5	47.9	265.4	12.0	81.9
22	137.9	195.2	17.0	5.9	22.9	218.1	50.0	268.1	10.5	81.3
23	162.2	203.0	22.7	5.2	27.9	230.9	40.0	270.9	12.1	85.3
24	171.5	210.2	18.8	* 3.3	22.1	232.3	45.3	277.6	9.5	83.7

**TABLE 13. LABOUR FORCE PARTICIPATION RATES(a), BY AGE AND BIRTHPLACE, APRIL 1999 (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	84.6	67.2	75.9	79.5	56.4	68.0
15-19	61.5	63.9	62.7	40.3	37.2	38.9
20-24	91.2	80.5	86.0	74.0	63.5	68.6
25-34	93.5	70.5	81.9	89.9	62.7	76.1
35-44	92.5	71.9	82.2	91.3	64.3	77.4
45-54	89.1	71.4	80.3	85.8	64.3	75.2
55-59	73.2	47.1	59.8	70.1	38.6	55.9
60-64	46.5	20.0	32.8	45.6	14.2	30.8
65 and over	11.3	3.8	7.1	7.8	2.1	4.9
<b>Total</b>	<b>75.8</b>	<b>57.6</b>	<b>66.6</b>	<b>67.7</b>	<b>47.0</b>	<b>57.4</b>

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

TABLE 14. CIVILIAN LABOUR FORCE BY BIRTHPLACE(a), APRIL 1999

	Employed		Unemployed		Labour force	Unemployment rate - per cent -	Participation rate(b)
	Full-time workers	Total	Looking for full-time work - '000 -	Total			
<b>MALES</b>							
Born in Australia	3,216.3	3,699.8	241.5	287.5	3,987.3	7.2	75.8
Born outside Australia	1,082.9	1,240.1	95.8	114.8	1,354.9	8.5	67.7
Main English Speaking Countries	489.2	541.9	34.3	39.2	581.2	6.8	73.8
Other Countries	593.7	698.2	61.5	75.6	773.7	9.8	63.8
Oceania	131.7	146.0	13.0	14.0	160.0	8.7	83.7
New Zealand	105.5	116.7	8.4	9.4	126.0	7.4	86.4
Europe and the Former USSR	607.2	686.0	47.8	54.4	740.4	7.3	63.7
Germany	27.6	30.5	* 3.7	* 3.9	34.4	* 11.5	67.5
Greece	27.1	33.6	* 2.6	* 2.6	36.2	* 7.3	53.7
Italy	56.7	62.9	* 3.7	* 3.7	66.6	* 5.5	47.9
Netherlands	26.3	29.4	* 1.4	* 2.0	31.5	* 6.4	65.1
UK and Ireland	340.5	378.3	24.0	27.1	405.4	6.7	70.2
Former Yugoslav Republics	43.8	48.6	5.1	5.9	54.5	10.9	56.6
The Middle East and North Africa	47.5	57.4	9.5	10.8	68.2	15.8	63.7
Lebanon	17.8	21.0	4.8	5.1	26.1	19.5	65.5
Southeast Asia	107.7	126.7	13.4	16.6	143.2	11.6	71.5
Malaysia	22.7	25.1	* 1.2	* 1.5	26.5	* 5.5	65.7
Philippines	21.3	25.8	* 0.3	* 0.3	26.1	* 1.1	82.2
Viet Nam	35.4	37.8	9.3	10.5	48.3	21.8	68.7
Northeast Asia	53.5	66.0	* 2.9	5.4	71.4	7.6	59.7
China	29.2	33.7	* 1.0	* 1.3	35.0	* 3.8	65.2
The Americas	46.6	52.2	* 3.4	4.7	56.9	8.3	77.8
Other	88.9	105.9	5.8	9.0	114.9	7.8	78.1
India	28.5	36.2	* 1.3	* 3.1	39.3	* 7.9	80.4
<b>FEMALES</b>							
Born in Australia	1,604.8	2,919.1	139.1	223.8	3,143.0	7.1	57.6
Born outside Australia	505.2	854.6	51.1	79.1	933.7	8.5	47.0
Main English Speaking Countries	211.6	371.8	14.8	24.1	395.9	6.1	53.7
Other Countries	293.6	482.8	36.3	55.1	537.8	10.2	43.0
Oceania	68.8	110.3	7.9	13.1	123.4	10.6	63.2
New Zealand	51.2	84.5	* 3.6	6.4	90.9	7.1	64.8
Europe and the Former USSR	238.4	429.5	21.8	30.8	460.3	6.7	42.6
Germany	17.3	25.6	* 1.8	* 2.2	27.8	* 7.8	48.3
Greece	9.4	16.4	* 1.2	* 1.2	17.6	* 6.8	29.7
Italy	13.5	31.9	* 0.5	* 0.6	32.5	* 2.0	25.9
Netherlands	8.1	15.3	* 0.9	* 1.6	16.9	* 9.4	34.4
UK and Ireland	136.4	246.8	9.8	15.6	262.4	5.9	49.8
Former Yugoslav Republics	19.3	29.4	* 3.0	* 3.8	33.2	* 11.4	40.2
The Middle East and North Africa	14.5	24.5	* 2.3	5.7	30.1	18.8	30.8
Lebanon	5.2	6.9	* 0.8	* 2.0	8.9	* 22.8	24.6
Southeast Asia	81.6	120.9	11.5	16.5	137.4	12.0	53.6
Malaysia	11.1	21.7	* 1.2	* 1.6	23.3	* 6.9	55.5
Philippines	27.5	38.5	* 2.3	* 2.7	41.2	* 6.6	67.0
Viet Nam	23.0	28.9	5.4	7.2	36.1	19.9	46.0
Northeast Asia	30.6	50.0	* 2.7	* 3.8	53.8	* 7.1	41.4
China	14.7	21.9	* 1.7	* 2.0	23.9	* 8.4	38.8
The Americas	27.1	48.7	* 2.4	* 3.4	52.0	* 6.4	62.8
Other	44.1	70.7	* 2.5	5.9	76.7	7.7	53.4
India	15.1	23.2	* 1.2	* 1.6	24.8	* 6.5	55.6
<b>PERSONS</b>							
Born in Australia	4,821.1	6,618.9	380.6	511.3	7,130.2	7.2	66.6
Born outside Australia	1,588.1	2,094.7	146.9	193.9	2,288.6	8.5	57.4
Main English Speaking Countries	700.8	913.7	49.1	63.3	977.0	6.5	64.1
Other Countries	887.3	1,181.0	97.8	130.6	1,311.6	10.0	53.3
Oceania	200.5	256.3	20.9	27.1	283.4	9.6	73.3
New Zealand	156.8	201.1	12.1	15.8	216.9	7.3	75.8
Europe and the Former USSR	845.6	1,115.5	69.7	85.2	1,200.7	7.1	53.5
Germany	44.9	56.1	5.5	6.1	62.2	9.8	57.3
Greece	36.5	49.9	* 3.8	* 3.8	53.8	* 7.2	42.5
Italy	70.2	94.8	* 4.2	* 4.3	99.1	* 4.4	37.5
Netherlands	34.4	44.8	* 2.4	* 3.6	48.4	* 7.4	49.6
UK and Ireland	477.0	625.0	33.9	42.7	667.7	6.4	60.4
Former Yugoslav Republics	63.1	78.0	8.1	9.7	87.7	11.1	49.0
The Middle East and North Africa	62.0	81.9	11.8	16.4	98.3	16.7	48.0
Lebanon	23.1	27.9	5.6	7.1	35.0	20.3	46.0
Southeast Asia	189.3	247.5	24.9	33.1	280.6	11.8	61.5
Malaysia	33.8	46.8	* 2.4	* 3.1	49.8	* 6.2	60.5
Philippines	48.8	64.3	* 2.6	* 3.0	67.3	* 4.5	72.2
Viet Nam	58.5	66.7	14.7	17.7	84.4	21.0	56.7
Northeast Asia	84.0	116.0	5.6	9.2	125.2	7.4	50.2
China	43.9	55.6	* 2.7	* 3.3	58.9	* 5.7	51.1
The Americas	73.7	100.8	5.8	8.1	108.9	7.4	69.8
Other	133.0	176.7	8.3	14.9	191.5	7.8	65.9
India	43.6	59.4	* 2.6	4.7	64.1	7.3	68.6

(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, APRIL 1999**

Period of arrival	Born outside Australia													
	Oceania		Europe & the Former USSR		The Middle East and North Africa		South-east Asia	North-east Asia	The Americas	Other	Total			
	New Zealand	Other countries	U.K. and Ireland	Other countries	North Africa	East Asia	Asia	Asia	Americas		Males	Married	Total	Persons
	EMPLOYED ('000)													
Before 1976	37.9	9.2	373.6	346.7	32.3	28.3	12.8	34.9	44.7	568.3	266.8	352.2	920.5	
1976 — 1980	36.9	8.7	48.6	29.8	11.0	40.8	7.3	13.7	15.0	121.5	57.6	90.3	211.8	
1981 — 1985	35.2	10.4	67.7	40.6	11.1	56.9	12.5	13.7	20.7	144.3	75.7	124.6	268.9	
1986 — 1990	42.1	16.9	64.8	24.4	11.7	70.5	49.6	15.2	46.2	197.9	95.0	143.3	341.2	
1991 — 1995	24.8	7.1	34.6	33.1	11.6	34.7	20.1	11.6	28.3	117.3	62.9	88.5	205.8	
1996 to survey date	24.2	* 2.9	35.8	15.9	* 4.2	16.3	13.7	11.7	21.8	90.8	33.5	55.6	146.4	
UNEMPLOYED ('000)														
Before 1976	* 2.0	* 0.4	23.9	23.1	* 2.6	* 1.4	* 0.2	* 1.4	* 2.2	37.7	9.3	19.4	57.2	
1976 — 1980	* 2.4	* 0.5	* 3.7	* 2.8	* 2.0	* 3.3	* 0.3	* 0.7	* 0.3	10.1	* 3.0	6.0	16.0	
1981 — 1985	* 1.4	* 2.6	6.0	5.2	* 1.5	8.5	* 1.8	* 0.9	* 1.5	18.2	* 3.2	11.3	29.5	
1986 — 1990	5.7	* 3.4	* 3.3	* 4.0	4.4	8.2	* 3.2	* 2.9	* 3.6	22.1	8.6	16.6	38.7	
1991 — 1995	* 1.7	* 3.0	* 1.9	4.6	* 2.5	7.4	* 2.8	* 0.8	* 3.1	13.4	7.7	14.4	27.8	
1996 to survey date	* 2.5	* 1.3	* 4.0	* 2.8	* 3.3	* 4.3	* 1.0	* 1.4	* 4.1	13.2	7.9	11.5	24.7	
LABOUR FORCE ('000)														
Before 1976	39.9	9.6	397.5	369.8	35.0	29.8	13.0	36.3	46.9	606.1	276.1	371.6	977.7	
1976 — 1980	39.3	9.3	52.3	32.6	13.0	44.1	7.6	14.4	15.2	131.5	60.7	96.3	227.8	
1981 — 1985	36.7	13.0	73.7	45.8	12.6	65.5	14.3	14.6	22.2	162.5	78.9	135.9	298.4	
1986 — 1990	47.7	20.3	68.1	28.4	16.1	78.7	52.7	18.1	49.8	220.0	103.6	159.9	379.9	
1991 — 1995	26.6	10.1	36.4	37.7	14.1	42.1	22.9	12.4	31.5	130.7	70.6	102.9	233.6	
1996 to survey date	26.7	* 4.1	39.8	18.7	7.5	20.5	14.7	13.1	25.9	104.1	41.4	67.1	171.1	
UNEMPLOYMENT RATE (per cent)														
Before 1976	* 5.0	* 4.4	6.0	6.2	* 7.6	* 4.7	* 1.2	* 3.8	* 4.7	6.2	3.4	5.2	5.8	
1976 — 1980	* 6.1	* 5.7	* 7.0	* 8.5	* 15.7	* 7.5	* 4.4	* 4.7	* 1.8	7.7	* 5.0	6.2	7.0	
1981 — 1985	* 3.9	* 20.1	8.1	11.4	* 11.9	13.0	* 12.6	* 5.8	* 6.9	11.2	* 4.0	8.3	9.9	
1986 — 1990	11.9	* 16.9	* 4.9	* 14.1	27.4	10.4	* 6.0	* 16.2	* 7.3	10.1	8.3	10.4	10.2	
1991 — 1995	* 6.6	* 29.9	* 5.1	12.2	* 17.8	17.5	* 12.1	* 6.5	* 10.0	10.3	11.0	14.0	11.9	
1996 to survey date	* 9.4	* 30.5	* 10.0	* 15.2	* 44.3	* 20.8	* 6.6	* 10.7	* 15.8	12.7	19.1	17.1	14.4	
PARTICIPATION RATE(a) (per cent)														
Before 1976	69.6	76.2	52.9	41.7	40.6	69.7	44.7	71.9	62.3	59.0	42.0	38.6	49.1	
1976 — 1980	78.5	81.5	73.5	67.8	52.1	74.1	65.2	64.0	65.2	80.8	57.9	60.2	70.6	
1981 — 1985	78.3	74.6	78.7	72.9	60.9	68.8	61.1	66.5	73.7	82.3	64.2	63.2	72.4	
1986 — 1990	76.3	68.5	76.4	60.5	58.0	64.6	64.3	76.8	71.3	79.7	60.4	57.7	68.6	
1991 — 1995	80.7	49.8	75.8	67.3	47.5	54.0	41.3	73.4	65.9	74.4	53.2	49.2	60.7	
1996 to survey date	73.3	* 46.9	76.3	48.8	48.1	34.6	30.6	63.7	58.7	64.5	42.1	41.3	52.9	

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

**TABLE 16. EMPLOYED PERSONS: FULL-TIME AND PART-TIME WORKERS, BY AGE, APRIL 1999 ('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	146.8	417.4	1,120.7	1,177.5	984.9	273.2	125.5	53.3	4,299.2
Part-time workers	173.6	107.4	91.5	81.2	71.2	37.7	36.2	42.0	640.7
<b>Total</b>	<b>320.4</b>	<b>524.8</b>	<b>1,212.1</b>	<b>1,258.7</b>	<b>1,056.1</b>	<b>310.9</b>	<b>161.6</b>	<b>95.2</b>	<b>4,939.9</b>
MARRIED FEMALES									
Full-time workers	* 3.9	68.8	326.6	351.5	330.4	69.0	18.9	7.7	1,176.7
Part-time workers	* 3.5	31.9	230.0	376.3	290.2	72.7	30.7	16.5	1,051.8
<b>Total</b>	<b>7.3</b>	<b>100.6</b>	<b>556.6</b>	<b>727.8</b>	<b>620.6</b>	<b>141.7</b>	<b>49.6</b>	<b>24.2</b>	<b>2,228.5</b>
ALL FEMALES									
Full-time workers	83.3	293.4	614.5	507.2	474.3	98.5	27.5	11.2	2,110.0
Part-time workers	239.5	163.7	307.0	453.5	341.2	92.3	39.8	26.8	1,663.7
<b>Total</b>	<b>322.7</b>	<b>457.1</b>	<b>921.5</b>	<b>960.7</b>	<b>815.5</b>	<b>190.8</b>	<b>67.3</b>	<b>38.0</b>	<b>3,773.7</b>
PERSONS									
Full-time workers	230.1	710.8	1,735.2	1,684.7	1,459.2	371.7	153.0	64.5	6,409.2
Part-time workers	413.1	271.1	398.4	534.7	412.4	130.0	75.9	68.8	2,304.4
<b>Total</b>	<b>643.1</b>	<b>981.9</b>	<b>2,133.7</b>	<b>2,219.4</b>	<b>1,871.6</b>	<b>501.8</b>	<b>228.9</b>	<b>133.3</b>	<b>8,713.6</b>

TABLE 17. EMPLOYED PERSONS: HOURS WORKED, APRIL 1999

	Females			Total	Persons
	Males	Married	Not married		
	NUMBER EMPLOYED ('000)				
Weekly Hours worked —					
0	432.7	350.9	151.8	502.7	935.4
1-15	329.0	411.4	320.3	731.7	1,060.7
16-29	499.1	476.4	265.8	742.1	1,241.3
30-34	632.6	296.2	223.4	519.6	1,152.2
35-39	647.7	243.0	208.9	451.9	1,099.6
40	668.9	182.6	163.9	346.5	1,015.4
41-44	205.4	52.5	58.7	111.1	316.6
45-48	420.0	65.1	57.1	122.2	542.1
49 and over	1,104.4	150.5	95.5	245.9	1,350.3
<b>Total</b>	<b>4,939.9</b>	<b>2,228.5</b>	<b>1,545.2</b>	<b>3,773.7</b>	<b>8,713.6</b>
	WEEKLY HOURS WORKED				
Aggregate weekly hours worked (million)	180.0	53.9	40.6	94.6	274.6
By full-time workers	170.5	39.2	32.1	71.3	241.8
By part-time workers	9.5	14.7	8.6	23.3	32.8
Average weekly hours worked	36.4	24.2	26.3	25.1	31.5
By full-time workers	39.7	33.3	34.4	33.8	37.7
By part-time workers	14.9	14.0	14.0	14.0	14.2
Average weekly hours worked by persons who worked one hour or more in the reference week	39.9	28.7	29.2	28.9	35.3
By full-time workers	43.4	39.0	38.2	38.6	41.9
By part-time workers	16.6	16.9	15.4	16.3	16.4

TABLE 18. EMPLOYED PERSONS: EMPLOYMENT/POPULATION RATIOS BY AGE AND MARITAL STATUS, APRIL 1999 (per cent)

Age group	Males			Females			Persons
	Married	Not married	Total	Married	Not married	Total	
15-19	* 58.8	47.0	47.1	36.7	50.2	49.8	48.4
20-24	81.5	76.1	76.9	59.3	72.2	68.9	73.0
25-34	90.0	79.0	85.0	60.4	70.5	64.0	74.5
35-44	91.1	74.4	87.0	66.2	63.8	65.6	76.3
45-54	86.9	68.1	83.1	65.8	63.3	65.2	74.2
55-59	71.3	49.8	67.1	41.7	45.7	42.6	55.1
60-64	45.3	32.9	42.9	18.9	15.5	17.8	30.4
65 and over	10.5	6.4	9.4	4.3	1.9	2.9	5.8
<b>Total</b>	<b>71.3</b>	<b>60.9</b>	<b>67.1</b>	<b>51.5</b>	<b>47.4</b>	<b>49.7</b>	<b>58.3</b>

TABLE 19. FULL-TIME WORKERS WHO WORKED LESS THAN 35 HOURS, BY REASON, APRIL 1999 ('000)

Reason for working less than 35 hours	Females			Total	Persons
	Males	Married	Not married		
Leave, holiday or flexitime/personal reasons	1,040.9	425.7	292.5	718.2	1,759.1
Own illness or injury	91.3	29.0	35.0	64.1	155.3
Bad weather, plant breakdown, etc.	20.5	* 0.9	* 0.1	* 1.0	21.5
Began or left job in the reference week	5.5	* 0.7	* 3.1	* 3.8	9.3
Stood down, on short time, insufficient work	40.1	6.9	4.4	11.2	51.3
Shift work, standard work arrangements	38.7	16.6	11.3	27.9	66.6
Other reasons	15.9	* 3.3	* 2.8	6.0	22.0
<b>Total</b>	<b>1,252.8</b>	<b>483.1</b>	<b>349.3</b>	<b>832.4</b>	<b>2,085.2</b>

**TABLE 20. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY AGE, APRIL 1999**  
(<sup>'000</sup>)

	<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>	
<b>MALES</b>							
<i>Total</i>	173.6	107.4	91.5	81.2	71.2	115.9	640.7
Preferred not to work more hours	129.5	65.5	46.0	44.9	42.1	95.2	423.3
Preferred to work more hours	44.1	41.8	45.4	36.3	29.1	20.7	217.4
Had actively looked for full-time work in the four weeks to the end of the reference week	14.8	16.0	25.3	18.8	12.3	6.1	93.4
<b>MARRIED FEMALES</b>							
<i>Total</i>	* 3.5	31.9	230.0	376.3	290.2	120.0	1,051.8
Preferred not to work more hours	* 1.6	19.5	193.1	309.0	251.3	111.6	886.0
Preferred to work more hours	* 1.8	12.4	36.9	67.3	38.9	8.4	165.7
Had actively looked for full-time work in the four weeks to the end of the reference week	* 0.4	6.4	13.4	16.0	7.7	* 0.9	44.8
<b>ALL FEMALES</b>							
<i>Total</i>	239.5	163.7	307.0	453.5	341.2	158.9	1,663.7
Preferred not to work more hours	185.7	100.5	240.5	359.2	284.0	143.6	1,313.5
Preferred to work more hours	53.8	63.2	66.5	94.2	57.2	15.3	350.2
Had actively looked for full-time work in the four weeks to the end of the reference week	19.8	33.1	23.8	25.3	11.7	* 1.9	115.6
<b>PERSONS</b>							
<b>Total</b>	<b>413.1</b>	<b>271.1</b>	<b>398.4</b>	<b>534.7</b>	<b>412.4</b>	<b>274.8</b>	<b>2,304.4</b>
Preferred not to work more hours	315.2	166.1	286.5	404.2	326.1	238.8	1,736.8
Preferred to work more hours	97.9	105.0	111.9	130.5	86.3	36.0	567.6
Had actively looked for full-time work in the four weeks to the end of the reference week	34.6	49.1	49.1	44.1	24.0	8.0	208.9

**TABLE 21. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY HOURS WORKED, APRIL 1999**  
(<sup>'000</sup>)

	<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>		
<b>MALES</b>								
<i>Total</i>	71.6	115.2	85.3	116.7	110.9	75.8	65.2	640.7
Preferred not to work more hours	47.5	76.0	57.7	75.5	66.3	53.0	47.3	423.3
Preferred to work more hours	24.1	39.2	27.6	41.2	44.6	22.8	17.9	217.4
Had actively looked for full-time work in the four weeks to the end of the reference week	10.5	20.8	13.2	16.4	15.8	9.0	7.6	93.4
<b>MARRIED FEMALES</b>								
<i>Total</i>	101.5	153.2	131.0	182.4	203.6	100.4	179.8	1,051.8
Preferred not to work more hours	79.7	122.6	107.4	159.2	173.4	88.6	155.1	886.0
Preferred to work more hours	21.8	30.6	23.6	23.1	30.2	11.7	24.6	165.7
Had actively looked for full-time work in the four weeks to the end of the reference week	4.9	7.2	6.6	6.8	10.4	* 3.5	5.4	44.8
<b>ALL FEMALES</b>								
<i>Total</i>	167.6	294.3	229.0	275.7	302.0	157.3	237.8	1,663.7
Preferred not to work more hours	125.6	225.9	176.7	221.8	237.8	125.7	200.0	1,313.5
Preferred to work more hours	42.0	68.4	52.2	53.9	64.2	31.6	37.7	350.2
Had actively looked for full-time work in the four weeks to the end of the reference week	12.0	21.6	18.3	20.9	22.5	11.2	9.1	115.6
<b>PERSONS</b>								
<b>Total</b>	<b>239.2</b>	<b>409.5</b>	<b>314.3</b>	<b>392.4</b>	<b>412.9</b>	<b>233.2</b>	<b>302.9</b>	<b>2,304.4</b>
Preferred not to work more hours	173.1	301.9	234.5	297.3	304.1	178.7	247.3	1,736.8
Preferred to work more hours	66.2	107.5	79.8	95.1	108.8	54.5	55.7	567.6
Had actively looked for full-time work in the four weeks to the end of the reference week	22.5	42.4	31.6	37.3	38.3	20.2	16.7	208.9

**TABLE 22. UNEMPLOYED PERSONS: STATES, BY AGE, APRIL 1999**  
(<sup>'000</sup>)

Age group	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Australia
<b>MALES</b>							
15-19	20.2	21.7	16.7	5.2	6.8	2.2	74.8
20-24	20.3	20.3	14.2	6.6	5.7	2.9	71.6
25-34	29.7	27.6	15.6	8.6	10.0	3.2	97.1
35-44	20.1	16.2	16.3	5.7	6.4	2.3	68.4
45 and over	25.0	25.4	18.0	9.1	8.9	3.1	90.4
<i>Total</i>	<i>115.5</i>	<i>111.3</i>	<i>80.8</i>	<i>35.2</i>	<i>37.8</i>	<i>13.6</i>	<i>402.2</i>
<b>FEMALES</b>							
15-19	18.8	16.9	15.2	5.5	8.4	1.7	68.0
20-24	18.1	13.6	11.8	4.2	6.8	1.3	56.3
25-34	25.6	16.1	12.6	3.8	6.8	1.5	67.7
35-44	18.0	15.1	12.0	4.7	5.7	1.2	57.7
45 and over	18.0	12.1	9.7	5.8	4.7	1.4	53.3
<i>Total</i>	<i>98.5</i>	<i>73.8</i>	<i>61.2</i>	<i>24.0</i>	<i>32.4</i>	<i>7.2</i>	<i>302.9</i>
<b>PERSONS</b>							
Looking for full-time work —							
15-19	20.5	17.0	16.9	6.1	7.1	2.4	71.2
20-24	28.9	27.2	21.0	9.1	9.2	3.5	100.7
25-34	44.3	34.1	23.8	10.4	13.4	3.8	132.7
35-44	28.2	25.4	23.0	9.7	9.1	2.7	100.3
45-54	26.7	23.8	16.6	8.8	7.2	2.3	86.9
55 and over	9.3	9.6	6.5	3.8	4.3	1.5	35.7
<i>Total looking for full-time work</i>	<i>158.1</i>	<i>137.3</i>	<i>107.7</i>	<i>47.9</i>	<i>50.3</i>	<i>16.1</i>	<i>527.5</i>
Total —							
15-19	39.1	38.6	31.9	10.8	15.2	3.9	142.8
20-24	38.4	33.9	26.0	10.8	12.5	4.2	127.9
25-34	55.3	43.8	28.2	12.5	16.8	4.7	164.8
35-44	38.2	31.4	28.3	10.3	12.1	3.5	126.0
45-54	32.2	27.3	19.9	10.6	8.4	2.8	103.1
55 and over	10.8	10.2	7.8	4.3	5.2	1.7	40.6
<b>Total</b>	<b>214.0</b>	<b>185.1</b>	<b>142.0</b>	<b>59.2</b>	<b>70.2</b>	<b>20.8</b>	<b>705.2</b>

**TABLE 23. UNEMPLOYED PERSONS AGED 15-19:  
DURATION OF UNEMPLOYMENT AND SCHOOL ATTENDANCE, APRIL 1999**

	<i>Not attending school</i>			<i>Total</i>
	<i>Attending school</i>	<i>Left school before 1998</i>	<i>Left school 1998 to survey date</i>	
	NUMBER ( <sup>'000</sup> )			
Duration of unemployment (weeks) —				
Under 4	15.7	13.0	6.5	35.2
4 and under 13	12.1	11.9	11.1	35.1
13 and under 26	11.0	11.2	16.7	38.9
26 and over	9.8	18.7	5.1	33.6
<i>Total</i>	<i>48.6</i>	<i>54.7</i>	<i>39.5</i>	<i>142.8</i>
<b>DURATION OF UNEMPLOYMENT (weeks)</b>				
Average duration —				
Males	11.8	27.3	14.9	18.8
Females	19.0	34.9	15.7	24.1
Persons	15.6	30.8	15.3	21.4
Looking for full-time work	* 18.3	34.6	16.7	27.6
Looking for part-time work	15.4	16.6	13.1	15.1
Median duration —				
Males	5	13	14	12
Females	13	14	13	13
Persons	8	13	14	13
Looking for full-time work	* 12	15	14	14
Looking for part-time work	8	* 8	13	8

**TABLE 24. UNEMPLOYED PERSONS: BY AGE AND WHETHER LOOKING FOR FULL-TIME OR PART-TIME WORK, APRIL 1999**

	Number unemployed ('000)					Unemployment rate (per cent)				
	Males		Females		Persons	Males		Females		Persons
	Married	Total	Married	Total		Married	Total	Married	Total	
<b>LOOKING FOR FULL-TIME WORK</b>										
Total	131.6	337.3	66.1	190.2	527.5	4.3	7.3	5.3	8.3	7.6
Aged 15-19	* 0.7	40.8	* 4.0	30.4	71.2	* 19.3	21.8	50.8	26.7	23.6
Looking for first job	* 0.1	22.2	* 1.6	19.0	41.3	..	..	..	..	..
Attending school	* 0.0	* 2.6	* 0.0	* 1.4	* 4.0	n.a.	n.a.	n.a.	n.a.	n.a.
Attending a tertiary educational institution full time	* 0.0	* 3.1	* 0.2	* 1.9	5.0	n.a.	n.a.	n.a.	n.a.	n.a.
Aged 20 and over	130.9	296.5	62.1	159.8	456.3	4.3	6.7	5.0	7.3	6.9
20-24	10.2	61.7	6.6	39.1	100.7	12.0	12.9	8.7	11.7	12.4
Looking for first job	* 1.1	10.9	* 0.8	9.4	20.3	..	..	..	..	..
25-34	34.7	87.7	20.0	45.0	132.7	4.9	7.3	5.8	6.8	7.1
35-44	32.9	63.4	16.6	36.8	100.3	3.4	5.1	4.5	6.8	5.6
45-54	33.0	53.6	15.2	33.3	86.9	3.8	5.2	4.4	6.6	5.6
55 and over	20.0	30.0	* 3.7	5.7	35.7	4.9	6.2	* 3.7	4.0	5.7
Aged 15-64	131.0	336.7	66.1	190.2	526.9	4.4	7.3	5.3	8.3	7.7
<b>LOOKING FOR PART-TIME WORK</b>										
Total	11.9	64.9	37.2	112.7	177.7	4.7	9.2	3.4	6.3	7.2
Aged 15-19	* 0.0	33.9	* 0.4	37.6	71.6	* 0.0	16.4	* 11.0	13.6	14.8
Attending school	* 0.0	20.1	* 0.0	24.4	44.6	* 0.0	18.0	* 0.0	17.4	17.7
Attending a tertiary educational institution full time	* 0.0	10.6	* 0.0	10.2	20.8	* 0.0	18.8	* 0.0	11.7	14.5
Aged 20 and over	11.9	31.0	36.7	75.1	106.1	4.7	6.2	3.4	5.0	5.3
20-24	* 1.4	9.9	* 3.7	17.3	27.1	* 22.3	8.4	* 10.5	9.5	9.1
Attending a tertiary educational institution full time	* 0.6	7.7	* 1.2	8.4	16.1	* 33.8	12.0	* 24.2	11.5	11.7
25-34	* 3.1	9.4	12.7	22.7	32.0	* 7.9	9.3	5.2	6.9	7.4
35-44	* 2.1	4.9	11.9	20.8	25.8	* 3.9	5.7	3.1	4.4	4.6
45 and over	5.3	6.8	8.4	14.3	21.1	3.4	3.5	2.0	2.8	3.0
Aged 15-64	11.6	64.2	37.2	112.4	176.6	5.3	9.7	3.5	6.4	7.3
<b>TOTAL</b>										
Total	143.5	402.2	103.2	302.9	705.2	4.4	7.5	4.4	7.4	7.5
Aged 15-19	* 0.7	74.8	4.4	68.0	142.8	* 18.3	18.9	37.7	17.4	18.2
Attending school	* 0.0	22.8	* 0.0	25.8	48.6	* 0.0	19.1	* 0.0	17.7	18.3
Attending a tertiary educational institution full time	* 0.0	13.7	* 0.2	12.1	25.8	* 0.0	21.5	* 26.1	13.1	16.6
Aged 20 and over(a)	142.8	327.5	98.8	234.9	562.4	4.3	6.6	4.3	6.4	6.5
20-24	11.6	71.6	10.3	56.3	127.9	12.7	12.0	9.3	11.0	11.5
Attending a tertiary educational institution full time	* 0.6	10.4	* 1.2	10.7	21.1	* 30.9	14.3	* 24.2	13.3	13.8
25-34	37.8	97.1	32.7	67.7	164.8	5.1	7.4	5.5	6.8	7.2
35-44	35.0	68.4	28.5	57.7	126.0	3.4	5.2	3.8	5.7	5.4
45-54	35.6	57.0	23.1	46.1	103.1	3.9	5.1	3.6	5.4	5.2
55-59	14.3	21.3	* 3.9	6.6	27.9	5.1	6.4	* 2.7	3.4	5.3
60-64	7.6	10.9	* 0.3	* 0.3	11.1	5.2	6.3	* 0.5	* 0.4	4.6
Aged 15-64	142.6	400.9	103.2	302.6	703.6	4.4	7.6	4.5	7.5	7.6

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

**TABLE 25. UNEMPLOYED PERSONS: BIRTHPLACE BY AGE, APRIL 1999**

	Number unemployed ('000)			Unemployment rate (per cent)		
	Males	Females	Persons	Males	Females	Persons
	<b>BORN IN AUSTRALIA</b>					
Total	287.5	223.8	511.3	7.2	7.1	7.2
Looking for full-time work	241.5	139.1	380.6	7.0	8.0	7.3
Looking for part-time work	45.9	84.7	130.7	8.7	6.1	6.8
Aged 15-19	62.8	60.3	123.1	17.6	16.8	17.2
Aged 20 and over	224.6	163.5	388.1	6.2	5.9	6.1
20-24	59.0	46.3	105.4	11.5	10.6	11.1
25-34	71.0	49.0	119.9	6.9	6.2	6.6
35-44	46.7	36.5	83.2	4.9	4.9	4.9
45-54	30.6	27.2	57.8	4.1	4.6	4.3
55 and over	17.3	4.5	21.8	4.5	2.0	3.6
Aged 15-64	286.4	223.5	509.9	7.3	7.2	7.3
<b>BORN OUTSIDE AUSTRALIA</b>						
Total	114.8	79.1	193.9	8.5	8.5	8.5
Looking for full-time work	95.8	51.1	146.9	8.1	9.2	8.5
Looking for part-time work	19.0	28.0	47.0	10.8	7.4	8.5
Aged 15-19	12.0	7.7	19.7	31.7	24.9	28.7
Aged 20 and over	102.8	71.5	174.3	7.8	7.9	7.8
20-24	12.5	10.0	22.5	15.1	13.3	14.2
25-34	26.1	18.7	44.8	9.5	9.5	9.5
35-44	21.7	21.1	42.8	5.8	7.6	6.6
45-54	26.3	19.0	45.3	7.1	7.0	7.0
55 and over	16.2	* 2.7	18.8	7.5	* 3.3	6.4
Aged 15-64	114.6	79.1	193.7	8.6	8.5	8.6

**TABLE 27. UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT BY AGE, MARITAL STATUS AND FULL-TIME/PART-TIME STATUS, APRIL 1999**  
(\*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
<b>MALES</b>									
— '000 —									
Under 52	67.1	52.7	64.7	67.2	267.0	85.5	181.5	210.4	56.6
under 2	9.6	5.4	6.5	8.3	30.5	9.1	21.4	18.3	12.2
2 and under 4	8.9	6.6	10.9	7.5	35.7	12.9	22.8	24.8	10.9
4 and under 8	11.6	6.5	10.8	6.9	38.6	12.7	25.9	29.4	9.2
8 and under 13	8.9	7.8	8.5	8.5	35.6	11.0	24.6	30.2	5.4
13 and under 26	21.7	16.3	15.4	18.4	74.4	21.1	53.3	60.3	14.1
26 and under 39	5.0	8.7	9.0	10.0	37.2	12.7	24.5	33.2	* 4.0
39 and under 52	* 1.4	* 1.2	* 3.5	7.7	15.0	6.1	8.9	14.2	* 0.8
52 and over	7.7	18.9	32.4	58.2	135.2	58.0	77.2	126.9	8.3
52 and under 65	4.5	* 3.9	8.5	7.4	26.5	8.7	17.8	24.3	* 2.2
65 and under 104	* 1.1	4.5	6.9	11.6	25.7	10.0	15.7	23.7	* 2.0
104 and over	* 2.1	10.5	16.9	39.2	83.0	39.3	43.8	78.9	* 4.2
<b>Total</b>	<b>74.8</b>	<b>71.6</b>	<b>97.1</b>	<b>125.4</b>	<b>402.2</b>	<b>143.5</b>	<b>258.7</b>	<b>337.3</b>	<b>64.9</b>
— weeks —									
Average duration —	18.8	45.0	55.7	84.9	62.0	74.4	55.1	69.3	24.3
Median duration —	12	16	20	42	21	27	18	26	8
<b>FEMALES</b>									
— '000 —									
Under 52	56.1	42.9	52.5	72.7	228.5	80.2	148.3	134.9	93.6
under 2	7.2	* 4.3	5.6	8.8	26.8	11.6	15.2	11.8	15.0
2 and under 4	9.5	6.4	11.3	11.1	39.1	18.1	21.0	17.4	21.7
4 and under 8	7.4	5.2	7.6	13.6	34.7	12.9	21.8	20.6	14.1
8 and under 13	7.2	9.8	9.5	11.2	38.1	12.3	25.8	23.0	15.1
13 and under 26	17.2	12.5	10.7	14.5	55.3	13.8	41.5	38.4	16.9
26 and under 39	4.4	* 2.6	6.2	10.4	24.2	9.3	14.9	15.7	8.4
39 and under 52	* 3.2	* 2.1	* 1.6	* 3.1	10.3	* 2.1	8.1	7.9	* 2.4
52 and over	11.9	13.4	15.2	31.0	74.5	23.1	51.4	55.3	19.1
52 and under 65	6.1	* 3.5	* 4.3	5.3	19.5	4.5	15.0	13.4	6.2
65 and under 104	* 2.5	* 2.9	* 2.5	4.4	12.8	* 2.8	10.1	7.8	5.0
104 and over	* 3.2	7.1	8.3	21.3	42.1	15.8	26.4	34.2	7.9
<b>Total</b>	<b>68.0</b>	<b>56.3</b>	<b>67.7</b>	<b>103.8</b>	<b>302.9</b>	<b>103.2</b>	<b>199.7</b>	<b>190.2</b>	<b>112.7</b>
— weeks —									
Average duration —	24.1	36.6	37.6	52.4	40.8	39.7	41.3	50.3	24.7
Median duration —	13	13	12	15	14	11	15	17	8
<b>PERSONS</b>									
— '000 —									
Under 52	123.2	95.5	117.2	139.9	495.5	165.7	329.8	345.3	150.2
under 2	16.8	9.7	12.1	17.1	57.3	20.7	36.6	30.1	27.2
2 and under 4	18.4	13.0	22.2	18.6	74.8	31.0	43.8	42.3	32.5
4 and under 8	19.0	11.7	18.4	20.5	73.3	25.6	47.7	50.0	23.3
8 and under 13	16.1	17.6	18.0	19.8	73.7	23.3	50.4	53.2	20.5
13 and under 26	38.9	28.8	26.1	32.9	129.8	34.9	94.8	98.7	31.0
26 and under 39	9.4	11.3	15.2	20.4	61.4	21.9	39.4	48.9	12.5
39 and under 52	4.6	* 3.4	5.1	10.8	25.3	8.2	17.1	22.1	* 3.2
52 and over	19.6	32.3	47.5	89.2	209.7	81.1	128.6	182.2	27.5
52 and under 65	10.6	7.4	12.8	12.7	46.0	13.3	32.7	37.7	8.3
65 and under 104	* 3.6	7.4	9.5	16.0	38.5	12.8	25.7	31.4	7.1
104 and over	5.4	17.5	25.2	60.5	125.2	55.0	70.1	113.1	12.1
<b>Total</b>	<b>142.8</b>	<b>127.9</b>	<b>164.8</b>	<b>229.1</b>	<b>705.2</b>	<b>246.7</b>	<b>458.4</b>	<b>527.5</b>	<b>177.7</b>
— weeks —									
Average duration —	21.4	41.3	48.3	70.2	52.9	59.9	49.1	62.4	24.6
Median duration —	13	15	15	26	17	17	16	22	8

(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-									per cent		
ORIGINAL												
1998 —												
February	73.8	47.2	121.0	93.3	47.2	140.5	167.0	94.5	261.5	34.8	26.4	31.2
March	68.9	38.7	107.6	92.4	44.8	137.2	161.3	83.5	244.8	35.3	24.4	30.6
April	64.7	41.5	106.2	84.8	43.5	128.3	149.5	85.0	234.5	36.0	26.8	32.0
May	62.0	38.0	100.0	83.2	46.9	130.1	145.2	84.8	230.0	33.7	27.9	31.3
June	60.3	35.9	96.2	82.8	44.3	127.1	143.1	80.3	223.3	33.2	26.5	30.4
July	63.4	40.0	103.3	88.1	45.8	133.9	151.5	85.8	237.3	35.2	29.1	32.8
August	68.1	37.4	105.5	90.6	47.6	138.1	158.7	84.9	243.6	36.5	29.3	33.6
September	66.5	43.2	109.7	99.5	46.4	145.9	166.0	89.6	255.6	37.5	28.1	33.5
October	64.3	35.4	99.7	83.4	47.1	130.5	147.7	82.5	230.2	37.4	28.6	33.7
November	59.1	37.2	96.3	99.3	46.6	145.9	158.5	83.8	242.2	38.6	28.3	34.3
December	55.3	40.7	96.0	85.7	43.9	129.6	141.0	84.6	225.6	34.2	29.0	32.0
1999 —												
January	62.6	41.4	104.0	91.9	42.0	133.9	154.5	83.4	237.9	34.5	27.1	31.5
February	58.5	41.1	99.6	96.3	47.8	144.1	154.9	88.9	243.7	34.9	26.4	31.2
March	55.5	36.9	92.4	85.1	43.8	128.9	140.5	80.7	221.2	34.7	24.4	30.0
April	52.2	32.3	84.5	83.0	42.1	125.2	135.2	74.5	209.7	33.6	24.6	29.7
SEASONALLY ADJUSTED												
1998 —												
February	69.7	40.8	110.5	84.7	43.1	127.8	154.4	83.8	238.3	35.2	27.1	31.8
March	67.0	37.7	104.7	85.9	43.8	129.7	152.9	81.5	234.4	34.7	25.7	30.9
April	66.5	42.8	109.3	85.7	43.3	129.0	152.3	86.1	238.4	36.0	27.5	32.4
May	63.1	39.8	103.0	86.4	47.7	134.1	149.6	87.5	237.1	34.1	28.1	31.6
June	64.6	39.9	104.5	84.9	46.2	131.1	149.5	86.1	235.6	33.5	26.8	30.7
July	64.0	41.5	105.6	94.8	48.0	142.9	158.9	89.6	248.4	35.4	28.3	32.5
August	67.8	40.3	108.2	94.2	47.3	141.6	162.1	87.7	249.8	36.2	28.5	33.0
September	64.3	41.3	105.6	93.7	45.5	139.2	158.0	86.8	244.7	36.2	27.3	32.5
October	64.5	36.5	100.9	88.8	44.8	133.6	153.3	81.2	234.5	36.7	27.2	32.7
November	59.6	36.8	96.4	100.4	45.4	145.8	160.0	82.2	242.1	37.4	26.1	32.6
December	57.2	39.4	96.6	85.6	45.8	131.5	142.8	85.3	228.0	34.4	28.9	32.1
1999 —												
January	60.1	39.7	99.8	90.7	45.8	136.5	150.8	85.5	236.3	36.8	29.1	33.6
February	55.3	35.5	90.8	87.4	43.7	131.0	142.7	79.2	221.9	35.1	27.3	31.9
March	53.9	36.0	89.9	79.2	42.9	122.1	133.1	78.9	212.0	34.2	25.8	30.5
April	53.7	33.3	86.9	84.1	41.8	125.8	137.8	75.0	212.8	33.7	25.2	30.1
TREND SERIES												
1998 —												
February	70.4	40.7	111.1	84.2	42.5	126.7	154.5	83.3	237.8	35.4	26.4	31.6
March	67.8	40.4	108.2	84.3	43.6	127.9	152.1	84.0	236.1	35.0	26.7	31.5
April	65.8	40.3	106.2	85.6	45.0	130.5	151.4	85.3	236.7	34.7	27.1	31.5
May	64.9	40.5	105.4	87.2	46.0	133.3	152.1	86.5	238.7	34.6	27.5	31.6
June	64.9	40.7	105.6	89.1	46.7	135.8	154.1	87.3	241.4	34.8	27.7	31.9
July	65.1	40.5	105.6	91.0	46.9	137.9	156.1	87.4	243.6	35.2	27.8	32.1
August	64.9	40.1	105.0	92.6	46.7	139.3	157.5	86.8	244.3	35.7	27.7	32.4
September	64.2	39.5	103.7	93.7	46.3	140.0	157.9	85.8	243.7	36.2	27.6	32.6
October r	63.0	39.0	102.0	93.7	45.9	139.6	156.7	84.9	241.6	36.5	27.7	32.8
November r	61.2	38.5	99.7	92.5	45.5	138.0	153.7	84.0	237.8	36.4	27.7	32.8
December r	59.2	38.0	97.2	90.5	45.1	135.7	149.8	83.1	232.9	36.1	27.7	32.6
1999 —												
January r	57.5	37.4	94.9	88.4	44.6	133.0	145.8	82.0	227.8	35.6	27.5	32.2
February r	56.0	36.6	92.6	86.2	44.0	130.2	142.2	80.7	222.8	35.1	27.2	31.7
March r	54.7	35.8	90.5	84.2	43.3	127.5	138.9	79.1	218.0	34.6	26.7	31.2
April	53.6	35.1	88.8	82.6	42.7	125.2	136.2	77.8	214.0	34.1	26.2	30.7

**TABLE 28. UNEMPLOYED PERSONS: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB  
AND DURATION OF UNEMPLOYMENT, APRIL 1999  
(’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>	58.0	82.9	68.5	52.7	43.6	203.6	102.1	305.7
<b>Industry division —</b>								
Agriculture, Forestry and Fishing	* 4.1	4.4	* 4.2	* 1.8	* 3.6	14.2	* 3.8	18.0
Manufacturing	8.5	14.7	10.2	10.8	8.3	41.2	11.3	52.5
Construction	6.2	8.1	10.9	5.3	* 4.2	33.9	* 0.8	34.8
Wholesale Trade	* 3.9	7.3	* 4.3	* 3.2	* 3.1	15.2	6.5	21.7
Retail Trade	8.4	11.2	8.5	7.9	6.3	20.4	21.9	42.2
Accommodation, Cafes and Restaurants	4.4	6.4	4.8	* 3.8	* 2.1	11.3	10.1	21.4
Transport and Storage	* 2.1	* 3.4	5.0	* 1.0	* 2.0	10.3	* 3.1	13.4
Property and Business Services	7.0	8.7	5.4	5.0	* 2.1	17.8	10.3	28.2
Government Administration and Defence	* 1.4	* 2.0	* 2.2	* 3.4	* 2.0	8.5	* 2.4	10.9
Education	* 3.2	* 1.7	* 3.3	* 1.6	* 1.2	* 4.0	7.1	11.1
Health and Community Services	* 2.0	6.0	* 4.0	* 1.6	* 3.3	4.6	12.3	16.9
Cultural and Recreational Services	* 1.0	* 2.4	* 1.5	* 0.6	* 1.4	4.6	* 2.3	6.9
Personal and Other Services	* 1.8	* 2.5	* 2.0	* 2.6	* 1.3	5.2	5.0	10.2
Other industries	* 4.1	* 4.2	* 2.4	* 4.2	* 2.5	12.2	5.3	17.5
<b>Occupation group —</b>								
Managers and Administrators	* 1.3	* 1.8	* 1.6	* 1.8	* 0.7	6.3	* 0.9	7.2
Professionals	4.4	5.4	* 4.1	* 4.1	* 3.1	10.0	11.0	21.0
Associate Professionals	4.5	7.4	4.8	4.6	* 2.9	16.7	7.5	24.2
Tradespersons and Related Workers	9.5	14.0	9.8	7.5	6.5	42.3	5.0	47.3
Advanced Clerical and Service Workers	* 3.5	* 2.2	* 1.5	* 1.1	* 0.7	* 3.0	5.9	8.9
Intermediate Clerical, Sales and Service Workers	9.6	13.7	9.5	7.2	4.5	15.6	29.0	44.6
Intermediate Production and Transport Workers	4.6	9.7	8.6	7.5	7.8	33.9	* 4.2	38.1
Elementary Clerical, Sales and Service Workers	6.7	9.6	7.8	6.0	4.9	13.8	21.1	34.9
Labourers and Related Workers	13.8	19.1	20.9	13.0	12.6	61.8	17.7	79.4
<i>Other</i>	44.0	64.1	61.2	34.0	166.1	185.3	184.0	369.3
Looking for first job	27.0	36.0	38.6	15.2	31.8	72.4	76.2	148.6
Looking for full-time work	8.1	16.3	18.5	9.7	21.9	39.4	35.0	74.5
Former workers	17.0	28.1	22.6	18.8	134.3	112.9	107.8	220.8
Stood down	30.1	..	..	..	..	13.4	16.8	30.1
<b>Total</b>	<b>132.1</b>	<b>147.0</b>	<b>129.8</b>	<b>86.7</b>	<b>209.7</b>	<b>402.2</b>	<b>302.9</b>	<b>705.2</b>

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>1998 —</i>											
February	262.2	132.2	24.8	168.2	250.9	838.3	31.3	15.8	3.0	20.1	29.9
March	246.4	126.7	20.8	163.7	241.4	799.0	30.8	15.9	2.6	20.5	30.2
April	222.0	109.5	22.1	141.9	237.8	733.3	30.3	14.9	3.0	19.4	32.4
May	230.6	107.1	18.4	138.0	241.7	735.8	31.3	14.6	2.5	18.8	32.8
June	235.2	112.9	21.4	138.1	226.1	733.7	32.1	15.4	2.9	18.8	30.8
July	220.8	105.5	27.2	132.3	238.5	724.3	30.5	14.6	3.8	18.3	32.9
August	225.7	109.1	18.5	133.3	237.8	724.4	31.2	15.1	2.6	18.4	32.8
September	222.0	108.0	26.0	151.7	254.6	762.3	29.1	14.2	3.4	19.9	33.4
October	195.8	97.7	23.2	135.3	230.7	682.7	28.7	14.3	3.4	19.8	33.8
November	201.8	90.4	15.3	146.7	252.5	706.7	28.6	12.8	2.2	20.8	35.7
December	185.3	100.9	16.8	181.3	220.0	704.3	26.3	14.3	2.4	25.7	31.2
<i>1999 —</i>											
January	218.9	103.7	23.6	186.5	221.8	754.5	29.0	13.7	3.1	24.7	29.4
February	224.2	111.5	17.8	173.0	254.4	780.9	28.7	14.3	2.3	22.2	32.6
March	194.7	116.5	26.6	166.5	232.2	736.4	26.4	15.8	3.6	22.6	31.5
April	197.6	108.1	30.1	148.6	220.8	705.2	28.0	15.3	4.3	21.1	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, APRIL 1999 ('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	* 4.1	* 1.2	5.3	12.2	* 3.5	15.7	* 2.0	* 0.3	* 2.3	18.0
Manufacturing	21.0	* 4.2	25.3	29.1	7.4	36.6	12.1	* 3.9	16.0	52.5
Construction	17.2	* 0.2	17.4	27.1	* 0.4	27.5	6.8	* 0.4	7.3	34.8
Wholesale Trade	5.5	* 3.2	8.7	8.5	* 4.2	12.7	6.8	* 2.2	9.0	21.7
Retail Trade	8.5	6.1	14.6	13.0	9.8	22.8	7.4	12.1	19.5	42.2
Accommodation, Cafes & Restaurants	* 2.8	* 1.9	4.7	4.4	* 2.8	7.3	6.9	7.2	14.1	21.4
Transport and Storage	5.5	* 0.9	6.4	7.7	* 1.6	9.2	* 2.7	* 1.5	* 4.2	13.4
Government Administration & Defence	* 4.1	* 0.5	4.6	6.1	* 1.9	8.0	* 2.4	* 0.5	* 2.9	10.9
Education	* 0.9	* 1.1	* 2.0	* 2.8	5.2	8.0	* 1.1	* 1.9	* 3.0	11.1
Health and Community Services	* 1.2	* 3.8	5.0	* 2.2	7.3	9.5	* 2.5	5.0	7.4	16.9
Cultural and Recreational Services	* 1.4	* 0.4	* 1.8	* 2.3	* 1.9	* 4.1	* 2.3	* 0.5	* 2.8	6.9
Personal and Other Services	* 2.1	* 1.1	* 3.1	* 2.6	* 2.2	4.8	* 2.6	* 2.7	5.4	10.2
Other Industries	16.9	4.7	21.6	22.6	8.7	31.4	7.4	6.9	14.3	45.7
<i>Occupation group —</i>										
Managers and Administrators	* 3.3	* 0.3	* 3.6	5.4	* 0.6	5.9	* 1.0	* 0.3	* 1.2	7.2
Professionals	* 3.4	* 2.8	6.2	5.8	7.2	13.0	* 4.2	* 3.7	7.9	21.0
Associate Professionals	7.3	* 0.9	8.2	10.9	* 2.6	13.5	5.9	4.9	10.8	24.2
Tradespersons and Related Workers	20.9	* 1.4	22.2	31.3	* 3.2	34.5	10.9	* 1.8	12.8	47.3
Advanced Clerical and Service Workers	* 1.8	* 1.4	* 3.2	* 2.3	* 3.3	5.6	* 0.7	* 2.6	* 3.3	8.9
Intermediate Clerical, Sales and Service Workers	* 4.0	9.9	13.9	7.3	15.8	23.1	8.3	13.2	21.6	44.6
Intermediate Production and Transport Workers	17.4	* 0.6	18.0	25.6	* 1.6	27.2	8.3	* 2.6	10.9	38.1
Elementary Clerical, Sales and Service Workers	5.1	5.9	11.0	8.5	10.0	18.5	5.4	11.0	16.4	34.9
Labourers and Related Workers	28.0	6.0	34.0	43.5	12.7	56.2	18.3	4.9	23.2	79.4
<i>Age group</i>										
15-19	8.0	* 3.8	11.8	11.6	4.7	16.3	7.4	8.4	15.7	32.0
20-24	15.6	6.5	22.2	22.6	12.2	34.8	18.7	12.3	31.0	65.8
25-34	26.1	7.5	33.6	42.3	14.9	57.3	21.1	12.8	33.9	91.2
35-44	17.5	4.8	22.3	28.7	10.3	39.0	10.0	6.4	16.4	55.4
45-54	16.4	5.5	22.0	24.2	12.6	36.8	* 3.6	4.6	8.2	45.0
55 and over	7.6	* 1.2	8.7	11.2	* 2.2	13.4	* 2.1	* 0.7	* 2.8	16.2
<b>Total</b>	<b>91.2</b>	<b>29.3</b>	<b>120.6</b>	<b>140.6</b>	<b>57.0</b>	<b>197.6</b>	<b>63.0</b>	<b>45.1</b>	<b>108.1</b>	<b>305.7</b>

TABLE 31. PERSONS NOT IN THE LABOUR FORCE: AGE AND MARITAL STATUS, APRIL 1999

Age group	Males			Females			Persons	Proportion of population - per cent -
	Married	Not married	Total	Married - '000 -	Not married	Total		
15-19	* 1.6	283.3	284.9	8.2	248.8	257.0	541.8	40.8
20-24	6.4	79.9	86.3	58.6	91.3	149.9	236.2	17.5
25-34	40.5	75.5	116.0	332.6	117.8	450.4	566.4	19.8
35-44	61.5	57.9	119.4	342.5	102.8	445.4	564.8	19.4
45-54	97.6	59.5	157.1	298.8	90.2	389.0	546.1	21.7
55-59	93.0	38.0	131.0	194.5	55.6	250.1	381.1	41.8
60-64	159.3	44.8	204.1	213.0	96.7	309.8	513.9	68.2
65-69	216.8	55.7	272.5	205.1	116.2	321.3	593.8	87.7
70 and over	443.7	200.0	643.7	339.3	598.4	937.7	1,581.5	96.9
<b>Total</b>	<b>1,120.3</b>	<b>894.7</b>	<b>2,015.0</b>	<b>1,992.7</b>	<b>1,517.8</b>	<b>3,510.5</b>	<b>5,525.5</b>	<b>37.0</b>

TABLE 32. PERSONS NOT IN THE LABOUR FORCE: WHETHER LOOKING FOR WORK, ETC., APRIL 1999 ('000)

	Males			Females			Persons
	Married	Not married	Total	Married	Not married	Total	
<i>Looking for work</i>	20.1	45.0	65.1	39.6	47.2	86.8	151.9
Took active steps to find work(a)	7.8	18.7	26.5	13.9	17.5	31.3	57.8
Did not take active steps to find work	12.3	26.3	38.7	25.7	29.7	55.4	94.1
Not looking for work	1,039.9	765.4	1,805.3	1,912.7	1,319.7	3,232.5	5,037.7
Permanently unable to work	27.8	21.0	48.8	12.5	35.4	48.0	96.8
In institutions	32.5	63.4	95.8	27.9	115.5	143.3	239.2
<b>Total</b>	<b>1,120.3</b>	<b>894.7</b>	<b>2,015.0</b>	<b>1,992.7</b>	<b>1,517.8</b>	<b>3,510.5</b>	<b>5,525.5</b>

(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 MARCH 1999 AND APRIL 1999  
(‘000)**

<i>Labour force status in March 1999</i>	<i>Labour force status in April 1999</i>			
	<i>Employed full time</i>	<i>Employed part time</i>	<i>Unemployed</i>	<i>Not in the labour force</i>
<b>MALES</b>				
Employed full time	3,340.1	85.7	34.4	40.6
Employed part time	84.5	353.5	25.3	49.8
Unemployed	31.4	31.8	197.9	54.9
Not in the labour force	36.2	40.9	52.5	1,373.1
<b>MARRIED FEMALES</b>				
Employed full time	858.3	82.2	6.6	26.6
Employed part time	86.3	715.9	6.8	57.7
Unemployed	7.5	15.7	42.3	27.6
Not in the labour force	15.8	52.3	27.7	1,506.1
<b>ALL FEMALES</b>				
Employed full time	1,530.6	123.1	12.6	34.4
Employed part time	127.2	1,110.1	23.5	94.6
Unemployed	18.4	45.1	127.6	66.9
Not in the labour force	26.2	76.8	66.9	2,537.9
<b>PERSONS</b>				
Employed full time	4,870.6	208.8	47.0	75.1
Employed part time	211.7	1,463.6	48.8	144.3
Unemployed	49.9	76.9	325.5	121.7
Not in the labour force	62.4	117.7	119.4	3,911.0

**POPULATION REPRESENTED BY THE MATCHED SAMPLE**

<i>Males</i>	<i>Females</i>		<i>Persons</i>
	<i>Married</i>	<i>Total</i>	
5,832.7	3,535.3	6,021.9	11,854.5

**TABLE 34. RELATIONSHIP IN HOUSEHOLD, THE CIVILIAN POPULATION AGED 15 AND OVER: SUMMARY TABLE, APRIL 1999**

	Employed	Unemployed PERSONS ('000)	Labour force	Not in labour force	Civilian population aged 15 and over		
					Males	Females	Persons
Family member	7,058.3	532.7	7,591.0	4,092.8	5,758.9	5,925.0	11,683.8
Husband or wife	5,225.4	238.8	5,464.2	2,952.1	4,261.1	4,155.2	8,416.4
With children under 15	2,523.4	131.9	2,655.3	806.9	1,764.7	1,697.5	3,462.2
Without children under 15	2,702.0	106.9	2,808.9	2,145.2	2,496.4	2,457.7	4,954.2
With dependants	2,971.3	146.2	3,117.5	919.5	2,058.1	1,978.8	4,036.9
Without dependants	2,254.2	92.6	2,346.8	2,032.7	2,203.0	2,176.5	4,379.5
Lone parent	331.5	56.0	387.5	364.6	108.7	643.4	752.1
With children under 15	190.6	41.4	232.0	211.6	44.7	398.9	443.6
With dependent students but without children under 15	62.8	6.8	69.6	16.0	17.9	67.8	85.7
Without dependants	78.1	7.8	85.9	137.0	46.0	176.8	222.8
Dependent student(a)	387.2	73.8	461.0	469.0	458.3	471.6	930.0
Non-dependent child(b)	983.5	141.4	1,124.9	135.9	790.5	470.3	1,260.8
Other family person	130.6	22.8	153.4	171.2	140.2	184.3	324.6
Non-family member	1,364.8	140.7	1,505.6	990.0	1,238.5	1,257.0	2,495.6
Lone person	687.4	69.4	756.8	827.5	720.3	864.1	1,584.4
Not living alone	677.4	71.3	748.7	162.5	518.2	393.0	911.2
<i>Usual resident of a household where relationship was determined</i>	<i>8,423.1</i>	<i>673.4</i>	<i>9,096.6</i>	<i>5,082.9</i>	<i>6,997.4</i>	<i>7,182.0</i>	<i>14,179.4</i>
Usual resident of a household where relationship was not determined	143.9	13.0	156.9	64.7	96.8	124.8	221.6
Total usual residents of private dwellings	8,567.0	686.4	9,253.5	5,147.5	7,094.2	7,306.8	14,401.0
Visitors to private dwellings	53.3	9.5	62.7	49.8	56.5	55.9	112.5
Persons enumerated in non-private dwellings	93.3	9.3	102.6	328.2	206.4	224.5	430.9
<b>Total</b>	<b>8,713.6</b>	<b>705.2</b>	<b>9,418.8</b>	<b>5,525.5</b>	<b>7,357.2</b>	<b>7,587.2</b>	<b>14,944.3</b>
	PROPORTION OF TOTAL (per cent)						
Family member	81.0	75.5	80.6	74.1	78.3	78.1	78.2
Husband or wife	60.0	33.9	58.0	53.4	57.9	54.8	56.3
With children under 15	29.0	18.7	28.2	14.6	24.0	22.4	23.2
Without children under 15	31.0	15.2	29.8	38.8	33.9	32.4	33.2
With dependants	34.1	20.7	33.1	16.6	28.0	26.1	27.0
Without dependants	25.9	13.1	24.9	36.8	29.9	28.7	29.3
Lone parent	3.8	7.9	4.1	6.6	1.5	8.5	5.0
With children under 15	2.2	5.9	2.5	3.8	0.6	5.3	3.0
With dependent students but without children under 15	0.7	1.0	0.7	0.3	0.2	0.9	0.6
Without dependants	0.9	1.1	0.9	2.5	0.6	2.3	1.5
Dependent student(a)	4.4	10.5	4.9	8.5	6.2	6.2	6.2
Non-dependent child(b)	11.3	20.0	11.9	2.5	10.7	6.2	8.4
Other family person	1.5	3.2	1.6	3.1	1.9	2.4	2.2
Non-family member	15.7	20.0	16.0	17.9	16.8	16.6	16.7
Lone person	7.9	9.8	8.0	15.0	9.8	11.4	10.6
Not living alone	7.8	10.1	7.9	2.9	7.0	5.2	6.1
<i>Usual resident of a household where relationship was determined</i>	<i>96.7</i>	<i>95.5</i>	<i>96.6</i>	<i>92.0</i>	<i>95.1</i>	<i>94.7</i>	<i>94.9</i>
Usual resident of a household where relationship was not determined	1.7	1.8	1.7	1.2	1.3	1.6	1.5
Total usual residents of private dwellings	98.3	97.3	98.2	93.2	96.4	96.3	96.4
Visitors to private dwellings	0.6	1.3	0.7	0.9	0.8	0.7	0.8
Persons enumerated in non-private dwellings	1.1	1.3	1.1	5.9	2.8	3.0	2.9
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(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), APRIL 1999**

	<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>Looking for full-time work</i>	<i>Total</i>						
	<i>Total</i>	<i>Total</i>	<i>- '000 -</i>	<i>- '000 -</i>						
<b>MALES</b>										
Family member	3,472.3	509.4	3,981.7	239.6	294.0	4,275.7	1,483.2	5,758.9	6.9	74.2
Husband	2,833.1	235.7	3,068.9	127.7	139.1	3,208.0	1,053.2	4,261.1	4.3	75.3
With children under 15	1,483.6	87.7	1,571.3	72.5	77.3	1,648.6	116.1	1,764.7	4.7	93.4
Without children under 15	1,349.5	148.1	1,497.6	55.2	61.8	1,559.4	937.0	2,496.4	4.0	62.5
With dependants	1,717.1	104.3	1,821.5	79.8	85.3	1,906.8	151.4	2,058.1	4.5	92.6
Without dependants	1,116.0	131.4	1,247.4	47.9	53.8	1,301.2	901.8	2,203.0	4.1	59.1
Lone parent	51.8	8.2	60.0	5.2	7.1	67.1	41.6	108.7	10.6	61.7
With children under 15	19.3	5.1	24.4	* 2.5	* 3.9	28.3	16.4	44.7	* 13.9	63.4
With dependent students but without children under 15	13.0	* 1.1	14.1	* 1.4	* 1.7	15.7	* 2.2	17.9	* 10.7	88.0
Without dependants	19.4	* 2.0	21.5	* 1.3	* 1.5	23.0	23.1	46.0	* 6.4	49.9
Dependent student(b)	10.9	160.4	171.3	5.6	37.2	208.5	249.9	458.3	17.8	45.5
Non-dependent child(c)	519.6	89.1	608.7	89.1	96.7	705.4	85.1	790.5	13.7	89.2
Other family person	56.9	16.0	72.9	12.0	13.9	86.8	53.5	140.2	16.0	61.9
Non-family member	693.3	107.1	800.4	83.3	91.1	891.5	347.0	1,238.5	10.2	72.0
Lone person	360.5	49.0	409.5	43.7	46.7	456.3	264.0	720.3	10.2	63.3
Not living alone	332.8	58.1	390.9	39.6	44.4	435.2	83.0	518.2	10.2	84.0
<b>Total</b>	<b>4,165.6</b>	<b>616.5</b>	<b>4,782.2</b>	<b>323.0</b>	<b>385.1</b>	<b>5,167.2</b>	<b>1,830.2</b>	<b>6,997.4</b>	<b>7.5</b>	<b>73.8</b>
<b>FEMALES</b>										
Family member	1,604.4	1,472.2	3,076.5	143.7	238.8	3,315.3	2,609.6	5,925.0	7.2	56.0
Wife	1,132.6	1,023.9	2,156.6	64.3	99.7	2,256.3	1,899.0	4,155.2	4.4	54.3
With children under 15	390.7	561.4	952.1	30.4	54.6	1,006.7	690.8	1,697.5	5.4	59.3
Without children under 15	741.9	462.5	1,204.4	34.0	45.1	1,249.5	1,208.2	2,457.7	3.6	50.8
With dependants	497.3	652.5	1,149.8	34.9	60.9	1,210.7	768.1	1,978.8	5.0	61.2
Without dependants	635.3	371.4	1,006.8	29.5	38.8	1,045.6	1,130.9	2,176.5	3.7	48.0
Lone parent	141.5	130.1	271.6	29.8	48.9	320.4	323.0	643.4	15.3	49.8
With children under 15	71.4	94.8	166.2	20.2	37.4	203.7	195.2	398.9	18.4	51.1
With dependent students but without children under 15	31.3	17.4	48.7	* 3.9	5.2	53.9	13.9	67.8	9.6	79.5
Without dependants	38.7	17.9	56.6	5.7	6.3	62.9	113.9	176.8	10.0	35.6
Dependent student(b)	8.8	207.1	215.9	* 3.2	36.6	252.5	219.1	471.6	14.5	53.5
Non-dependent child(c)	278.9	95.9	374.8	40.7	44.7	419.5	50.8	470.3	10.6	89.2
Other family person	42.5	15.2	57.7	5.7	8.9	66.6	117.7	184.3	13.4	36.2
Non-family member	428.1	136.3	564.4	37.3	49.6	614.0	643.0	1,257.0	8.1	48.8
Lone person	215.9	62.0	277.9	17.6	22.6	300.5	563.5	864.1	7.5	34.8
Not living alone	212.1	74.4	286.5	19.7	27.0	313.5	79.5	393.0	8.6	79.8
<b>Total</b>	<b>2,032.5</b>	<b>1,608.5</b>	<b>3,641.0</b>	<b>181.0</b>	<b>288.4</b>	<b>3,929.3</b>	<b>3,252.7</b>	<b>7,182.0</b>	<b>7.3</b>	<b>54.7</b>
<b>PERSONS</b>										
Family member	5,076.7	1,981.6	7,058.3	383.4	532.7	7,591.0	4,092.8	11,683.8	7.0	65.0
Husband or wife	3,965.8	1,259.7	5,225.4	192.0	238.8	5,464.2	2,952.1	8,416.4	4.4	64.9
With children under 15	1,874.3	649.1	2,523.4	102.8	131.9	2,655.3	806.9	3,462.2	5.0	76.7
Without children under 15	2,091.5	610.6	2,702.0	89.2	106.9	2,808.9	2,145.2	4,954.2	3.8	56.7
With dependants	2,214.4	756.8	2,971.3	114.6	146.2	3,117.5	919.5	4,036.9	4.7	77.2
Without dependants	1,751.3	502.8	2,254.2	77.4	92.6	2,346.8	2,032.7	4,379.5	3.9	53.6
Lone parent	193.3	138.2	331.5	35.0	56.0	387.5	364.6	752.1	14.4	51.5
With children under 15	90.8	99.9	190.6	22.6	41.4	232.0	211.6	443.6	17.8	52.3
With dependent students but without children under 15	44.3	18.5	62.8	5.3	6.8	69.6	16.0	85.7	9.8	81.3
Without dependants	58.2	19.9	78.1	7.0	7.8	85.9	137.0	222.8	9.0	38.5
Dependent student(b)	19.7	367.5	387.2	8.8	73.8	461.0	469.0	930.0	16.0	49.6
Non-dependent child(c)	798.5	185.0	983.5	129.9	141.4	1,124.9	135.9	1,260.8	12.6	89.2
Other family person	99.4	31.2	130.6	17.7	22.8	153.4	171.2	324.6	14.9	47.3
Non-family member	1,121.4	243.4	1,364.8	120.6	140.7	1,505.6	990.0	2,495.6	9.3	60.3
Lone person	576.5	111.0	687.4	61.3	69.4	756.8	827.5	1,584.4	9.2	47.8
Not living alone	545.0	132.4	677.4	59.3	71.3	748.7	162.5	911.2	9.5	82.2
<b>Total</b>	<b>6,198.1</b>	<b>2,225.0</b>	<b>8,423.1</b>	<b>503.9</b>	<b>673.4</b>	<b>9,096.6</b>	<b>5,082.9</b>	<b>14,179.4</b>	<b>7.4</b>	<b>64.2</b>

(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, APRIL 1999**  
(\*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
<b>COUPLE FAMILY</b>												
Two	686.8	29.0	715.9	273.7	32.9	306.6	693.9	..	693.9	1,654.4	62.0	1,716.3
Three	53.3	34.2	87.5	241.1	27.9	269.0	486.9	21.5	508.4	781.2	83.7	864.9
Four	24.9	25.7	50.7	255.2	39.0	294.3	616.6	37.9	654.4	896.7	102.6	999.3
Five	17.3	14.0	31.3	119.4	16.1	135.5	267.4	25.1	292.5	404.1	55.2	459.3
Six or more	9.2	10.9	20.2	43.3	7.5	50.8	86.9	16.0	102.9	139.4	34.5	173.8
<b>Total</b>	<b>791.6</b>	<b>113.9</b>	<b>905.5</b>	<b>932.7</b>	<b>123.4</b>	<b>1,056.2</b>	<b>2,151.5</b>	<b>100.6</b>	<b>2,252.1</b>	<b>3,875.8</b>	<b>337.9</b>	<b>4,213.7</b>
<b>ONE PARENT FAMILY WITH A MALE PARENT</b>												
Two	14.5	5.5	20.0	29.2	8.2	37.4	12.6	..	12.6	56.3	13.7	70.0
Three or more	9.9	* 3.0	13.0	11.3	* 2.6	13.9	12.2	* 0.5	12.7	33.4	6.1	39.5
<b>Total</b>	<b>24.4</b>	<b>8.6</b>	<b>33.0</b>	<b>40.5</b>	<b>10.8</b>	<b>51.3</b>	<b>24.8</b>	<b>* 0.5</b>	<b>25.3</b>	<b>89.8</b>	<b>19.8</b>	<b>109.6</b>
<b>ONE PARENT FAMILY WITH A FEMALE PARENT</b>												
Two	100.4	28.2	128.7	145.3	13.5	158.8	46.0	..	46.0	291.8	41.7	333.5
Three	68.2	18.1	86.3	66.6	13.2	79.8	36.5	4.9	41.5	171.3	36.2	207.5
Four	30.8	6.3	37.2	20.2	* 3.3	23.5	13.6	* 2.2	15.8	64.7	11.8	76.5
Five or more	17.0	* 2.5	19.5	5.8	* 0.5	6.3	4.5	* 2.3	6.8	27.3	5.3	32.6
<b>Total</b>	<b>216.5</b>	<b>55.2</b>	<b>271.6</b>	<b>237.9</b>	<b>30.4</b>	<b>268.3</b>	<b>100.7</b>	<b>9.5</b>	<b>110.1</b>	<b>555.0</b>	<b>95.1</b>	<b>650.1</b>
<b>ONE PARENT FAMILIES: TOTAL</b>												
Two	114.9	33.7	148.7	174.5	21.7	196.2	58.6	..	58.6	348.1	55.4	403.5
Three	76.4	20.0	96.4	75.2	15.8	90.9	45.8	5.1	50.9	197.4	40.9	238.3
Four	32.2	7.2	39.4	22.7	* 3.3	26.0	16.5	* 2.5	19.1	71.5	13.0	84.5
Five or more	17.3	* 2.8	20.1	6.0	* 0.5	6.4	4.5	* 2.3	6.8	27.8	5.6	33.4
<b>Total</b>	<b>240.9</b>	<b>63.7</b>	<b>304.6</b>	<b>278.4</b>	<b>41.2</b>	<b>319.6</b>	<b>125.5</b>	<b>9.9</b>	<b>135.4</b>	<b>644.8</b>	<b>114.9</b>	<b>759.6</b>
<b>OTHER FAMILY</b>												
Two	17.6	5.5	23.2	17.5	6.8	24.2	28.2	..	28.2	63.3	12.3	75.6
Three or more	* 1.1	* 0.6	* 1.7	* 0.9	* 0.5	* 1.5	* 1.9	* 0.5	* 2.4	* 3.9	* 1.7	5.6
<b>Total</b>	<b>18.7</b>	<b>6.2</b>	<b>24.9</b>	<b>18.4</b>	<b>7.3</b>	<b>25.7</b>	<b>30.1</b>	<b>* 0.5</b>	<b>30.6</b>	<b>67.3</b>	<b>13.9</b>	<b>81.2</b>
<b>TOTAL</b>												
Two	819.4	68.3	887.7	465.6	61.4	527.0	780.7	..	780.7	2,065.8	129.7	2,195.5
Three	130.8	54.6	185.3	316.9	44.2	361.1	534.4	27.1	561.6	982.1	125.9	1,108.0
Four	57.2	33.2	90.4	277.9	42.3	320.2	633.3	40.4	673.7	968.4	115.9	1,084.3
Five	31.1	16.5	47.6	124.8	16.3	141.1	271.1	26.5	297.6	427.0	59.3	486.3
Six or more	12.7	11.2	23.9	44.2	7.8	52.0	87.7	17.0	104.6	144.6	36.0	180.6
<b>Total</b>	<b>1,051.2</b>	<b>183.8</b>	<b>1,235.0</b>	<b>1,229.5</b>	<b>171.9</b>	<b>1,401.4</b>	<b>2,307.2</b>	<b>111.0</b>	<b>2,418.2</b>	<b>4,587.9</b>	<b>466.7</b>	<b>5,054.6</b>

(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, APRIL 1999**  
(\*000 families)

	Number of children under 15			Number of dependants			Total
	None	One	Two or more	None	One	Two or more	
<b>NO FAMILY MEMBER EMPLOYED</b>							
Couple family	780.8	41.2	83.4	766.8	45.1	93.6	905.5
One or both spouses unemployed(b)	35.5	18.1	39.7	32.8	17.5	43.0	93.4
Husband unemployed, wife unemployed	12.0	* 4.3	5.9	10.7	4.9	6.7	22.2
Husband unemployed, wife not in the labour force	17.6	13.2	31.2	16.5	11.8	33.7	62.0
Neither spouse unemployed	745.3	23.1	43.7	733.9	27.6	50.5	812.1
One parent families	68.8	110.8	125.1	53.7	109.4	141.5	304.6
Parent unemployed	6.5	19.4	17.9	* 2.3	21.5	20.1	43.9
Male parent unemployed	* 1.8	* 2.0	* 1.9	* 1.0	* 2.6	* 2.2	5.8
Female parent unemployed	4.7	17.4	16.0	* 1.3	18.8	17.9	38.1
Parent not unemployed	62.2	91.4	107.1	51.4	87.9	121.5	260.7
Male parent not in the labour force	11.2	8.8	7.3	9.2	9.0	9.0	27.2
Female parent not in the labour force	51.0	82.6	99.9	42.2	78.9	112.4	233.5
Other family	24.9	..	..	24.9	..	..	24.9
Family head unemployed	* 2.3	..	..	* 2.3	..	..	* 2.3
Family head not unemployed	22.6	..	..	22.6	..	..	22.6
Family head not in the labour force	22.6	..	..	22.6	..	..	22.6
<b>Total</b>	<b>874.5</b>	<b>152.0</b>	<b>208.5</b>	<b>845.4</b>	<b>154.5</b>	<b>235.1</b>	<b>1,235.0</b>
<b>ONE OR MORE FAMILY MEMBERS EMPLOYED</b>							
Couple family	1,705.5	603.8	998.9	1,435.1	624.3	1,248.9	3,308.3
One or both spouses unemployed(b)	57.9	25.5	37.0	49.1	23.3	48.0	120.4
Husband employed, wife unemployed	25.6	16.3	24.6	22.0	13.9	30.6	66.5
Husband unemployed, wife employed	24.2	6.4	9.6	21.6	6.8	11.9	40.3
Husband unemployed, wife unemployed	* 1.3	* 0.0	* 0.4	* 0.6	* 0.7	* 0.4	* 1.6
Husband unemployed, wife not in the labour force	5.6	* 2.3	* 2.3	* 4.0	* 1.6	4.5	10.2
Neither spouse unemployed	1,647.6	578.3	961.9	1,386.0	600.9	1,201.0	3,187.9
Husband employed, wife employed	1,111.6	365.0	553.1	920.1	376.4	733.2	2,029.7
Husband employed, wife not in the labour force	346.4	190.3	388.3	295.9	191.5	437.5	924.9
Husband not in the labour force, wife employed	92.2	18.3	17.3	84.1	21.5	22.2	127.8
Husband not in the labour force, wife not in the labour force	97.5	4.8	* 3.1	85.9	11.5	8.1	105.5
One parent families	246.7	124.7	83.6	174.1	159.6	121.4	455.0
Parent unemployed	8.7	* 2.9	* 1.1	5.9	* 3.6	* 3.1	12.7
Parent not unemployed	238.0	121.8	82.6	168.2	155.9	118.2	442.3
Male parent employed	35.8	16.6	7.8	21.7	25.7	12.9	60.3
Female parent employed	108.7	96.8	70.0	58.7	120.2	96.5	275.5
Male parent not in the labour force	14.6	* 0.0	* 0.3	14.4	* 0.2	* 0.3	14.9
Female parent not in the labour force	78.9	8.3	4.5	73.4	9.8	8.5	91.7
Other family	56.3	..	..	56.3	..	..	56.3
Family head unemployed	* 3.4	..	..	* 3.4	..	..	* 3.4
Family head not unemployed	53.0	..	..	53.0	..	..	53.0
Family head employed	40.8	..	..	40.8	..	..	40.8
Family head not in the labour force	12.1	..	..	12.1	..	..	12.1
<b>Total</b>	<b>2,008.5</b>	<b>728.5</b>	<b>1,082.6</b>	<b>1,665.5</b>	<b>783.8</b>	<b>1,370.3</b>	<b>3,819.6</b>
<b>TOTAL</b>							
Couple family	2,486.4	645.1	1,082.3	2,201.9	669.4	1,342.5	4,213.7
One or both spouses unemployed(b)	93.4	43.6	76.8	81.9	40.9	91.0	213.8
Husband employed, wife unemployed	25.6	16.3	24.6	22.0	13.9	30.6	66.5
Husband unemployed, wife employed	24.2	6.4	9.6	21.6	6.8	11.9	40.3
Husband unemployed, wife unemployed	13.3	* 4.3	6.2	11.3	5.5	7.0	23.8
Husband unemployed, wife not in the labour force	23.2	15.5	33.5	20.5	13.4	38.3	72.2
Neither spouse unemployed	2,392.9	601.4	1,005.6	2,119.9	628.5	1,251.5	3,999.9
Husband employed, wife employed	1,111.6	365.0	553.1	920.1	376.4	733.2	2,029.7
Husband employed, wife not in the labour force	346.4	190.3	388.3	295.9	191.5	437.5	924.9
Husband not in the labour force, wife employed	92.2	18.3	17.3	84.1	21.5	22.2	127.8
Husband not in the labour force, wife not in the labour force	842.8	27.9	46.8	819.8	39.1	58.6	917.5
One parent families	315.5	235.5	208.7	227.8	268.9	262.9	759.6
Parent unemployed	15.2	22.3	19.0	8.2	25.1	23.2	56.5
Male parent unemployed	* 3.3	* 2.0	* 1.9	* 1.6	* 3.5	* 2.2	7.2
Female parent unemployed	11.9	20.3	17.1	6.7	21.6	21.1	49.3
Parent not unemployed	300.2	213.2	189.7	219.6	243.8	239.7	703.1
Male parent employed	35.8	16.6	7.8	21.7	25.7	12.9	60.3
Female parent employed	108.7	96.8	70.0	58.7	120.2	96.5	275.5
Male parent not in the labour force	25.8	8.8	7.5	23.6	9.1	9.3	42.1
Female parent not in the labour force	129.9	90.9	104.4	115.6	88.7	121.0	325.2
Other family	81.2	..	..	81.2	..	..	81.2
Family head unemployed	5.7	..	..	5.7	..	..	5.7
Family head not unemployed	75.5	..	..	75.5	..	..	75.5
Family head employed	40.8	..	..	40.8	..	..	40.8
Family head not in the labour force	34.7	..	..	34.7	..	..	34.7
<b>Total</b>	<b>2,883.0</b>	<b>880.5</b>	<b>1,291.0</b>	<b>2,510.9</b>	<b>938.3</b>	<b>1,605.4</b>	<b>5,054.6</b>

(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 1999 to take account of the results of the 1996 Census of Population and Housing, which affected all the monthly estimates from January 1995 to January 1999.

**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 1995 were revised to conform to revised population estimates following the 1996 Census of Population and Housing, and are thus not strictly comparable with estimates for periods prior to January 1995. An examination of the revised estimates showed that the effects on Labour Force Survey estimates for the period before January 1995 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 1999, 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 1999 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 6 to 9 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 54 and 55 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.

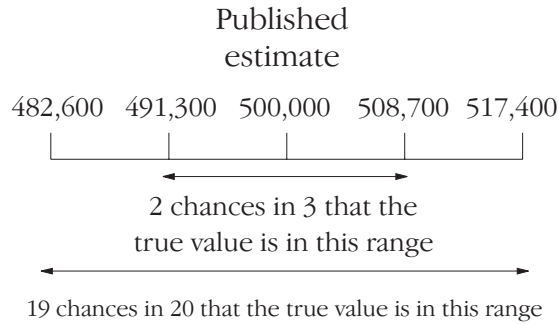
As the standard errors in table A show, *the smaller the estimate the higher is the relative standard error*. Very small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this publication, 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 1.04. Standard errors of all *six monthly* movements can be obtained by multiplying the figures in table A by 1.28. 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.

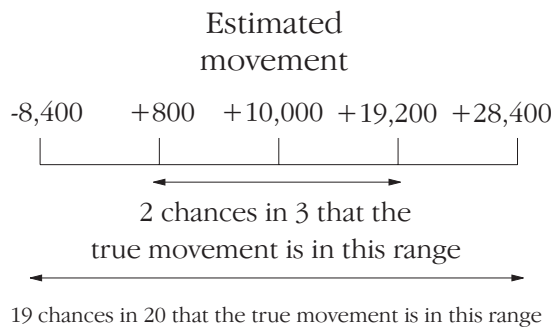
Examples of the calculation and use of standard errors are given below:

- 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 8,700 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 491,300 to 508,700. There are about nineteen chances in twenty that the true value is in the range 482,600 to 517,400.





- Consider estimates for females employed part time in Australia of 1,390,000 in one month and 1,400,000 in the next month. This represents an upward movement of 10,000. By referring to table B for the larger estimate of 1,400,000, a movement standard error of 9,200 is obtained (after applying linear interpolation and rounding). Therefore, there are about two chances in three that the true movement is in the range +800 to +19,200 and about nineteen chances in twenty that the true movement is in the range -8,400 to +28,400.



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: 1.4;
- average hours worked: 0.9;
- average duration of unemployment: 1.5; and
- median duration of unemployment: 1.7.

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 11,350 which is 1.1% as a *relative standard error*. The factor of 1.7 (see paragraph 10) is applied to the relative standard error of 1.1% to obtain 1.9%. Therefore the *standard error* for the median duration of unemployment is 1.9% of 30 weeks, i.e. about half of one week. So there are two chances in three that the median duration of unemployment is between 29.5 and 30.5 weeks, and about nineteen chances in twenty that it is between 29 and 31 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 5% lower than those shown in tables A and B, while standard errors for estimates of unemployment and persons not in the labour force are both approximately 4% higher than those shown in the tables.

## A STANDARD ERRORS OF ESTIMATES FROM SEPTEMBER 1997(a)

Size of estimate	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.	%
	no.	no.	no.	no.	no.	no.	no.	no.	no.	
100						100	100	130		
200				210	210	140	130	160	140	70.0
300	220	230	310	250	260	160	150	180	180	60.0
500	320	320	390	310	330	200	190	210	270	54.0
700	400	390	460	360	380	230	220	240	340	48.6
1 000	520	490	540	410	450	270	250	270	440	44.0
1 500	670	620	650	490	540	320	290	310	570	38.0
2 000	800	740	740	550	610	360	330	340	700	35.0
2 500	900	850	800	600	650	400	350	350	800	32.0
3 000	1 000	900	900	650	700	400	400	400	900	30.0
3 500	1 100	1 000	950	700	750	450	400	400	950	27.1
4 000	1 200	1 050	1 000	750	800	450	450	450	1 050	26.3
5 000	1 350	1 200	1 100	800	900	500	450	500	1 200	24.0
7 000	1 600	1 400	1 300	900	1 050	600	550	550	1 450	20.7
10 000	1 900	1 650	1 500	1 050	1 200	700	600	600	1 700	17.0
15 000	2 300	1 950	1 800	1 250	1 400	800	700	750	2 100	14.0
20 000	2 600	2 200	2 050	1 400	1 550	900	800	800	2 450	12.3
30 000	3 100	2 600	2 400	1 650	1 850	1 050	900	950	2 950	9.8
40 000	3 450	2 900	2 750	1 850	2 050	1 150	1 000	1 100	3 300	8.3
50 000	3 700	3 100	3 000	2 050	2 200	1 250	1 100	1 200	3 650	7.3
100 000	4 600	3 900	4 000	2 700	2 850	1 600	1 400	1 650	4 750	4.8
150 000	5 250	4 550	4 700	3 200	3 300	1 900	1 600	1 950	5 500	3.7
200 000	5 750	5 100	5 300	3 550	3 650	2 100	1 800	2 250	6 150	3.1
300 000	6 700	6 050	6 250	4 200	4 150	2 450		2 700	7 150	2.4
500 000	8 350	7 550	7 650	5 100	4 950	2 900			8 700	1.7
1 000 000	11 650	10 600	10 000	6 700	6 150				11 350	1.1
2 000 000	17 150	15 400	13 050	8 750	7 600				15 000	0.8
5 000 000	30 750	26 500	18 400						23 000	0.5
10 000 000									40 350	0.4

(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						100	90	100	310
200			330	210	270	130	110	130	400
300	490	400	380	240	300	150	130	140	460
500	580	480	450	280	360	180	160	170	550
700	650	530	500	320	400	200	180	190	630
1 000	730	600	570	360	450	220	210	210	710
1 500	840	690	660	420	520	260	240	240	820
2 000	920	760	730	460	570	280	270	270	910
2 500	1 000	820	780	500	610	310	300	290	980
3 000	1 060	880	840	530	650	330	320	310	1 050
4 000	1 170	970	920	590	720	360	360	340	1 160
5 000	1 260	1 040	1 000	630	770	390	390	360	1 260
7 000	1 410	1 170	1 120	710	860	440	440	400	1 420
10 000	1 590	1 320	1 270	810	970	500	500	450	1 610
15 000	1 820	1 520	1 460	930	1 110	570	590	520	1 860
20 000	2 010	1 670	1 610	1 030	1 220	630	660	570	2 060
30 000	2 300	1 920	1 860	1 190	1 390	730	770	650	2 380
50 000	2 740	2 290	2 220	1 420	1 650	870	930	760	2 850
70 000	3 060	2 560	2 490	1 600	1 840	980	1 060	850	3 210
100 000	3 460	2 890	2 820	1 810	2 070	1 100	1 210	960	3 650
150 000	3 960	3 320	3 240	2 080	2 360	1 270	1 410	1 090	4 210
200 000	4 370	3 670	3 580	2 300	2 600	1 400	1 580	1 200	4 670
300 000	5 000	4 210	4 120	2 660	2 970	1 610		1 370	5 390
500 000	5 950	5 010	4 920	3 180	3 520	1 930			6 470
1 000 000	7 510	6 340	6 260	4 050	4 420				8 270
2 000 000	9 490	8 030	7 960	5 160	5 550				10 580
5 000 000	12 920	10 970	10 930						14 660
10 000 000									18 750

(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 1997(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	10 600	8 200	7 200	4 000	4 800	1 800	1 500	1 800	8 700
Average hours worked	4 600	3 800	3 700	2 000	2 400	800	700	1 000	3 500
Average duration of unemployment	10 400	9 600	7 300	4 100	5 000	1 800	1 100	1 900	10 400
Median duration of unemployment	16 800	12 700	10 800	6 000	7 200	2 800	2 500	2 600	14 300
All other estimates	5 900	4 500	4 100	2 400	2 800	1 100	1 000	1 100	4 400

(a) See Technical Notes, page 54. (b) For standard errors for earlier periods, see previous issues of this publication.

## GLOSSARY

<b>Actively looking for work</b>	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.
<b>Aggregate hours worked</b>	The total number of hours a group of employed persons has actually worked during the reference week, not necessarily hours paid for.
<b>Attending school</b>	Persons aged 15–19 who, during the reference week, were enrolled full time at secondary or high schools.
<b>Attending tertiary educational institution full time</b>	Persons aged 15–24 who, during the reference week, were enrolled full time at a TAFE college, university, or other tertiary educational institution.
<b>Average duration of unemployment</b>	For a group of unemployed persons, the aggregate duration of unemployment divided by the number of persons in the group.
<b>Average family size</b>	For any group of families, the total number of family members divided by the number of families in the group.
<b>Average hours worked</b>	Aggregate hours worked by a group divided by the number of persons in that group.
<b>Birthplace</b>	From April 1991, classified according to the <i>Australian Standard Classification of Countries for Social Statistics (ASCCSS)</i> (1269.0).
<b>Contributing family worker</b>	A person who works without pay, in an economic enterprise operated by a relative. (This category was formerly entitled unpaid family helper).
<b>Couple families</b>	Families in which there are two married persons and these persons are husband and wife.
<b>Dependants</b>	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).
<b>Dependent student</b>	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).
<b>Duration of unemployment</b>	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.
<b>Employed</b>	Persons aged 15 and over who, during the reference week: <ul style="list-style-type: none"><li>■ 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</li><li>■ worked for one hour or more without pay in a family business or on a farm (i.e. contributing family workers); or</li></ul>

- 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.

<b>Industry</b>	From August 1994, classified according to the <i>Australian and New Zealand Standard Industrial Classification (ANZSIC) 1993 (1292.0)</i> .
<b>Job leavers</b>	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.
<b>Job losers</b>	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.
<b>Labour force</b>	For any group, persons who were employed or unemployed, as defined.
<b>Labour force status</b>	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.
<b>Lone parent</b>	The head of a one-parent family.
<b>Lone person</b>	A person who is the sole member of a household.
<b>Long-term unemployed</b>	Persons unemployed for a period of 52 weeks or more.
<b>Main English speaking countries</b>	The United Kingdom, Ireland, South Africa, Canada, the United States of America and New Zealand.
<b>Marital status</b>	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.
<b>Median duration of unemployment</b>	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.
<b>Non-dependent child</b>	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.
<b>Non-family member</b>	A person who is not related to any other member of the household in which they are living.
<b>Not in the labour force</b>	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.

<b>Occupation</b>	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).
<b>One-parent families</b>	Families in which there is a family head together with at least one son or daughter of his/her own.
<b>Other families</b>	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.
<b>Own-account worker</b>	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).
<b>Participation rate</b>	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.
<b>Part-time workers</b>	Employed persons who usually worked less than 35 hours a week and who did so during the reference week.
<b>Seasonally adjusted series</b>	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.
<b>State capital cities</b>	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).
<b>Status in employment</b>	Employed persons classified by whether they were employers, own account workers, employees, or contributing family workers.
<b>Trend series</b>	A smoothed seasonally adjusted series of estimates. See paragraphs 32 to 35 of the Explanatory Notes for more detail.
<b>Unemployed</b>	Persons aged 15 and over who were not employed during the reference week, and: <ul style="list-style-type: none"> <li>■ 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:</li> <li>■ 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</li> <li>■ 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</li> <li>■ 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.</li> </ul>



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

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