

UNDEREMPLOYED WORKERS

AUSTRALIA

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- For further information about these and related statistics, contact Jon Havelock on Canberra 02 6252 7747, facsimile 02 6252 7784, or any ABS office shown on the back cover of this publication.

NOTES

ABOUT THIS PUBLICATION

This publication presents information about underemployed workers. The number of underemployed workers supplements other measures of labour market slack such as the number of unemployed persons and discouraged jobseekers. It also highlights the aspirations of many workers for adequate work and greater earnings.

Underemployment can be considered in two forms. The first form reflects an insufficient volume of work. The second form of underemployment reflects an insufficient use of skills and experience or low productivity. The information presented in this publication relates only to the first type, or time-related, underemployment.

The term underemployment in this publication is a generic term used to refer to a range of situations of time-related underemployment. The conceptual framework on page opposite identifies various categories of underemployed workers.

ABOUT THIS SURVEY

Statistics in this publication were obtained from the Australian Bureau of Statistics (ABS) Underemployed Workers Survey conducted throughout Australia in September 1998 as a supplement to the ABS Labour Force Survey.

Data from the survey relate to all persons aged 15 years and over. Persons who worked less than 35 hours in the week prior to the survey who would have preferred to work more hours were asked about whether they were looking for work with more hours, available to start work with more hours, and their experience in looking for work with more hours. Other information includes the duration of the current period of insufficient work, and the number of extra hours preferred.

SYMBOLS AND OTHER USAGES

ABS	Australian Bureau of Statistics
ICLS	International Conference of Labour Statisticians
ILO	International Labour Organisation
LFS	Labour Force Survey
RSE	Relative Standard Error
SE	Standard Error
*	subject to sampling variability too high for most practical uses
. .	not applicable

As estimates have been rounded, discrepancies may occur between sums of the component items and totals.

STATE INQUIRIES

For State office contact numbers see the Supplementary Surveys list in the back of this publication.

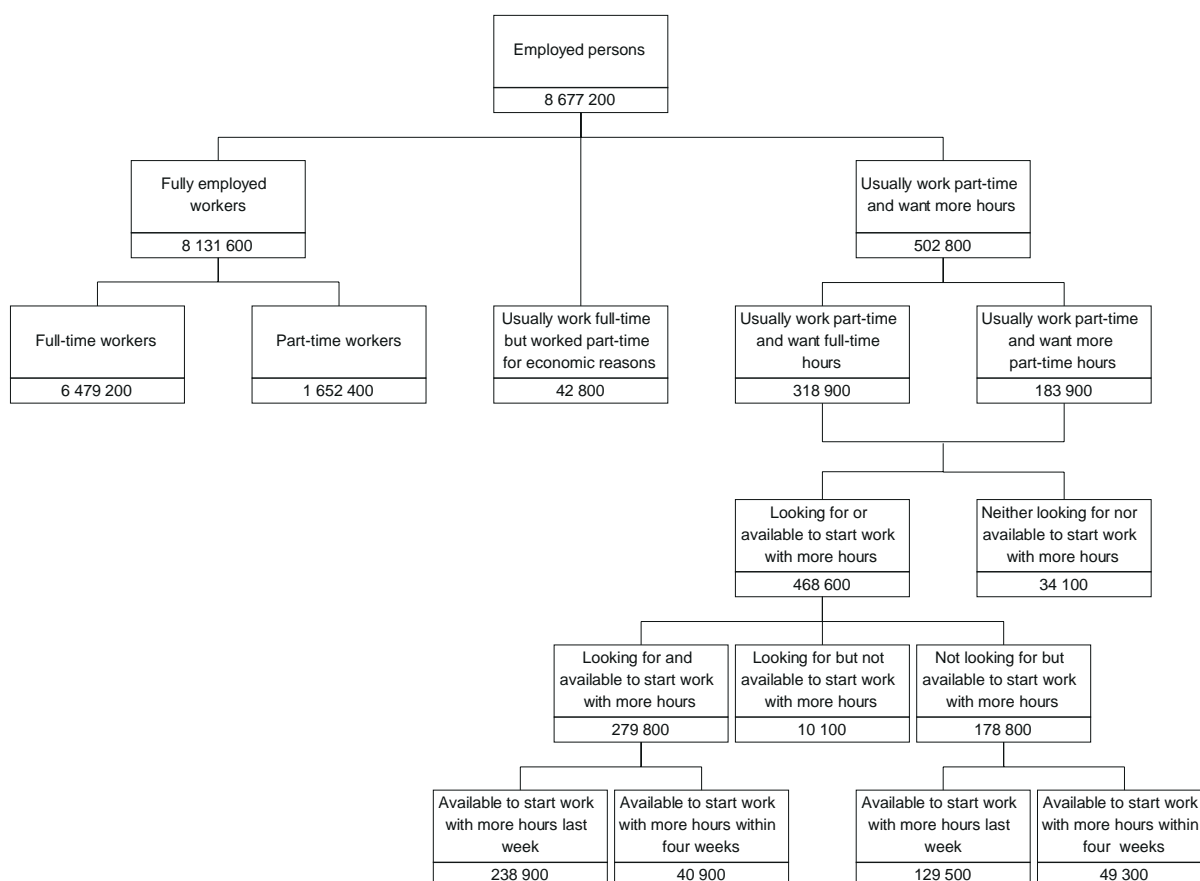
W. McLennan
Australian Statistician

CONCEPTUAL FRAMEWORK

The conceptual framework within which underemployed workers are classified is based on separating employed persons into three mutually exclusive groups:

- fully employed workers;
- workers who usually work part-time and want more hours; and
- workers who usually work full-time but worked part-time hours in the reference week due to economic reasons (stood down, short time or insufficient work).

Fully employed workers comprise all full-time workers, including persons who usually work part-time but worked 35 hours or more in the reference week and all part-time workers who do not desire additional hours of work.



DEFINITIONS OF UNDEREMPLOYMENT

The International Labour Organisation (ILO) definition of underemployment has been reviewed since the results of the last Underemployed Workers Survey (September 1997) were released. The Sixteenth International Conference of Labour Statisticians (ICLS) in 1998 introduced the term 'time-related' underemployment. Time-related underemployment occurs when the hours of work of an employed person are insufficient in relation to an alternative employment situation which the person is willing and available to engage. The concept of

time-related underemployment is closely related to the 'visible' underemployment used in previous recommendations (see below).

The ICLS also identified inadequate employment situations, which are situations in the workplace that reduce the capacities and wellbeing of workers as compared to an alternative situation. Inadequate employment situations have not been addressed by the Underemployed Workers Survey. This concept is closely related to the concept of 'invisible' underemployment (see below).

The ICLS defined time-related underemployment as occurring when the following three criteria are met in the reference period used to define employment:

- willing to work additional hours. Those who have actively sought to work additional hours should be separated from those who have not;
- available to work additional hours, within a specified subsequent period; and
- worked less than a threshold relating to working time. This threshold is chosen according to national circumstances.

Prior to the Sixteenth ICLS, the ILO recognised underemployment in two forms:

- visible underemployment, reflecting an insufficient volume of work (i.e. the hours worked); and
- invisible underemployment, reflecting an insufficient use of skills and experience or low productivity.

Visible underemployment was based on three criteria:

- working less than normal duration;
- doing so on an involuntary basis; and
- seeking or being available for additional work during the reference week.

The information collected in the Underemployed Workers Survey is compatible with both definitions of underemployment. The conceptual framework for this survey has not changed as a result of the definitional change. The only difference in definitions between the survey and the new ILO underemployment measure is the reference period for availability to start work with more hours. Availability was collected for 'last week' in the survey, and for the subsequent four weeks for people not available 'last week'. The criterion of availability in 'last week' ensures that the survey approach is consistent with the criteria used in determining unemployment in Australia. In contrast, the new ILO underemployment definition recommends a subsequent reference period for availability.

DESCRIPTION OF THE FRAMEWORK

Employed workers who usually work part-time and want more hours can be split into two groups: those who want to work full-time hours; and those who want to work more part-time hours.

Further classification of employed workers who usually work part-time and want more hours is based on whether they were looking for and/or available to start work with more hours. These workers are further separated on the basis of whether they had looked for extra work (during the four weeks prior to the survey) and whether they were available to start extra work.

The criterion of availability to start work with more hours last week was introduced in 1994 to more closely align the survey with the criteria for unemployment. The underemployed group satisfying the criteria which most closely aligns with the ABS definition of unemployment are those who have actively looked for work in the last four weeks and were available to start work last week.

Persons who usually work full-time but worked part-time for economic reasons, are separately identified in the underemployment framework as they represent a special case of underemployment. These people worked less than 35 hours in the reference week due to being stood down or insufficient work being available. For these people it is assumed that they wanted to work full-time in the reference week and would have been available to do so.

SUMMARY OF FINDINGS

OVERVIEW

There were 8,677,200 employed persons aged 15 years and over in September 1998. Of these:

- 502,800 (6%) usually worked part-time and wanted to work more hours.
- 42,800 (0.5%) usually worked full-time but worked part-time hours in the reference week due to economic reasons (being stood down, short time or insufficient work).

Those who usually work part-time and wanted to work more hours represented 23% of all part-time workers. Some 60% of these workers were female and 36% were under 25 years of age. Over half (63%) reported that they would like to work full-time hours.

PART-TIME WORKERS WHO WANT MORE HOURS

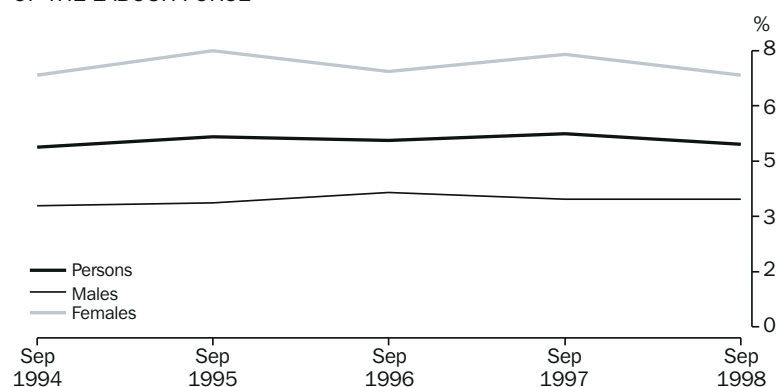
The number of people working part-time who wanted more hours has generally increased since May 1985, when the survey was first conducted.

Between September 1997 and September 1998, the number of females working part-time and wanting more hours decreased by 6%. In contrast the number of males increased by 3%. Total employment increased 2% over the same period.

In September 1998, almost a quarter (23%) of part-time workers wanted to work more hours. For males, however, the proportion was much higher (35%) than for females (19%).

Persons working part-time and wanting more hours made up 5.3% of the labour force in September 1998. This was a decrease from 5.6% in September 1997, which was the highest proportion recorded since the survey was first conducted in May 1985.

PART-TIME WORKERS WHO WANT MORE HOURS AS A PROPORTION OF THE LABOUR FORCE



PART-TIME WORKERS WHO
WANT MORE HOURS
continued

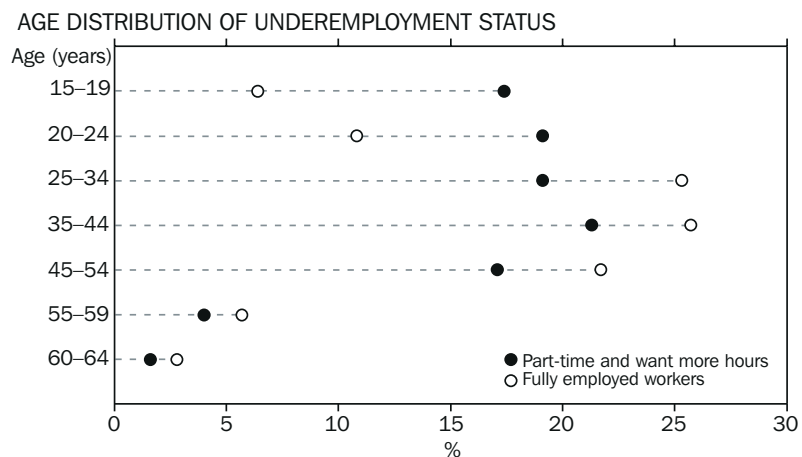
There were 238,900 part-time workers looking for work with more hours who were available to start work in the week before the survey. This is the group of underemployed workers which most closely aligns with criteria applied in the ABS definition of unemployment. More than half (53%) of these workers were female.

Characteristics of part-time
workers who want more
hours

There were 502,800 persons who worked part-time and wanted more hours in September 1998. Although the proportion of male workers in this group has increased over time, the majority continue to be female. Females made up 60% of the group in September 1998.

The majority of part-time underemployed workers wanted to work full-time (63%). Males were more likely to want full-time work (76%) than females (55%).

Over a third (36%) of all persons working part-time and wanting to work more hours were under 25 years of age, whereas only 17% of fully employed workers were under 25 years of age.



Other characteristics of persons working part-time and wanting to work more hours were:

- 39% reported that they usually worked 0–10 hours, 32% worked 11–20 hours, 19% worked 21–29 hours and 10% worked 30 hours and over;
- 57% had no post-school qualifications; and
- 8% were lone parents (almost all were females) compared to 4% of fully employed workers.

Duration of insufficient work

The median duration of the current period of insufficient work for people who worked part-time and wanted to work more hours was 25 weeks for males and 26 weeks for females.

Looking for or available to start work

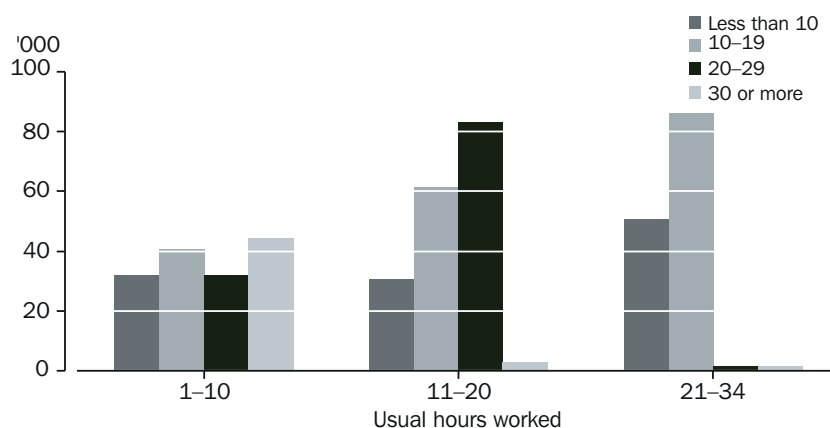
Of persons working part-time who wanted to work more hours, 83% (419,300) had looked for or were available to start extra hours in the past week. The remaining 17% (83,400 people) were not looking for work with more hours and were not available last week. Of these, 49,300 were available within the next four weeks.

The number of part-time workers who wanted to work more hours and were looking for, or available to start, work with more hours decreased 1% from September 1997. Females were over half of this group (57%) in September 1998.

Extra hours wanted

There were a total of 468,600 part-time workers who were looking for or available to start work with more hours. Of these, 40% wanted to work 10–19 extra hours each week and 25% wanted to work 20–29 extra hours. The average number of extra hours wanted each week was 16.2 hours. On average, males wanted to work more extra hours (17.9 hours) than females (15.1 hours). This pattern was similar in each age group.

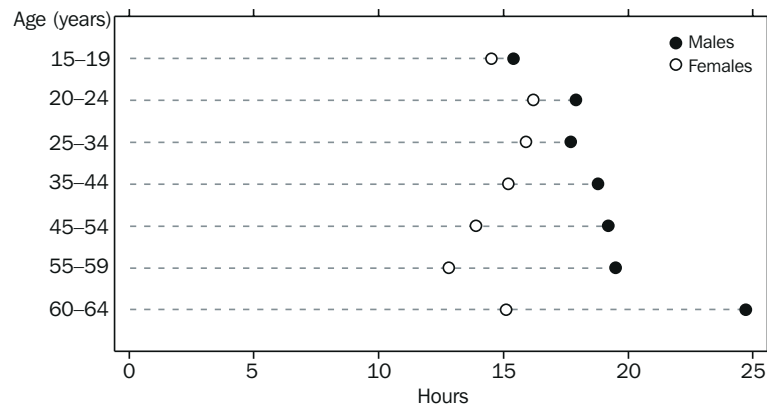
USUAL HOURS WORKED AND PREFERRED NUMBER OF EXTRA HOURS



The desired number of extra hours was highest for people who usually worked 1–10 hours. These people wanted an average of 20 extra hours. The desired extra hours decreased as the usual number of hours increased.

Of those who usually worked less than 10 hours per week, about half (49%) wanted up to 19 extra hours. Approximately one-third (35%) of those who usually worked 11–20 hours wanted 10–19 extra hours and 47% wanted to work 20–29 extra hours per week. Nearly all those who usually worked 21–34 hours (98%) wanted less than 20 extra hours.

AVERAGE EXTRA HOURS WANTED



Out of a total of 7,604,300 additional hours wanted per week, males wanted an extra 3,412,900 hours and females wanted 4,191,400 hours.

Job search experience

Information on job search experience was asked of the 289,800 part-time workers who were looking for work with more hours.

The main reasons these people had not found work with additional hours were 'no vacancies in line of work' (24%), 'no vacancies at all' (13%), 'considered too young or old by employers' (10%) and 'too many applicants for available jobs' (9%). 'Unsuitable hours' was also a commonly reported difficulty for females (8%).

The steps most frequently taken to find work with more hours were 'contacted prospective employers' (81%), 'looked in newspapers' (66%), 'registered with Centrelink' (37%) and 'contacted friends or relatives' (33%).

USUALLY WORK FULL-TIME

There were 42,800 people who usually work full-time but worked part-time hours in the reference week due to economic reasons (being stood down, on short time or insufficient work). Males made up the majority of these people (77%).

The number of people who usually worked full-time but worked part-time due to economic reasons increased 13% from September 1997. However, the 1998 figure was still lower than the September 1996 figure of 47,800.

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1. LABOUR FORCE STATUS

	September 1996		September 1997		September 1998		
	Males	Females	Males	Females	Males	Females	Persons
	—'000—						
<i>Persons aged 15 and over</i>	7,090.5	7,314.8	7,160.2	7,401.5	7,242.6	7,467.4	14,709.9
Not in the labour force	1,846.4	3,328.9	1,901.3	3,381.8	1,902.5	3,366.3	5,268.8
In the labour force	5,244.0	3,985.8	5,259.0	4,019.7	5,340.0	4,101.1	9,441.1
Unemployed	465.8	334.5	469.5	323.3	444.7	319.3	763.9
Employed	4,778.3	3,651.3	4,789.4	3,696.5	4,895.5	3,781.8	8,677.2

2. UNDEREMPLOYMENT STATUS

	September 1996		September 1997		September 1998		
	Males	Females	Males	Females	Males	Females	Persons
	—'000—						
<i>Employed persons</i>	4,778.3	3,651.3	4,789.4	3,696.5	4,895.5	3,781.8	8,677.2
Fully employed workers	4,536.0	3,347.1	4,559.3	3,373.2	4,660.3	3,471.3	8,131.6
Full-time workers	4,162.9	2,066.9	4,174.1	2,065.5	4,284.2	2,195.0	6,479.2
Part-time workers	373.1	1,280.2	385.1	1,307.6	376.1	1,276.3	1,652.4
Usually work full-time but worked part-time	39.6	8.2	33.2	4.8	32.9	10.0	42.8
Usually work part-time and want more hours	202.7	296.1	197.0	318.5	202.3	300.5	502.8
Usually work part-time and want more part-time hours	43.7	141.0	41.8	152.1	48.0	135.9	183.9
Usually work part-time and want full-time hours	159.0	155.0	155.2	166.4	154.2	164.7	318.9

3. USUALLY WORK PART-TIME AND WANT MORE HOURS

	September 1996		September 1997		September 1998		
	Males	Females	Males	Females	Males	Females	Persons
	—'000—						
Had been looking for work with more hours —							
Were available to start —							
Last week	120.7	123.3	112.2	130.2	111.4	127.5	238.9
Not last week but within four weeks	12.4	27.4	13.9	27.5	12.8	28.1	40.9
Were not available to start	*4.2	*3.2	*2.5	*4.4	6.0	*4.1	10.1
Had not been looking for work with more hours —							
Were available to start —							
Last week	38.0	84.8	40.1	93.0	48.1	81.4	129.5
Not last week but within four weeks	13.0	33.8	15.5	37.0	12.3	37.0	49.3
Were not available to start	14.3	23.6	12.8	26.4	11.7	22.4	34.1
Total	202.7	296.1	197.0	318.5	202.3	300.5	502.8

4. EMPLOYED PERSONS: SELECTED CHARACTERISTICS

	Usually work part-time and want more hours				Fully employed workers			
	Males	Females	Persons	%	Males	Females	Persons	%
	— '000 —				— '000 —			
State or Territory of usual residence —								
New South Wales	61.1	82.5	143.6	28.6	1,576.7	1,184.9	2,761.6	34.0
Victoria	50.5	78.4	128.9	25.6	1,169.3	872.1	2,041.3	25.1
Queensland	45.2	66.6	111.8	22.2	859.6	630.3	1,489.9	18.3
South Australia	15.2	30.3	45.5	9.0	353.7	252.5	606.1	7.5
Western Australia	18.3	28.8	47.0	9.4	478.4	351.2	829.5	10.2
Tasmania	6.4	8.1	14.4	2.9	101.7	77.4	179.1	2.2
Northern Territory(a)	* 1.7	* 1.6	3.2	0.6	41.6	34.5	76.1	0.9
Australian Capital Territory	4.0	4.4	8.3	1.7	79.4	68.5	147.9	1.8
Age group (years) —								
15-19	42.9	44.3	87.3	17.4	264.0	255.8	519.8	6.4
20-24	43.1	52.9	96.0	19.1	466.4	408.4	874.8	10.8
25-34	40.0	55.8	95.8	19.1	1,188.4	867.7	2,056.1	25.3
35-44	34.0	73.1	107.2	21.3	1,194.0	897.8	2,091.8	25.7
45-54	26.1	59.8	85.9	17.1	999.3	764.7	1,764.0	21.7
55-59	10.1	10.2	20.3	4.0	297.2	167.8	465.0	5.7
60-64	5.0	* 3.2	8.3	1.6	159.5	71.0	230.5	2.8
65 and over	* 0.9	* 1.1	* 2.1	* 0.4	91.5	38.1	129.6	1.6
Relationship in household —								
Family member	147.8	239.4	387.2	77.0	3,792.4	2,847.8	6,640.1	81.7
Husband or wife	76.7	130.6	207.2	41.2	2,976.3	2,055.3	5,031.7	61.9
With dependants present	44.0	80.6	124.6	24.8	1,760.8	1,086.1	2,847.0	35.0
Without dependants present	32.7	49.9	82.6	16.4	1,215.5	969.2	2,184.7	26.9
Lone parent	* 1.1	39.2	40.2	8.0	52.3	240.2	292.5	3.6
With dependants present	* 1.1	35.0	36.0	7.2	35.0	183.6	218.6	2.7
Without dependants present	* 0.0	* 4.2	* 4.2	* 0.8	17.3	56.6	73.9	0.9
Dependent student	25.5	20.8	46.3	9.2	131.0	188.6	319.6	3.9
Non-dependent child	40.6	43.3	83.8	16.7	558.0	307.5	865.5	10.6
Other family person	* 4.0	5.6	9.6	1.9	74.7	56.2	130.9	1.6
Non-family member	46.8	48.5	95.3	19.0	724.4	501.7	1,226.1	15.1
Lone person	25.8	24.0	49.7	9.9	395.5	254.6	650.1	8.0
Not living alone	21.1	24.5	45.6	9.1	328.8	247.1	576.0	7.1
Not determined	7.6	12.7	20.3	4.0	143.6	121.8	265.4	3.3
Birthplace —								
Born in Australia	150.9	235.4	386.4	76.8	3,452.6	2,651.1	6,103.7	75.1
Born outside Australia	51.3	65.1	116.4	23.2	1,207.8	820.2	2,027.9	24.9
Born in main English-speaking countries	15.7	26.9	42.6	8.5	524.1	357.8	881.9	10.8
Born in other countries	35.7	38.1	73.8	14.7	683.6	462.4	1,146.0	14.1
Full-time and part-time workers —								
Full-time workers	..	..	..	..	4,284.2	2,195.0	6,479.2	79.7
Part-time workers	202.3	300.5	502.8	100.0	376.1	1,276.3	1,652.4	20.3
Status in employment —								
Employee	167.8	274.1	442.0	87.9	3,947.5	3,107.2	7,054.7	86.8
Employer	* 0.9	* 3.0	* 3.9	* 0.8	206.3	91.4	297.7	3.7
Own account worker	26.1	15.7	41.8	8.3	479.5	232.9	712.4	8.8
Contributing family worker	7.4	7.7	15.1	3.0	27.1	39.8	66.9	0.8
Number of hours worked in reference week —								
0-5	35.6	65.7	101.3	20.1	252.3	323.1	575.4	7.1
6-10	40.3	53.7	94.0	18.7	99.8	233.0	332.8	4.1
11-15	29.8	44.6	74.5	14.8	66.3	203.4	269.7	3.3
16-20	36.3	51.4	87.7	17.4	98.2	237.7	335.8	4.1
21-29	37.1	58.1	95.1	18.9	121.5	302.5	424.0	5.2
30-34	23.2	26.9	50.1	10.0	188.4	274.7	463.1	5.7
35 or more	..	..	..	..	3,833.9	1,896.9	5,730.7	70.5
Total	202.3	300.5	502.8	100.0	4,660.3	3,471.3	8,131.6	100.0

(a) Refers to mainly urban areas only.

5. EMPLOYED PERSONS WHO USUALLY WORK PART-TIME AND WANT MORE HOURS

	<i>Number</i>			<i>Proportion of labour force</i>		
	<i>Males</i>	<i>Females</i>	<i>Persons</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>
	—'000—			—%—		
<i>May</i>						
1985	58.5	141.1	199.6	1.3	5.0	2.8
1988	72.7	163.6	236.3	1.5	5.1	3.0
1991	134.3	256.2	390.4	2.7	7.2	4.6
<i>September</i>						
1994	179.1	281.3	460.5	3.5	7.3	5.2
1995	188.2	311.2	499.3	3.6	8.0	5.5
1996	202.7	296.1	498.7	3.9	7.4	5.4
1997	197.0	318.5	515.5	3.7	7.9	5.6
1998	202.3	300.5	502.8	3.8	7.3	5.3

6. PERSONS WHO USUALLY WORK PART-TIME AND WANT MORE HOURS: DURATION OF CURRENT PERIOD OF INSUFFICIENT WORK

	Duration of current period of insufficient work (weeks)				Total	Average duration	Median duration
	1-3	4-12	13-51	52 and over			
	MALES						
	— '000 —					— weeks —	
<i>State or Territory of usual residence —</i>							
New South Wales	8.0	14.9	19.2	19.0	61.1	49.1	26
Victoria	6.2	13.3	14.8	16.2	50.5	58.5	23
Queensland	7.7	11.8	13.9	11.8	45.2	41.8	20
South Australia	* 1.4	* 1.8	5.5	6.5	15.2	103.9	39
Western Australia	* 2.2	6.3	6.2	3.6	18.3	38.2	16
Tasmania	* 1.1	* 0.4	2.9	2.0	6.4	44.1	26
Northern Territory(a)	* 0.0	* 0.7	* 0.7	* 0.3	* 1.7	* 46.7	* 24
Australian Capital Territory	* 0.5	* 0.7	* 1.1	1.7	4.0	47.6	26
<i>Age group (years) —</i>							
15-19	6.3	11.2	17.8	7.6	42.9	27.7	21
20-24	8.0	15.0	12.6	7.6	43.1	29.6	12
25-34	6.4	10.0	14.7	8.9	40.0	33.2	18
35-44	* 3.7	8.0	8.6	13.8	34.0	68.8	27
45-54	* 1.3	* 4.2	5.3	15.2	26.1	123.0	80
55-59	* 1.1	* 0.8	* 2.7	5.6	10.1	71.5	52
60-64	* 0.3	* 0.7	* 2.1	* 1.9	5.0	* 93.2	26
65 and over	* 0.0	* 0.0	* 0.4	* 0.5	* 0.9	* 143.2	* 208
<i>Birthplace and period of arrival —</i>							
Born in Australia	21.5	39.2	46.2	44.0	150.9	51.5	21
Born outside Australia	5.7	10.6	18.1	17.0	51.3	56.4	26
Arrived before 1961	* 0.3	* 0.4	* 1.3	* 2.6	4.6	* 107.4	52
Arrived 1961-1970	* 0.6	* 1.1	* 2.9	* 3.8	8.4	76.3	50
Arrived 1971-1980	* 0.9	* 0.7	* 2.7	* 3.8	8.0	93.7	39
Arrived 1981-1990	* 2.0	4.7	* 4.4	4.7	15.7	39.0	18
Arrived 1991 to survey date	* 2.0	* 3.8	6.7	* 2.1	14.6	27.1	20
Born in main English-speaking countries	* 1.5	* 3.6	6.3	* 4.3	15.7	62.0	26
Born in other countries	* 4.2	7.0	11.8	12.6	35.7	53.9	26
<i>Educational attainment —</i>							
With post-school qualifications(b)	9.5	19.9	21.6	26.7	77.7	58.4	25
Higher degree	* 0.5	* 1.0	* 0.1	* 0.4	* 2.0	* 35.0	* 9
Post-graduate diploma	* 0.0	* 0.9	* 0.0	* 1.0	* 1.8	* 130.7	* 104
Bachelor degree	* 3.1	* 4.2	* 3.8	7.0	18.1	44.3	26
Undergraduate or associate diploma	* 0.9	6.1	* 3.8	* 4.4	15.2	89.4	18
Skilled or basic vocational qualification	5.1	7.8	13.6	13.9	40.3	51.2	26
Without post-school qualifications	15.3	26.9	38.3	32.1	112.6	51.6	26
Completed highest level of secondary school	5.0	11.4	18.7	9.8	44.8	38.7	26
Did not complete highest level of secondary school	10.4	15.6	19.2	22.3	67.5	60.3	26
Still at school	* 2.3	* 3.0	* 4.4	* 2.2	11.9	26.7	13
<i>Status in employment —</i>							
Employee	22.4	42.3	54.5	48.7	167.8	49.9	24
Employer	* 0.6	* 0.0	* 0.0	* 0.3	* 0.9	* 129.2	* 1
Own account worker	* 2.3	6.3	7.1	10.4	26.1	73.8	26
Contributing family worker	* 1.9	* 1.3	* 2.7	* 1.6	7.4	34.2	20
Total	27.1	49.9	64.3	61.0	202.3	52.7	25

6. PERSONS WHO USUALLY WORK PART-TIME AND WANT MORE HOURS: DURATION OF CURRENT PERIOD OF INSUFFICIENT WORK—continued

	Duration of current period of insufficient work (weeks)				Total	Average duration	Median duration
	1-3	4-12	13-51	52 and over			
FEMALES							
	— '000 —					— weeks —	
<i>State or Territory of usual residence —</i>							
New South Wales	9.4	14.9	26.1	32.1	82.5	66.9	26
Victoria	6.3	16.6	28.8	26.7	78.4	62.0	26
Queensland	6.7	13.5	23.2	23.1	66.6	56.4	26
South Australia	* 2.2	5.6	8.8	13.7	30.3	81.4	35
Western Australia	3.8	7.2	8.9	8.9	28.8	40.2	22
Tasmania	* 0.4	* 1.4	2.8	3.4	8.1	66.2	41
Northern Territory(a)	* 0.3	* 0.6	* 0.2	* 0.4	* 1.6	* 110.7	* 10
Australian Capital Territory	* 0.4	1.3	1.3	1.3	4.4	51.2	26
<i>Age group (years) —</i>							
15-19	6.6	10.8	18.9	8.1	44.3	27.5	20
20-24	5.5	9.5	21.0	16.8	52.9	46.8	26
25-34	6.7	14.3	18.9	15.9	55.8	46.8	20
35-44	6.8	14.6	24.1	27.6	73.1	59.7	26
45-54	* 3.9	10.5	14.1	31.4	59.8	102.1	52
55-59	* 0.0	* 0.8	* 2.1	7.3	10.2	115.5	104
60-64	* 0.0	* 0.5	* 0.3	* 2.5	* 3.2	* 209.8	* 78
65 and over	* 0.0	* 0.0	* 1.0	* 0.1	* 1.1	* 48.6	* 36
<i>Birthplace and period of arrival —</i>							
Born in Australia	19.3	49.0	80.6	86.5	235.4	62.4	26
Born outside Australia	10.3	11.9	19.7	23.2	65.1	61.4	26
Arrived before 1961	* 0.4	* 0.9	* 2.3	* 2.5	6.2	* 61.3	36
Arrived 1961-1970	* 1.5	* 2.3	* 3.6	6.9	14.3	87.3	41
Arrived 1971-1980	* 2.3	* 2.1	* 3.3	* 4.5	12.2	71.1	26
Arrived 1981-1990	* 2.8	* 3.1	5.9	* 3.7	15.4	46.2	20
Arrived 1991 to survey date	* 3.3	* 3.5	4.7	5.5	17.0	46.4	17
Born in main English-speaking countries	* 3.4	5.8	8.2	9.5	26.9	51.3	26
Born in other countries	6.9	6.1	11.5	13.7	38.1	68.5	26
<i>Educational attainment —</i>							
With post-school qualifications(b)	11.8	26.7	35.3	39.6	113.4	55.4	26
Higher degree	* 0.0	* 0.5	* 1.3	* 1.2	* 3.0	* 112.5	* 26
Post-graduate diploma	* 0.5	* 0.4	* 1.1	* 2.2	* 4.1	* 60.5	* 52
Bachelor degree	* 2.7	8.1	6.3	6.2	23.2	40.4	15
Undergraduate or associate diploma	* 1.7	6.3	7.7	7.3	23.1	43.0	20
Skilled or basic vocational qualification	6.9	11.4	18.9	22.6	59.8	62.2	26
Without post-school qualifications	16.9	30.6	60.2	67.7	175.4	69.1	30
Completed highest level of secondary school	6.6	11.0	27.7	16.8	62.1	55.4	26
Did not complete highest level of secondary school	10.3	19.2	32.5	50.9	112.9	76.9	35
Still at school	* 0.9	* 3.6	4.8	* 2.3	11.6	24.4	21
<i>Status in employment —</i>							
Employee	28.0	54.9	92.8	98.5	274.1	62.4	26
Employer	* 0.0	* 0.0	* 1.0	* 2.0	* 3.0	* 101.4	* 52
Own account worker	* 0.7	* 3.6	4.6	6.7	15.7	57.9	30
Contributing family worker	* 0.9	* 2.4	* 1.9	* 2.4	7.7	49.6	20
Total	29.6	60.9	100.3	109.7	300.5	62.2	26

6. PERSONS WHO USUALLY WORK PART-TIME AND WANT MORE HOURS: DURATION OF CURRENT PERIOD OF INSUFFICIENT WORK—continued

	Duration of current period of insufficient work (weeks)				Total	Average duration	Median duration
	1-3	4-12	13-51	52 and over			
PERSONS							
	— '000 —					— weeks —	
<i>State or Territory of usual residence —</i>							
New South Wales	17.4	29.8	45.3	51.1	143.6	59.3	26
Victoria	12.5	29.9	43.6	42.9	128.9	60.6	26
Queensland	14.5	25.2	37.2	34.9	111.8	50.5	23
South Australia	3.6	7.4	14.3	20.2	45.5	88.9	37
Western Australia	6.0	13.5	15.1	12.4	47.0	39.4	20
Tasmania	* 1.5	1.8	5.7	5.4	14.4	56.5	34
Northern Territory(a)	* 0.3	* 1.2	* 0.9	* 0.8	3.2	77.6	13
Australian Capital Territory	* 0.9	1.9	2.4	3.0	8.3	49.5	26
<i>Age group (years) —</i>							
15-19	13.0	22.0	36.6	15.7	87.3	27.6	20
20-24	13.5	24.4	33.6	24.4	96.0	39.1	20
25-34	13.2	24.3	33.6	24.8	95.8	41.1	18
35-44	10.5	22.6	32.6	41.4	107.2	62.6	26
45-54	5.2	14.7	19.4	46.5	85.9	108.5	52
55-59	* 1.1	* 1.5	4.8	12.9	20.3	93.5	65
60-64	* 0.3	* 1.2	* 2.4	* 4.3	8.3	139.0	52
65 and over	* 0.0	* 0.0	* 1.4	* 0.6	* 2.1	* 92.0	* 104
<i>Birthplace and period of arrival —</i>							
Born in Australia	40.7	88.3	126.8	130.6	386.4	58.2	26
Born outside Australia	16.0	22.5	37.8	40.1	116.4	59.2	26
Arrived before 1961	* 0.7	* 1.3	* 3.6	5.2	10.8	81.1	42
Arrived 1961-1970	* 2.1	* 3.4	6.5	10.7	22.7	83.2	41
Arrived 1971-1980	* 3.2	* 2.8	6.0	8.3	20.2	80.0	31
Arrived 1981-1990	4.7	7.8	10.3	8.4	31.1	42.6	20
Arrived 1991 to survey date	5.3	7.3	11.4	7.6	31.6	37.4	20
Born in main English-speaking countries	4.9	9.4	14.5	13.8	42.6	55.2	26
Born in other countries	11.1	13.1	23.3	26.3	73.8	61.5	26
<i>Educational attainment —</i>							
With post-school qualifications(b)	21.2	46.6	56.9	66.4	191.2	56.6	26
Higher degree	* 0.5	* 1.4	* 1.4	* 1.6	4.9	* 81.8	20
Post-graduate diploma	* 0.5	* 1.3	* 1.1	* 3.1	6.0	* 82.1	52
Bachelor degree	5.8	12.3	10.1	13.2	41.3	42.1	20
Undergraduate or associate diploma	* 2.6	12.4	11.6	11.7	38.3	61.4	20
Skilled or basic vocational qualification	12.0	19.2	32.5	36.5	100.2	57.7	26
Without post-school qualifications	32.2	57.6	98.5	99.8	288.1	62.2	26
Completed highest level of secondary school	11.6	22.4	46.4	26.6	106.9	48.4	26
Did not complete highest level of secondary school	20.7	34.7	51.7	73.2	180.3	70.7	30
Still at school	* 3.3	6.6	9.2	* 4.5	23.5	25.6	13
<i>Status in employment —</i>							
Employee	50.3	97.2	147.2	147.2	442.0	57.6	26
Employer	* 0.6	* 0.0	* 1.0	* 2.3	* 3.9	* 107.6	* 52
Own account worker	* 3.0	9.9	11.7	17.2	41.8	67.8	26
Contributing family worker	* 2.8	* 3.7	4.6	* 4.0	15.1	42.0	20
Total	56.7	110.8	164.6	170.7	502.8	58.4	26

(a) Refers to mainly urban areas only. (b) Includes nursing level unknown.

7. PERSONS WHO USUALLY WORK PART-TIME AND WANT MORE HOURS: LOOKING FOR OR AVAILABLE TO START SUCH WORK LAST WEEK

	Whether had been looking for work with more hours and whether available to start such work last week					
	Looking or available				Not looking and not available	
	Looking and available	Looking but not available	Not looking but available	Total		Total
MALES						
	— '000 —					
Age group (years) —						
15-19	15.5	5.6	15.6	36.6	6.4	42.9
20-24	26.0	* 3.6	8.0	37.6	5.5	43.1
25-34	24.2	* 4.3	8.2	36.7	* 3.3	40.0
35-44	21.7	* 3.3	5.9	30.9	* 3.1	34.0
45-54	14.4	* 1.7	5.5	21.6	* 4.5	26.1
55-59	6.0	* 0.3	* 3.0	9.4	* 0.8	10.1
60-64	* 3.6	* 0.0	* 1.4	5.0	* 0.0	5.0
65 and over	* 0.0	* 0.0	* 0.5	* 0.5	* 0.4	* 0.9
Relationship in household —						
Family member	77.3	13.6	38.4	129.3	18.5	147.8
Husband	45.2	6.0	16.6	67.8	8.8	76.7
With dependants present	26.4	* 3.9	8.4	38.7	5.3	44.0
Without dependants present	18.7	* 2.2	8.2	29.1	* 3.6	32.7
Lone parent	* 0.5	* 0.1	* 0.5	* 1.1	* 0.0	* 1.1
With dependants present	* 0.5	* 0.1	* 0.5	* 1.1	* 0.0	* 1.1
Without dependants present	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0
Dependent student	5.3	* 3.2	10.4	18.9	6.6	25.5
Non-dependent child	24.6	* 3.8	9.3	37.8	* 2.8	40.6
Other family person	* 1.8	* 0.5	* 1.5	* 3.8	* 0.2	* 4.0
Non-family member	30.9	* 4.5	7.8	43.1	* 3.7	46.8
Lone person	17.7	* 2.1	4.9	24.7	* 1.1	25.8
Not living alone	13.2	* 2.4	* 2.9	18.5	* 2.6	21.1
Not determined	* 3.1	* 0.7	* 1.9	5.8	* 1.8	7.6
Birthplace —						
Born in Australia	79.1	13.8	39.8	132.8	18.1	150.9
Born outside Australia	32.3	5.0	8.2	45.5	5.9	51.3
Born in main English-speaking countries	9.9	* 1.4	* 2.6	14.0	* 1.7	15.7
Born in other countries	22.3	* 3.5	5.7	31.5	* 4.1	35.7
Preferred total number of hours —						
Less than 35	17.8	* 2.6	18.8	39.2	8.8	48.0
More than 35	93.6	16.2	29.3	139.1	15.1	154.2
Preferred number of extra hours —						
Less than 10	8.1	* 4.5	18.0	30.6	9.1	39.7
10-19	38.0	5.7	19.7	63.4	7.0	70.4
20-29	45.5	6.3	6.8	58.6	5.6	64.2
30 or more	19.8	* 2.3	* 3.6	25.7	* 2.2	27.9
Whether would prefer to change employer to work more hours —						
Would prefer to change employer	28.7	8.2	12.9	49.7	6.4	56.1
Would prefer not to change employer	43.1	8.0	27.4	78.5	15.7	94.2
No preference	39.7	* 2.6	7.8	50.1	* 1.9	52.0
Whether would prefer to change occupation to work more hours —						
Would prefer to change occupation	44.6	9.9	18.1	72.7	8.7	81.4
Would prefer not to change occupation	35.3	5.9	21.0	62.3	13.7	76.0
No preference	31.5	* 2.9	8.9	43.4	* 1.5	44.9
Duration of current period of insufficient work (weeks)						
1-3	15.2	* 2.9	7.4	25.4	* 1.7	27.1
4-12	28.8	* 3.7	10.7	43.2	6.7	49.9
13-51	34.8	6.3	15.7	56.8	7.5	64.3
52 and over	32.6	6.0	14.3	52.9	8.1	61.0
Total	111.4	18.8	48.1	178.3	24.0	202.3
	— weeks —					
Average duration of insufficient work	48.9	48.5	54.3	50.3	70.6	52.7
Median duration of insufficient work	20	26	26	24	26	25

7. PERSONS WHO USUALLY WORK PART-TIME AND WANT MORE HOURS: LOOKING FOR OR AVAILABLE TO START SUCH WORK LAST WEEK—continued

	Whether had been looking for work with more hours and whether available to start such work last week					
	Looking or available				Not looking and not available	
	Looking and available	Looking but not available	Not looking but available	Total		Total
FEMALES						
	— '000 —					
Age group (years) —						
15-19	21.3	4.8	13.3	39.3	5.0	44.3
20-24	26.2	4.8	11.3	42.3	10.5	52.9
25-34	26.5	5.8	13.7	46.1	9.7	55.8
35-44	32.6	8.4	19.4	60.4	12.7	73.1
45-54	17.8	6.8	18.1	42.7	17.1	59.8
55-59	* 2.0	* 1.3	* 3.2	6.6	* 3.6	10.2
60-64	* 1.0	* 0.0	* 1.6	* 2.6	* 0.7	* 3.2
65 and over	* 0.0	* 0.3	* 0.8	* 1.1	* 0.0	* 1.1
Relationship in household —						
Family member	96.4	24.1	68.6	189.1	50.2	239.4
Wife	46.7	11.7	41.9	100.4	30.2	130.6
With dependants present	29.9	7.0	26.9	63.9	16.8	80.6
Without dependants present	16.8	4.7	15.0	36.5	13.4	49.9
Lone parent	15.6	5.9	8.0	29.5	9.7	39.2
With dependants present	14.0	5.2	7.5	26.7	8.3	35.0
Without dependants present	* 1.6	* 0.7	* 0.5	* 2.8	* 1.4	* 4.2
Dependent student	7.9	* 2.4	6.7	17.0	* 3.8	20.8
Non-dependent child	22.2	* 3.3	11.2	36.7	6.6	43.3
Other family person	* 4.0	* 0.7	* 0.9	5.6	* 0.0	5.6
Non-family member	26.5	5.9	8.3	40.7	7.8	48.5
Lone person	12.5	* 3.0	* 3.3	18.8	5.2	24.0
Not living alone	14.1	* 2.9	5.0	22.0	* 2.5	24.5
Not determined	4.6	* 2.2	* 4.5	11.2	* 1.5	12.7
Birthplace —						
Born in Australia	97.8	26.1	62.2	186.1	49.3	235.4
Born outside Australia	29.7	6.1	19.1	54.9	10.1	65.1
Born in main English-speaking countries	13.1	* 2.6	7.3	23.0	* 3.9	26.9
Born in other countries	16.6	* 3.5	11.8	31.9	6.2	38.1
Preferred total number of hours —						
Less than 35	48.6	12.1	44.8	105.6	30.2	135.9
More than 35	78.8	20.1	36.5	135.5	29.2	164.7
Preferred number of extra hours —						
Less than 10	24.9	8.4	26.8	60.1	27.0	87.1
10-19	51.7	16.4	38.7	106.8	23.0	129.8
20-29	33.4	6.5	12.1	52.0	7.4	59.3
30 or more	17.5	* 0.9	* 3.7	22.2	* 2.1	24.3
Whether would prefer to change employer to work more hours —						
Would prefer to change employer	40.8	13.1	18.8	72.7	10.9	83.5
Would prefer not to change employer	55.0	13.3	48.5	116.8	42.7	159.5
No preference	31.7	5.8	14.1	51.6	5.9	57.4
Whether would prefer to change occupation to work more hours —						
Would prefer to change occupation	46.9	15.6	26.9	89.4	15.1	104.5
Would prefer not to change occupation	46.6	12.4	42.4	101.4	37.5	138.8
No preference	34.0	* 4.2	12.1	50.3	6.9	57.2
Duration of current period of insufficient work (weeks)						
1-3	15.1	* 2.2	7.5	24.8	4.7	29.6
4-12	30.1	5.7	13.1	48.9	12.0	60.9
13-51	42.1	13.5	24.9	80.5	19.8	100.3
52 and over	40.1	10.9	35.9	86.9	22.9	109.7
Total	127.5	32.2	81.4	241.1	59.4	300.5
	— weeks —					
Average duration of insufficient work	46.6	55.4	78.9	58.7	76.5	62.2
Median duration of insufficient work	25	26	36	26	34	26

7. PERSONS WHO USUALLY WORK PART-TIME AND WANT MORE HOURS: LOOKING FOR OR AVAILABLE TO START SUCH WORK LAST WEEK—continued

	Whether had been looking for work with more hours and whether available to start such work last week					
	Looking or available				Not looking and not available	
	Looking and available	Looking but not available	Not looking but available	Total		Total
PERSONS						
	— '000 —					
Age group (years) —						
15-19	36.7	10.4	28.8	75.9	11.4	87.3
20-24	52.2	8.4	19.3	79.9	16.1	96.0
25-34	50.8	10.1	21.9	82.8	13.0	95.8
35-44	54.3	11.7	25.4	91.3	15.8	107.2
45-54	32.2	8.5	23.6	64.3	21.6	85.9
55-59	8.1	* 1.6	6.2	15.9	* 4.4	20.3
60-64	4.6	* 0.0	* 3.0	7.6	* 0.7	8.3
65 and over	* 0.0	* 0.3	* 1.3	* 1.6	* 0.4	* 2.1
Relationship in household —						
Family member	173.7	37.7	107.0	318.5	68.7	387.2
Husband or wife	91.9	17.7	58.6	168.2	39.0	207.2
With dependants present	56.4	10.9	35.4	102.6	22.0	124.6
Without dependants present	35.5	6.9	23.2	65.6	17.0	82.6
Lone parent	16.1	6.0	8.5	30.6	9.7	40.2
With dependants present	14.5	5.3	8.0	27.8	8.3	36.0
Without dependants present	* 1.6	* 0.7	* 0.5	* 2.8	* 1.4	* 4.2
Dependent student	13.1	5.6	17.1	35.9	10.4	46.3
Non-dependent child	46.8	7.2	20.5	74.5	9.3	83.8
Other family person	5.8	* 1.2	* 2.3	9.3	* 0.2	9.6
Non-family member	57.4	10.4	16.0	83.9	11.4	95.3
Lone person	30.1	5.1	8.2	43.4	6.3	49.7
Not living alone	27.3	5.3	7.8	40.4	5.1	45.6
Not determined	7.7	* 2.9	6.4	17.0	* 3.3	20.3
Birthplace —						
Born in Australia	176.9	40.0	102.1	318.9	67.4	386.4
Born outside Australia	62.0	11.1	27.4	100.4	16.0	116.4
Born in main English-speaking countries	23.0	* 4.1	9.9	37.0	5.6	42.6
Born in other countries	39.0	7.0	17.5	63.4	10.4	73.8
Preferred total number of hours —						
Less than 35	66.4	14.7	63.7	144.8	39.1	183.9
More than 35	172.4	36.3	65.8	274.5	44.3	318.9
Preferred number of extra hours —						
Less than 10	32.9	12.9	44.8	90.7	36.1	126.8
10-19	89.7	22.1	58.4	170.2	30.0	200.2
20-29	78.9	12.8	18.9	110.6	13.0	123.6
30 or more	37.3	* 3.3	7.3	47.9	* 4.3	52.2
Whether would prefer to change employer to work more hours —						
Would prefer to change employer	69.5	21.3	31.7	122.4	17.2	139.6
Would prefer not to change employer	98.1	21.3	75.9	195.3	58.4	253.7
No preference	71.3	8.5	21.8	101.6	7.8	109.4
Whether would prefer to change occupation to work more hours —						
Would prefer to change occupation	91.5	25.6	45.0	162.1	23.8	185.9
Would prefer not to change occupation	81.8	18.3	63.5	163.6	51.2	214.8
No preference	65.5	7.1	21.0	93.6	8.4	102.0
Duration of current period of insufficient work (weeks)						
1-3	30.3	5.1	14.9	50.3	6.5	56.7
4-12	58.9	9.3	23.8	92.1	18.7	110.8
13-51	76.9	19.8	40.6	137.2	27.3	164.6
52 and over	72.7	16.9	50.2	139.7	30.9	170.7
Total	238.9	51.0	129.5	419.3	83.4	502.8
	— weeks —					
Average duration of insufficient work	47.7	52.8	69.8	55.1	74.8	58.4
Median duration of insufficient work	23	26	30	26	32	26

8. PERSONS WHO USUALLY WORK PART-TIME AND WANT MORE HOURS AND HAD BEEN LOOKING FOR OR WERE AVAILABLE TO START SUCH WORK: PREFERRED NUMBER OF EXTRA HOURS

	Preferred number of extra hours					Average preferred number of extra hours
	Less than 10	10-19	20-29	30 or more	Total	
MALES						
	— '000 —					hours
Age group (years) —						
15-19	13.1	11.3	10.7	* 4.1	39.2	15.4
20-24	10.1	12.3	13.7	5.3	41.4	17.9
25-34	7.2	14.3	12.7	5.3	39.5	17.7
35-44	* 3.6	12.7	10.9	* 4.3	31.6	18.8
45-54	* 1.5	11.8	6.1	* 4.3	23.7	19.2
55-59	* 0.5	* 3.7	* 4.5	* 0.7	9.4	19.5
60-64	* 0.3	* 1.1	* 1.6	* 2.0	5.0	24.7
65 and over	* 0.0	* 0.5	* 0.2	* 0.0	* 0.7	* 18.1
Status in employment —						
Employee	31.1	58.7	51.4	17.4	158.6	17.4
Employer	* 0.0	* 0.8	* 0.0	* 0.1	* 0.9	* 19.5
Own account worker	* 3.3	6.8	7.6	6.1	23.8	20.0
Contributing family worker	* 1.9	* 1.4	* 1.6	* 2.4	7.3	20.9
Usual number of hours worked —						
1-5	6.5	* 3.2	* 0.8	10.5	21.1	22.7
6-10	6.2	4.7	12.0	11.7	34.6	22.2
11-15	* 3.7	6.0	23.1	* 1.6	34.3	21.3
16-20	* 1.7	14.2	23.7	* 1.2	40.7	18.5
21-29	5.2	26.2	* 0.6	* 0.0	31.9	12.8
30-34	12.6	12.9	* 0.3	* 1.1	26.9	9.9
35 or more	* 0.5	* 0.6	* 0.0	* 0.0	* 1.0	* 7.8
Whether would move interstate if offered a suitable job —						
Would move interstate	8.4	18.3	16.8	8.5	52.0	18.7
Would not move interstate	24.3	40.3	37.2	13.2	115.0	17.4
Might move interstate	* 2.8	7.6	4.9	* 3.1	18.3	18.3
Don't know	* 0.9	* 1.5	* 1.6	* 1.3	5.2	20.4
Whether would move intrastate if offered a suitable job —						
Would move intrastate	10.3	23.6	21.7	11.0	66.6	18.8
Would not move intrastate	20.4	34.6	29.1	10.2	94.4	17.0
Might move intrastate	5.4	8.9	7.8	* 3.8	25.8	18.0
Don't know	* 0.2	* 0.6	* 1.9	* 1.1	* 3.8	23.5
Main difficulty in finding work —						
Had been looking for work with more hours	12.6	43.7	51.8	22.1	130.2	20.3
Own ill health or disability	* 0.2	* 1.0	* 2.3	* 1.3	4.9	25.0
Considered too young or too old by employers	* 0.3	* 3.6	5.9	* 3.2	13.1	23.2
Unsuitable hours	* 0.9	* 2.2	* 0.6	* 0.0	* 3.7	12.7
Too far to travel/transport problems	* 0.3	* 2.6	* 0.9	* 1.5	5.2	19.8
Lacked necessary skills/education	* 0.3	* 2.1	4.8	* 0.9	8.0	21.2
Language difficulties	* 0.0	* 0.3	* 1.9	* 0.2	* 2.5	24.4
Insufficient work experience	* 1.3	* 2.8	5.0	* 1.4	10.5	19.9
No vacancies in line of work	* 3.3	11.7	13.1	* 3.4	31.5	19.5
Too many applicants for available jobs	* 1.9	* 3.5	5.4	* 2.2	13.0	19.2
No vacancies at all	* 1.2	6.6	9.2	* 3.8	20.9	21.4
Difficulties due to ethnic background	* 0.0	* 0.4	* 0.3	* 0.0	* 0.7	* 16.2
Difficulties with childcare	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0
Other family responsibilities	* 0.0	* 0.0	* 0.3	* 0.7	* 1.0	* 29.9
Other difficulties	* 1.8	* 4.5	* 1.4	* 1.6	9.2	16.9
No difficulties reported	* 1.2	* 2.3	* 0.6	* 1.9	5.9	20.0
Had not been looking for work with more hours	23.7	24.0	8.8	* 3.9	60.4	12.8
Total	36.3	67.7	60.6	26.0	190.6	17.9
			— weeks —			
Average duration of insufficient work	34.6	56.5	49.2	57.7	50.2	..
Median duration of insufficient work	13	20	26	26	24	..

8. PERSONS WHO USUALLY WORK PART-TIME AND WANT MORE HOURS AND HAD BEEN LOOKING FOR OR WERE AVAILABLE TO START SUCH WORK: PREFERRED NUMBER OF EXTRA HOURS—continued

	Preferred number of extra hours					Average preferred number of
	Less than 10	10-19	20-29	30 or more	Total	extra hours
FEMALES						
	— '000 —					hours
Age group (years) —						
15-19	15.5	13.2	9.1	* 4.0	41.9	14.5
20-24	13.2	18.8	10.2	6.0	48.3	16.2
25-34	9.2	28.9	9.4	* 4.3	51.7	15.9
35-44	18.8	30.2	15.1	* 4.4	68.6	15.2
45-54	17.1	24.6	9.1	* 3.1	53.8	13.9
55-59	* 2.8	* 4.1	* 2.5	* 0.0	9.5	12.8
60-64	* 0.6	* 1.8	* 0.8	* 0.0	* 3.2	15.1
65 and over	* 0.5	* 0.0	* 0.0	* 0.6	* 1.1	* 19.6
Status in employment —						
Employee	73.7	113.8	49.5	18.1	255.1	14.8
Employer	* 0.3	* 0.8	* 0.7	* 0.4	* 2.3	19.0
Own account worker	* 2.9	5.0	* 4.0	* 1.9	13.8	16.9
Contributing family worker	* 0.8	* 1.9	* 2.0	* 2.1	6.9	21.8
Usual number of hours worked —						
1-5	12.3	13.3	6.9	12.7	45.1	19.3
6-10	7.0	19.6	12.1	9.5	48.2	18.6
11-15	12.8	12.0	22.7	* 0.0	47.5	16.3
16-20	12.8	29.4	13.6	* 0.0	55.8	14.3
21-29	17.2	39.8	* 0.4	* 0.0	57.3	11.2
30-34	15.7	7.5	* 0.5	* 0.3	24.0	8.4
35 or more	* 0.1	* 0.0	* 0.0	* 0.0	* 0.1	* 3.0
Whether would move interstate if offered a suitable job —						
Would move interstate	8.5	17.6	11.6	5.9	43.6	17.5
Would not move interstate	64.7	92.1	39.6	15.1	211.5	14.5
Might move interstate	* 4.1	10.3	* 3.4	* 0.7	18.4	15.0
Don't know	* 0.4	* 1.7	* 1.7	* 0.8	4.6	20.7
Whether would move intrastate if offered a suitable job —						
Would move intrastate	13.7	25.4	18.4	8.1	65.5	17.6
Would not move intrastate	58.8	79.4	30.1	12.2	180.5	13.9
Might move intrastate	* 4.5	14.7	6.0	* 1.8	26.9	16.3
Don't know	* 0.8	* 2.1	* 1.7	* 0.4	5.1	18.4
Main difficulty in finding work —						
Had been looking for work with more hours	33.3	68.1	39.9	18.4	159.7	16.9
Own ill health or disability	* 0.6	* 0.0	* 0.9	* 0.0	* 1.5	* 14.1
Considered too young or too old by employers	* 2.4	7.5	* 3.4	* 1.9	15.3	17.9
Unsuitable hours	* 3.3	8.3	* 1.5	* 0.0	13.1	12.5
Too far to travel/transport problems	* 1.1	* 1.7	* 1.5	* 1.1	5.4	20.2
Lacked necessary skills/education	* 2.4	* 4.3	* 2.4	* 1.1	10.3	16.1
Language difficulties	* 0.0	* 0.7	* 0.2	* 0.4	* 1.3	* 18.4
Insufficient work experience	* 1.6	* 4.2	5.5	* 2.6	13.9	20.8
No vacancies in line of work	7.1	16.6	9.0	5.0	37.7	17.1
Too many applicants for available jobs	* 2.0	5.5	5.7	* 1.1	14.3	17.4
No vacancies at all	* 2.3	8.1	* 4.0	* 1.2	15.5	17.0
Difficulties due to ethnic background	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0
Difficulties with childcare	* 0.4	* 1.3	* 0.0	* 0.2	* 2.0	16.1
Other family responsibilities	* 0.5	* 1.7	* 0.8	* 0.3	* 3.2	17.3
Other difficulties	5.8	6.4	* 3.2	* 1.5	17.0	14.9
No difficulties reported	* 3.8	* 1.8	* 1.8	* 1.9	9.3	17.2
Had not been looking for work with more hours	44.4	53.5	16.4	* 4.0	118.4	12.6
Total	77.7	121.6	56.3	22.5	278.1	15.1
	— weeks —					
Average duration of insufficient work	58.8	68.9	56.7	49.0	62.0	..
Median duration of insufficient work	26	26	26	20	26	..

8. PERSONS WHO USUALLY WORK PART-TIME AND WANT MORE HOURS AND HAD BEEN LOOKING FOR OR WERE AVAILABLE TO START SUCH WORK: PREFERRED NUMBER OF EXTRA HOURS—continued

	Preferred number of extra hours				Total	Average preferred number of extra hours
	Less than 10	10-19	20-29	30 or more		
PERSONS	— '000 —					hours
<i>Age group (years) —</i>						
15-19	28.5	24.5	19.8	8.2	81.1	14.9
20-24	23.3	31.1	24.0	11.3	89.7	17.0
25-34	16.4	43.1	22.1	9.6	91.3	16.7
35-44	22.4	42.9	26.1	8.8	100.2	16.3
45-54	18.6	36.3	15.3	7.3	77.5	15.5
55-59	* 3.3	7.8	7.0	* 0.7	18.9	16.1
60-64	* 1.0	* 2.9	* 2.4	* 2.0	8.3	21.0
65 and over	* 0.5	* 0.5	* 0.2	* 0.6	* 1.8	19.0
<i>Status in employment —</i>						
Employee	104.8	172.6	100.9	35.5	413.7	15.8
Employer	* 0.3	* 1.6	* 0.7	* 0.5	* 3.1	19.1
Own account worker	6.2	11.8	11.5	8.0	37.6	18.9
Contributing family worker	* 2.7	* 3.3	* 3.6	* 4.5	14.2	21.3
<i>Usual number of hours worked —</i>						
1-5	18.8	16.5	7.7	23.2	66.2	20.4
6-10	13.2	24.3	24.2	21.2	82.8	20.1
11-15	16.5	17.9	45.8	* 1.6	81.7	18.4
16-20	14.4	43.6	37.3	* 1.2	96.5	16.1
21-29	22.4	65.9	* 1.0	* 0.0	89.3	11.8
30-34	28.3	20.4	* 0.8	* 1.4	50.9	9.2
35 or more	* 0.6	* 0.6	* 0.0	* 0.0	* 1.1	* 7.3
<i>Whether would move interstate if offered a suitable job —</i>						
Would move interstate	16.9	35.9	28.5	14.4	95.6	18.1
Would not move interstate	89.0	132.4	76.8	28.3	326.5	15.5
Might move interstate	6.9	17.8	8.3	* 3.8	36.7	16.7
Don't know	* 1.3	* 3.2	* 3.3	* 2.0	9.8	20.5
<i>Whether would move intrastate if offered a suitable job —</i>						
Would move intrastate	24.0	49.0	40.1	19.0	132.1	18.2
Would not move intrastate	79.2	114.0	59.3	22.4	274.9	15.0
Might move intrastate	9.8	23.5	13.9	5.6	52.8	17.1
Don't know	* 1.0	* 2.7	* 3.7	* 1.5	8.9	20.6
<i>Main difficulty in finding work —</i>						
Had been looking for work with more hours	45.8	111.8	91.7	40.6	289.9	18.4
Own ill health or disability	* 0.8	* 1.0	* 3.2	* 1.3	6.4	22.5
Considered too young or too old by employers	* 2.8	11.1	9.4	5.2	28.5	20.4
Unsuitable hours	* 4.2	10.5	* 2.1	* 0.0	16.8	12.5
Too far to travel/transport problems	* 1.3	* 4.3	* 2.4	* 2.6	10.6	20.0
Lacked necessary skills/education	* 2.7	6.4	7.2	* 2.1	18.3	18.3
Language difficulties	* 0.0	* 1.1	* 2.1	* 0.6	* 3.8	22.3
Insufficient work experience	* 2.8	7.1	10.6	* 4.0	24.4	20.4
No vacancies in line of work	10.4	28.3	22.1	8.5	69.3	18.2
Too many applicants for available jobs	* 3.9	9.0	11.1	* 3.3	27.3	18.3
No vacancies at all	* 3.5	14.7	13.2	5.1	36.5	19.5
Difficulties due to ethnic background	* 0.0	* 0.4	* 0.3	* 0.0	* 0.7	* 16.2
Difficulties with childcare	* 0.4	* 1.3	* 0.0	* 0.2	* 2.0	16.1
Other family responsibilities	* 0.5	* 1.7	* 1.0	* 1.0	* 4.2	20.2
Other difficulties	7.6	10.9	4.6	* 3.1	26.2	15.6
No difficulties reported	5.0	* 4.0	* 2.4	* 3.7	15.2	18.3
Had not been looking for work with more hours	68.2	77.5	25.2	7.9	178.8	12.6
Total	114.0	189.3	116.8	48.5	468.6	16.2
<i>Average duration of insufficient work</i>	51.5	64.5	52.8	53.6	57.2	..
<i>Median duration of insufficient work</i>	26	26	26	24	26	..

9. PERSONS WHO USUALLY WORK PART-TIME AND WANT MORE HOURS AND HAD BEEN LOOKING FOR OR WERE AVAILABLE TO START SUCH WORK: TOTAL NUMBER OF EXTRA HOURS PREFERRED PER WEEK

	<i>Males</i>	<i>Females</i>	<i>Persons</i>
	— '000 hours —		
<i>State or Territory of usual residence —</i>			
New South Wales	1,044.8	1,166.0	2,210.8
Victoria	852.6	1,101.8	1,954.4
Queensland	761.6	875.9	1,637.5
South Australia	255.0	395.9	650.9
Western Australia	297.6	445.1	742.6
Tasmania	116.4	131.2	247.6
Northern Territory(a)	29.3	22.3	51.6
Australian Capital Territory	55.6	53.2	108.8
<i>Age group (years) —</i>			
15-19	601.9	606.9	1,208.8
20-24	741.9	782.7	1,524.6
25-34	699.9	821.8	1,521.7
35-44	594.6	1,039.6	1,634.2
45-54	454.6	748.1	1,202.6
55-59	182.9	121.3	304.2
60-64	124.2	49.2	173.4
65 and over	13.0	21.8	34.8
<i>Status in employment —</i>			
Employee	2,766.9	3,765.5	6,532.4
Employer	16.9	42.9	59.8
Own account worker	477.4	232.7	710.1
Contributing family worker	151.7	150.2	301.9
<i>Educational attainment —</i>			
With post-school qualifications(b)	1,358.1	1,710.3	3,068.4
Higher degree	42.9	42.2	85.1
Post-graduate diploma	34.3	49.7	84.0
Bachelor degree	293.6	323.8	617.4
Undergraduate or associate diploma	235.9	311.3	547.2
Skilled or basic vocational qualification	749.5	981.2	1,730.8
Without post-school qualifications	1,950.3	2,400.6	4,350.9
Completed highest level of secondary school	651.9	835.9	1,487.8
Did not complete highest level of secondary school	1,285.6	1,563.8	2,849.4
Still at school	104.5	80.4	184.9
Total	3,412.9	4,191.4	7,604.3

(a) Refers to mainly urban areas only. (b) Includes nursing level unknown.

10. PERSONS WHO USUALLY WORK PART-TIME AND WANT MORE HOURS AND HAD BEEN LOOKING FOR OR WERE AVAILABLE TO START SUCH WORK: ALL STEPS TAKEN TO FIND WORK IN THE LAST FOUR WEEKS

<i>All steps taken to find work in the last four weeks</i>	<i>Preferred number of extra hours</i>				<i>Average preferred number of extra hours</i>	
	<i>Less than 10</i>	<i>10-19</i>	<i>20-29</i>	<i>30 or more</i>	<i>Total</i>	
MALES						
			— '000 —			hours
Registered with Centrelink	* 2.1	15.0	30.1	14.0	61.2	23.0
Contacted prospective employers	10.0	34.0	46.8	18.5	109.3	20.7
Checked Centrelink touchscreens	* 0.6	7.1	12.1	6.2	26.1	22.8
Checked factory noticeboards	* 0.3	* 3.7	* 2.1	* 2.9	9.0	20.9
Checked or registered with any other employment agency	* 1.3	9.2	9.7	5.6	25.7	21.5
Looked in newspapers	8.4	24.9	37.8	14.3	85.4	20.5
Searched Internet sites	* 0.0	* 0.3	* 0.0	* 0.0	* 0.3	* 15.0
Answered a newspaper advertisement for a job	* 2.1	9.8	18.1	7.3	37.4	21.7
Advertised or tendered for work	* 1.2	4.9	8.4	* 3.7	18.2	21.2
Contacted friends or relatives	* 3.8	13.1	20.6	8.3	45.9	21.2
Other steps taken to find work	* 1.9	4.7	6.1	* 1.2	14.0	18.2
Had not been looking for work with more hours	23.7	24.0	8.8	* 3.9	60.4	12.8
FEMALES						
			— '000 —			hours
Registered with Centrelink	* 4.2	16.4	16.1	10.3	47.1	20.7
Contacted prospective employers	23.7	54.1	34.3	14.7	126.9	17.4
Checked Centrelink touchscreens	* 0.9	8.4	7.6	4.6	21.5	21.3
Checked factory noticeboards	* 0.0	* 4.2	* 1.2	* 0.6	6.0	17.5
Checked or registered with any other employment agency	* 0.8	6.8	7.0	* 4.1	18.7	21.6
Looked in newspapers	20.2	47.3	25.5	12.4	105.5	16.9
Searched Internet sites	* 0.0	* 0.2	* 0.0	* 0.0	* 0.2	* 15.0
Answered a newspaper advertisement for a job	8.1	19.9	12.4	7.1	47.5	18.0
Advertised or tendered for work	* 1.0	* 4.2	* 2.8	* 1.1	9.0	18.4
Contacted friends or relatives	8.1	22.7	14.3	4.7	49.9	17.3
Other steps taken to find work	5.4	6.5	* 4.3	* 2.2	18.3	16.7
Had not been looking for work with more hours	44.4	53.5	16.4	* 4.0	118.4	12.6
PERSONS						
			— '000 —			hours
Registered with Centrelink	6.4	31.4	46.1	24.3	108.3	22.0
Contacted prospective employers	33.8	88.0	81.1	33.3	236.2	18.9
Checked Centrelink touchscreens	* 1.5	15.5	19.7	10.8	47.6	22.1
Checked factory noticeboards	* 0.3	7.9	* 3.3	* 3.5	15.1	19.5
Checked or registered with any other employment agency	* 2.2	15.9	16.7	9.7	44.5	21.6
Looked in newspapers	28.5	72.3	63.3	26.8	190.9	18.5
Searched Internet sites	* 0.0	* 0.4	* 0.0	* 0.0	* 0.4	* 15.0
Answered a newspaper advertisement for a job	10.3	29.7	30.5	14.4	84.8	19.6
Advertised or tendered for work	* 2.1	9.2	11.1	4.8	27.2	20.3
Contacted friends or relatives	12.0	35.8	34.9	13.1	95.8	19.2
Other steps taken to find work	7.4	11.2	10.4	* 3.4	32.3	17.4
Had not been looking for work with more hours	68.2	77.5	25.2	7.9	178.8	12.6

11. POPULATIONS BY STATE OR TERRITORY OF USUAL RESIDENCE

	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT(a)</i>	<i>ACT</i>	<i>Aust.</i>
MALES									
— '000 —									
<i>Population 1:</i> Persons aged 15 years and over	2,456.2	1,807.0	1,338.3	584.9	705.7	181.2	53.5	115.7	7,242.6
<i>Population 2:</i> Employed persons	1,643.8	1,230.9	911.3	371.2	501.9	109.0	43.4	83.8	4,895.5
<i>Population 3:</i> Fully employed workers	1,576.7	1,169.3	859.6	353.7	478.4	101.7	41.6	79.4	4,660.3
<i>Population 4:</i> Employed persons who usually work part-time and want more hours	61.1	50.5	45.2	15.2	18.3	6.4	* 1.7	4.0	202.3
<i>Population 5:</i> Employed persons who usually work part-time and want more hours who have been looking for work with more hours or were available to start such work last week	60.0	46.1	41.8	14.7	16.8	5.8	* 1.5	3.8	190.6
FEMALES									
— '000 —									
<i>Population 1:</i> Persons aged 15 years and over	2,542.6	1,885.2	1,365.4	605.6	711.1	187.3	50.6	119.5	7,467.4
<i>Population 2:</i> Employed persons	1,269.1	953.1	699.6	283.2	381.1	86.3	36.3	73.1	3,781.8
<i>Population 3:</i> Fully employed workers	1,184.9	872.1	630.3	252.5	351.2	77.4	34.5	68.5	3,471.3
<i>Population 4:</i> Employed persons who usually work part-time and want more hours	82.5	78.4	66.6	30.3	28.8	8.1	* 1.6	4.4	300.5
<i>Population 5:</i> Employed persons who usually work part-time and want more hours who have been looking for work with more hours or were available to start such work last week	75.3	74.2	59.6	28.1	27.4	7.7	* 1.6	4.1	278.1

11. POPULATIONS BY STATE OR TERRITORY OF USUAL RESIDENCE—continued

	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT(a)</i>	<i>ACT</i>	<i>Aust.</i>
PERSONS									
	— '000 —								
<i>Population 1:</i> Persons aged 15 years and over	4,998.9	3,692.2	2,703.7	1,190.5	1,416.8	368.5	104.1	235.2	14,709.9
<i>Population 2:</i> Employed persons	2,913.0	2,184.0	1,610.9	654.4	883.1	195.3	79.7	156.9	8,677.2
<i>Population 3:</i> Fully employed workers	2,761.6	2,041.3	1,489.9	606.1	829.5	179.1	76.1	147.9	8,131.6
<i>Population 4:</i> Employed persons who usually work part-time and want more hours	143.6	128.9	111.8	45.5	47.0	14.4	3.2	8.3	502.8
<i>Population 5:</i> Employed persons who usually work part-time and want more hours who have been looking for work with more hours or were available to start such work last week	135.3	120.3	101.4	42.8	44.2	13.5	3.1	7.9	468.6

(a) Refers to mainly urban areas only.

EXPLANATORY NOTES

INTRODUCTION

1 The Underemployed Workers Survey was conducted as a supplement to the monthly Labour Force Survey (LFS). Respondents to the LFS who fell within the scope of the supplementary survey were asked further questions.

2 For further information about the LFS, see *Labour Force, Australia* (Cat. no. 6203.0). This monthly publication contains information about survey design, sample redesign, scope, coverage and population benchmarks relevant to the monthly LFS, which also apply to supplementary surveys. It also contains definitions of demographic and labour force characteristics which are relevant to both the monthly LFS and supplementary surveys.

SCOPE

3 In addition to those already excluded from the LFS, there were approximately 80,000 persons living in remote and sparsely settled parts of Australia who were out of scope of this survey. The exclusion of these persons has only minor impact on any aggregate estimates that are produced for individual States and Territories, except the Northern Territory. Please contact the person listed on the front cover of this publication if you require more information.

4 Students at boarding schools, patients in hospitals, residents of homes (e.g. retirement homes, homes for persons with handicaps), and inmates of prisons are excluded from all supplementary surveys.

5 This survey was restricted to persons who worked less than 35 hours in the week prior to the survey week, and who would have preferred more hours.

COVERAGE

6 The estimates in this publication relate to persons covered by the survey in September 1998. In the LFS, 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. See Cat. no. 6203.0.

RELIABILITY OF THE ESTIMATES

7 Estimates in this publication are subject to sampling and non-sampling errors:

- Sampling error is the difference between the published estimate and the value that would have been produced if all dwellings had been included in the survey. For further information on sampling error, refer to the Technical Notes.
- Non-sampling errors are inaccuracies that 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 processing procedures.

SEASONAL FACTORS	8 The estimates are based on information collected in the survey month and, due to seasonal factors, may not be representative of other months of the year.
CHANGES IN CLASSIFICATIONS	9 From August 1996, occupation data are classified according to <i>ASCO — Australian Standard Classification of Occupations, Second Edition, 1997</i> (Cat. no. 1220.0).
COMPARABILITY OF TIME SERIES	<p>10 Supplementary surveys are not always conducted on the full LFS sample. Apart from the scope exclusions listed on the previous page, since August 1994 the sample for supplementary surveys has been restricted to no more than seven-eighths of the LFS sample. For this survey the sample was restricted to seven-eighths. This reduction in sample size means that the standard errors for this survey differ from those applicable to previous surveys.</p> <p>11 Since September 1994, underemployed workers who usually work part-time and were available to start work within four weeks have been asked whether they were also available to start work last week. This question was added to the survey so that estimates of underemployment could be more closely aligned with ILO recommendations on underemployment.</p>
COMPARABILITY WITH LABOUR FORCE SURVEY STATISTICS	<p>12 Estimates as at September 1998 of employed and unemployed persons, and those not in the labour force, also appear in the September 1998 issue of Cat. no. 6203.0. Estimates of the total number of underemployed workers may be derived from data published in Cat. no. 6203.0:</p> <ul style="list-style-type: none"> ■ part-time workers who preferred to work more hours; and ■ full-time workers who worked less than 35 hours for economic reasons, i.e. stood down, on short time or insufficient work. <p>13 Estimates of underemployed workers who usually work full-time or part-time from this survey are not comparable with those from the LFS (published in Cat. no. 6203.0). This is due to differences in stratification necessary in weighting procedures.</p>
COMPARABILITY WITH ILO DEFINITIONS	14 Comparability of the concepts and definitions used in the Underemployed Workers Survey are discussed in Conceptual Framework on page 3.
PREVIOUS SURVEYS	15 Underemployed Workers Survey was conducted in May 1985 and then in May 1988 and 1991. In 1994, the survey became an annual survey, collected in September. Results of previous surveys have been published in <i>Underemployed Workers, Australia</i> (Cat. no. 6265.0) and the standard data service <i>Underemployed Workers, Australia</i> (Cat. no. 6265.0.40.001) for 1994 and 1995.

ACKNOWLEDGMENT

16 ABS publications draw extensively on information provided freely by individuals, businesses, governments and other organisations. Their continued cooperation is very much appreciated: without it, the wide range of statistics published by the ABS would not be available. Information received by the ABS is treated in strict confidence as required by the *Census and Statistics Act 1905*.

RELATED PUBLICATIONS

17 Other publications which may be of interest include:

- *Job Search Experience of Unemployed Persons, Australia* (Cat. no. 6222.0)
- *Labour Force, Australia* (Cat. no. 6203.0)
- *Labour Force Experience, Australia* (Cat. no. 6206.0)
- *Labour Mobility, Australia* (Cat. no. 6209.0)
- *Persons Not in the Labour Force, Australia* (Cat. no. 6220.0)
- *Successful and Unsuccessful Job Search Experience, Australia* (Cat. no. 6245.0)
- *Working Arrangements, Australia* (Cat. no. 6342.0)

18 Current publications produced by the ABS are listed in the *Catalogue of Publications and Products* (Cat. no. 1101.0).

The ABS also issues on Tuesdays and Fridays, a *Release Advice* (Cat. no. 1105.0) which lists publications to be released in the next few days. The Catalogue and Release Advice are available from any ABS office or from the ABS Information Service on the World Wide Web, <http://www.abs.gov.au>

APPENDIX: POPULATIONS AND DATA ITEM LIST

The ABS has a range of unpublished data available from the Underemployed Workers Survey. This section lists the data items and populations which relate to the survey. More detailed breakdowns of some data items are available on request.

The population(s) for a particular data item refers to the person in the survey to whom the data item relates. Where alternative output categories are available for the same data item, these are shown and the data item name is followed by a bracketed numeral (e.g. BIRTHPLACE (2)).

To obtain unpublished data or more information about the customised data service contact Jon Havelock on Canberra 02 6252 7747, or by facsimile on 02 6252 7784.

POPULATION	1:	Persons aged 15 years and over.
POPULATION	2:	Employed persons.
POPULATION	3:	Fully employed persons.
POPULATION	4:	Employed persons who usually work part-time and want more hours.
POPULATION	5:	Employed persons who usually work part-time and want more hours who had been looking for work with more hours or were available to start such work last week.

DATA ITEM	POPULATIONS
1 STATE OR TERRITORY OF USUAL RESIDENCE	ALL
New South Wales	
Victoria	
Queensland	
South Australia	
Western Australia	
Tasmania	
Northern Territory	
Australian Capital Territory	
2 AREA OF USUAL RESIDENCE	ALL
State Capital City	
Balance of State/Territory	
3 REGION OF USUAL RESIDENCE	ALL
Standard labour force dissemination regions	
4 SEX	ALL
Male	
Female	
5 MARITAL STATUS	ALL
Married	
Not married	
6A RELATIONSHIP IN HOUSEHOLD (1)	ALL
Family member	
Husband or wife	
With dependants present	
Without dependants present	
Lone parent	
With dependants present	
Without dependants present	
Dependent student	
Non-dependent child	
Other family person	
Non-family member	
Lone person	
Not living alone	
Not determined	
6B RELATIONSHIP IN HOUSEHOLD (2)	ALL
Family member	
Husband or wife	
With children under 15	
Without children under 15	
Lone parent	
With children under 15	
With dependent students but without children under 15	
Without dependants present	
Dependent student	
Non-dependent child	
Other family person	
Non-family member	
Lone person	
Not living alone	
Not determined	

DATA ITEM	POPULATIONS
7A BIRTHPLACE AND PERIOD OF ARRIVAL	ALL
Born in Australia	
Born outside Australia	
Arrived before 1961	
Arrived 1961–70	
Arrived 1971–80	
Arrived 1981–90	
Arrived 1991 to survey date	
7B BIRTHPLACE (1)	ALL
Born in Australia	
Born outside Australia	
Born in main English-speaking countries	
Born in other countries	
7C BIRTHPLACE (2)	ALL
Born in Australia	
Born outside Australia	
The Middle East and North Africa	
Africa (excluding North Africa)	
Northern America	
South America, Central America and the Caribbean	
Northeast Asia	
Southeast Asia	
Southern Asia	
Europe and the former USSR	
Former Yugoslav Republics	
Germany	
Greece	
Italy	
Netherlands	
United Kingdom and Ireland	
Oceania and Antarctica	
New Zealand	
Note: Available at individual country level according to Australian Standard Classification of Countries for Social Statistics.	
8 AGE (YEARS)	ALL
15–19	
20–24	
25–34	
35–44	
45–54	
55–59	
60–64	
65 years and over	
9 FULLY EMPLOYED OR UNDEREMPLOYED WORK STATUS (1)	1–2
Employed persons	
Fully employed workers	
Full-time workers	
Part-time workers	
Usually work full-time but worked part-time	
Usually work part-time and want more hours	

DATA ITEM	POPULATIONS
9A USUALLY WORK PART-TIME AND WANT MORE HOURS (2)	1-2
Had been looking for work with more hours –	
Were available to start –	
Last week	
Not last week but within four weeks	
Were not available to start	
Had not been looking for work with more hours –	
Were available to start –	
Last week	
Not last week but within four weeks	
Were not available to start	
10 FULL-TIME AND PART-TIME WORKERS	2
Part-time workers	
Full-time workers	
11 WHETHER FULLY EMPLOYED OR WORKED PART-TIME AND WANT MORE HOURS	2
Fully employed	
Usually work part-time and want more hours	
12 STATUS IN EMPLOYMENT	2-5
Employee	
Employer	
Own account worker	
Contributing family worker	
13 NUMBER OF HOURS WORKED IN THE REFERENCE WEEK	2-5
1-5	
6-10	
11-15	
16-20	
21-29	
30-34	
35 hours or more	
14 TYPE OF INSUFFICIENT WORK	4
Part-time	
Full-time	
15 DURATION OF CURRENT PERIOD OF INSUFFICIENT WORK	4-5
1-3 weeks	
4-12 weeks	
13-51 weeks	
52 weeks and over	

DATA ITEM	POPULATIONS
16 EDUCATIONAL ATTAINMENT	4-5
With post-school qualifications	
Higher degree	
Post-graduate diploma	
Bachelor degree	
Diploma	
Vocational qualification	
Nursing level unknown	
Without post-school qualifications	
Completed highest level of secondary school	
Did not complete highest level of secondary school	
Left aged 13 years or less	
Left 14 years or less	
Left 15 years or less	
Left 16 years or less	
Left 17 years or less	
Left 18 years and over	
Never attended school	
Still at school	
17 WHETHER WOULD MOVE INTERSTATE IF OFFERED A SUITABLE JOB	4-5
Would move interstate	
Would not move interstate	
Might move interstate	
Don't know	
18 WHETHER WOULD MOVE INTRASTATE IF OFFERED A SUITABLE JOB	4-5
Would move intrastate	
Would not move intrastate	
Might move intrastate	
Don't know	
19 WHETHER WOULD PREFER TO CHANGE OCCUPATION TO WORK MORE HOURS	4-5
Would prefer to change occupation	
Would prefer not to change occupation	
No preference	
20 WHETHER WOULD PREFER TO CHANGE EMPLOYER TO WORK MORE HOURS	4-5
Would prefer to change employer	
Would prefer not to change employer	
No preference	
21 PART-TIME UNDEREMPLOYMENT STATUS	4
Had been looking for work with more hours –	
Were available to start –	
Last week	
Not last week but within four weeks	
Were not available to start	
Had not been looking for work with more hours –	
Were available to start –	
Last week	
Not last week but within four weeks	
Were not available to start	

DATA ITEM	POPULATIONS
22 ALL STEPS TAKEN TO FIND WORK IN THE LAST FOUR WEEKS	4-5
Registered with Centrelink	
Contacted prospective employers	
Checked Centrelink touchscreens	
Checked factory noticeboards	
Checked or registered with any other employment agency	
Looked in newspapers	
Searched internet sites	
Answered a newspaper advertisement for a job	
Advertised or tendered for work	
Contacted friends or relations	
Other steps	
Had not been looking for work with more hours	
23 WHETHER REGISTERED WITH CENTRELINK	4-5
Registered with Centrelink	
Not registered with Centrelink	
Had not been looking for work with more hours	
24 PREFERRED NUMBER OF EXTRA HOURS	4-5
Less than 10	
10-19	
20-29	
30 or more	

DATA ITEM	POPULATIONS
25 MAIN DIFFICULTY IN FINDING WORK	4
Had been looking for work with more hours	
Own ill health or disability	
Considered too young or too old by employers	
Unsuitable hours	
Too far to travel/transport problems	
Lacked necessary skills or education	
Language difficulties	
Insufficient work experience	
No vacancies in line of work	
Too many applicants for available jobs	
No vacancies at all	
Difficulties with ethnic background	
Difficulties with childcare	
Other family responsibilities	
Other difficulties	
No difficulties reported	
Had not been looking for work with more hours	
26 USUAL NUMBER OF HOURS WORKED	4
1-5	
6-10	
11-15	
16-20	
21-29	
30-34	
35 hours or more	
27 PREFERRED TOTAL NUMBER OF HOURS	4
Less than 30	
30-34	
35-39	
35-39	
40 and over	

TECHNICAL NOTES

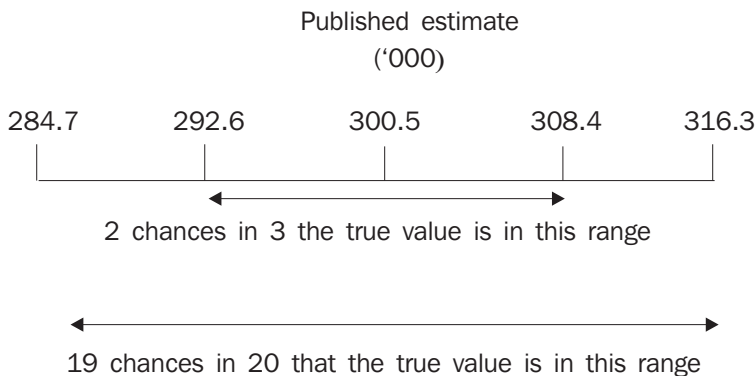
INTRODUCTION

1 Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings, they are subject to sampling variability. That is, they 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 (SE), 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 SE from the number that would have been obtained if all dwellings had been included, and about 19 chances in 20 that the difference will be less than two SEs. Another measure of the likely difference is the relative standard error (RSE), which is obtained by expressing the SE as a percentage of the estimate.

2 SEs for general application are given in table T1. Since they are averages based on calculations for a limited number of past surveys over a wide range of labour force characteristics, these numbers will not give a precise measure of the SE of a particular estimate but they will provide an indication of its magnitude.

CALCULATION OF
STANDARD ERROR

3 An example of the calculation and the use of SE in relation to estimates of persons is as follows. Table 7 shows the estimated total number of female workers who usually work part-time and want more hours was 300,500. Since this estimate is between 300,000 and 500,000 table T1 shows that the SE for Australia will lie between 7,850 and 9,650 and can be approximated by interpolation as 7,900 (rounded to the nearest 100). Therefore, there are about two chances in three that the value that would have been produced if all dwellings had been included in the survey will fall in the range 292,600 to 308,400 and about 19 chances in 20 that the value will fall within the range 284,700 to 316,300. This example is illustrated in the diagram below.



CALCULATION OF
STANDARD ERROR
continued

4 As can be seen from the SE table, the smaller the estimate, the higher is the RSE. Very small estimates are thus subject to such high SEs (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In these tables, only estimates with RSEs less than 25% are considered sufficiently reliable for most purposes. However, estimates with larger RSEs have been included and are preceded by an asterisk (e.g. *3.4) to indicate they are subject to high SEs and should be used with caution.

AVERAGES AND MEDIAN

5 The RSEs of estimates of *average duration of insufficient work*, *median duration of insufficient work* and *average preferred number of extra hours* are obtained by first finding the RSE of the estimate of the total number of persons contributing to the estimate (see table T1) and then multiplying the figure so obtained by the following relevant factors:

- average duration of insufficient work: 1.8;
- median duration of insufficient work: 1.7; and
- average preferred number of extra hours: 0.7.

6 The following is an example of the calculation of SEs where the use of a factor is required. Table 7 shows the estimated total number of male workers who usually work part-time and want more hours was 202,300 with a median duration of insufficient work of 25 weeks. The SE can be approximated by interpolation as 6,600 which is 3.3% as a RSE. The factor of 1.7 (see paragraph 5) is applied to the RSE of 3.3% to obtain 5.6%. Therefore the SE for the median duration of insufficient work is 5.6% of 25 weeks, i.e. about 1 (rounded to the nearest whole week). So there are two chances in three that the median duration of insufficient work is between 24 and 26 weeks, and about 19 chances in 20 that it is between 23 and 27 weeks.

PROPORTIONS AND
PERCENTAGES

7 Proportions and percentages formed from the ratio of two estimates are also subject to sampling errors. The size of the error depends on the accuracy of both the numerator and the denominator. A formula to approximate the RSE of a proportion is given below:

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

Considering the example from paragraph 3, table 7 shows that of the 300,500 female underemployed workers, 109,700 or 36.5% had had insufficient work for more than a year. The SE of 109,700 is approximately 5,100 so the RSE is 4.6%. The RSE for 300,500 is 2.6%. Applying the above formula, the RSE of the proportion is $\sqrt{(4.6)^2 + (2.6)^2}$ or 5.2%, giving a SE for the proportion (36.5%) of 1.9 percentage points. Therefore, there are about two chances in three that the proportion of underemployed part-time females who had had insufficient work for more than a year is between 34.6% and 38.4% and 19 chances in 20 that the proportion is within the range 32.7% to 40.3%.

8 Published estimates may also be used to calculate the difference between two survey estimates (of numbers or percentages). Such an estimate is subject to sampling error. The sampling error of the difference between two estimates depends on their SEs and the relationship (correlation) between them. An approximate SE of the difference between two estimates (x-y) may be calculated by the following formula:

$$SE(x-y) = \sqrt{[SE(x)]^2 + [SE(y)]^2}$$

While this formula will only be exact for differences between separate and uncorrelated characteristics or subpopulations, it is expected to provide a good approximation for all differences likely to be of interest in this publication.

9 The imprecision due to sampling variability, which is measured by the SE, should not be confused with inaccuracies that may occur because of imperfections in reporting by interviewers and respondents, and errors made in coding and processing data. Inaccuracies of this kind are referred to as the non-sampling error, and they may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers, and efficient operating procedures.

10 SEs contained in table T1 are applicable to all estimates from this survey. The levels at which averages and medians have a RSE of 25% are shown in table T2.

T1 STANDARD ERRORS OF ESTIMATES

Size of estimate (Persons)	NSW no.	Vic. no.	Qld no.	SA no.	WA no.	Tas. no.	NT no.	ACT no.	Aust.	
									SE no.	RSE %
100	..	..	..	130	..	90	130	90	..	..
200	..	..	230	190	210	140	170	120	200	100.0
300	340	310	280	240	260	170	210	150	260	86.7
500	450	410	360	310	340	220	260	190	340	68.0
700	530	480	430	360	400	260	310	220	420	60.0
1 000	630	580	520	430	470	310	360	260	510	51.0
1 500	770	710	630	520	570	370	430	310	630	42.0
2 000	890	820	720	600	650	420	490	350	740	37.0
2 500	1 000	900	800	650	700	450	550	400	850	34.0
3 000	1 100	1 000	900	700	800	500	600	400	900	30.0
3 500	1 150	1 100	950	750	850	550	650	450	1 000	28.6
4 000	1 250	1 150	1 000	800	900	550	650	450	1 050	26.3
5 000	1 400	1 300	1 100	900	1 000	600	750	500	1 200	24.0
7 000	1 600	1 500	1 300	1 050	1 150	700	850	600	1 400	20.0
10 000	1 900	1 750	1 500	1 250	1 350	800	1 050	700	1 700	17.0
15 000	2 250	2 100	1 800	1 450	1 600	950	1 250	800	2 050	13.7
20 000	2 600	2 400	2 050	1 650	1 800	1 000	1 400	900	2 350	11.8
30 000	3 050	2 850	2 450	1 950	2 100	1 150	1 700	1 050	2 850	9.5
40 000	3 450	3 250	2 750	2 200	2 350	1 250	1 950	1 200	3 250	8.1
50 000	3 800	3 550	3 050	2 400	2 600	1 350	2 200	1 300	3 600	7.2
100 000	5 050	4 700	4 050	3 100	3 400	1 650	3 000	1 650	4 900	4.9
150 000	5 950	5 550	4 750	3 650	4 000	1 800	3 650	1 900	5 850	3.9
200 000	6 650	6 200	5 300	4 050	4 450	1 950	4 200	2 100	6 600	3.3
300 000	7 750	7 200	6 150	4 650	5 200	2 100	..	2 400	7 850	2.6
500 000	9 400	8 700	7 450	5 550	6 250	2 350	..	..	9 650	1.9
1 000 000	12 050	11 100	9 550	7 050	7 950	..	..	..	12 600	1.3
2 000 000	15 300	14 050	12 150	8 800	10 050	..	..	..	16 300	0.8
5 000 000	20 600	18 800	16 400	..	..	..	..	..	22 500	0.5
10 000 000	..	..	..	..	..	..	..	..	28 300	0.3

T2 LEVELS AT WHICH ESTIMATES HAVE A RELATIVE STANDARD ERROR OF 25%

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Average duration of insufficient work	14 200	16 000	8 200	6 000	7 100	3 900	8 000	1 800	14 200
Median duration of insufficient work	16 500	14 500	11 100	7 600	8 700	3 900	5 400	2 900	13 700
Average preferred number of extra hours	2 400	2 700	2 200	1 200	2 300	800	5 000	400	2 000
All other estimates	6 000	5 200	4 000	2 800	3 200	1 500	1 900	1 100	4 500

GLOSSARY

Average duration of insufficient work	The average duration of insufficient work is obtained by dividing the aggregate number of weeks a group has had insufficient work by the number of persons in that group.
Average preferred number of extra hours	The average preferred number of extra hours is obtained by dividing the total preferred number of extra hours reported by a group by the number of persons in that group.
Centrelink	A statutory authority responsible for delivering a range of Commonwealth government services, including registering persons for assistance in finding work and providing referrals to job placement agencies.
Duration of insufficient work	The duration of insufficient work is the length of time underemployed workers have been working less than 35 hours a week. As periods of insufficient work are recorded in full weeks this results in a slight understatement of duration.
Employed persons	<p>Employed persons are all persons aged 15 years and over who, during the reference period:</p> <ul style="list-style-type: none">■ worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (comprising employees, employers and own account workers); or■ worked for one hour or more without pay in a family business or on a farm (i.e. contributing family workers); or■ were employees who had a job but were not at work and were on paid leave, on leave without pay for less than four weeks up to the end of the reference week, stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the reference week, on strike or locked out, on workers compensation and expected to be returning to their job, or receiving wages or salary while undertaking full-time study; or■ were employers, own account workers or contributing family workers who had a job, business or farm, but were not at work.
Full-time workers	Full-time workers are employed persons who worked 35 hours or more during the reference week.

Fully employed workers	<p>Fully employed persons are employed persons who:</p> <ul style="list-style-type: none"> ■ worked part-time hours in the reference week and did not prefer to work more hours; or ■ usually work part-time and prefer to work more hours, but worked full-time hours in the reference week; or ■ usually work full-time and worked full-time hours in the reference week; or ■ usually work full-time, but did not work full-time hours in the reference week for non-economic reasons.
Looking for work with more hours	Looking for work with more hours at some time during the four weeks up to the end of the reference week.
Main English-speaking countries	The main English-speaking countries are the United Kingdom, Ireland, Canada, South Africa, the United States of America and New Zealand.
Median duration of insufficient work	The median duration of insufficient work is obtained by dividing underemployed workers into two equal groups, one comprising persons whose duration of insufficient work is above the median and the other, persons whose duration is below it.
Part-time workers	Employed persons who usually work less than 35 hours a week and who did so during the reference week.
Preferred number of extra hours	The number of extra hours a week an underemployed worker would have preferred to work.
Relationship in household	<p>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:</p> <ul style="list-style-type: none"> ■ 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.
Status in employment	Employed persons classified by whether they were employees, employers, own account workers, or contributing family workers.

Underemployment Underemployment covers a range of employment situations which are characterised, at their broad level where a worker:

- worked part-time hours in the reference week and preferred to work more hours; or
- usually works full-time, but did not work full-time hours in the reference week for economic reasons.

Usual number of hours The number of hours usually worked in a week.

SUPPLEMENTARY SURVEYS

Supplementary and special supplementary surveys collect data on particular aspects of the labour force. The following is an historical list of supplementary and special labour force surveys. Data are available in publication form, by subscription or on request. It may be possible to order unpublished data from these surveys by contacting the ABS.

TITLE	CATALOGUE NUMBER
■ Career Experience. Irregular. Latest issue November 1996	6254.0
■ Career Paths of Persons with Trade Qualifications. Final issue 1993 (Discontinued)	6243.0
■ Child Care. Irregular. Latest issue March 1996	4402.0
■ Education and Training Experience. Irregular. Latest issue 1997	6278.0
■ Employee Earnings, Benefits and Trade Union Membership. Annual. Latest issue August 1998	6310.0
■ Employment Benefits. Final issue August 1994 (Discontinued)	6334.0.40.001
■ Job Search Experience of Unemployed Persons. Annual. Latest issue July 1998	6222.0
■ Labour Force Experience. Two-yearly. Latest issue February 1997	6206.0
■ Labour Force Status and Educational Attainment. Final issue February 1994 (Discontinued)	6235.0
■ Labour Force Status and Other Characteristics of Families. Annual. Latest issue June 1998	6224.0
■ Labour Force Status and Other Characteristics of Migrants. Irregular. Latest issue November 1996	6250.0
■ Labour Mobility. Two-yearly. Latest issue February 1998	6209.0
■ Multiple Jobholding. Irregular. Latest issue August 1997	6216.0
■ Participation in Education. Annual. Latest issue September 1997	6272.0
■ Persons Employed at Home. Irregular. Latest issue September 1995	6275.0
■ Persons Not in the Labour Force. Annual. Latest issue September 1998	6220.0
■ Persons Who had Re-entered the Labour Force. Final issue July 1995 (Discontinued)	6264.0.40.001
■ Persons Who Have Left the Labour Force. Final issue September 1994 (Discontinued)	6267.0.40.001
■ Retirement and Retirement Intentions. Irregular. Latest issue November 1997	6238.0
■ Retrenchment and Redundancy. Irregular. Latest issue July 1997	6266.0
■ Successful and Unsuccessful Job Search Experience. Two-yearly. Latest issue July 1998	6245.0
■ Superannuation. Irregular. Latest issue November 1995	6319.0
■ Trade Union Members. Two-yearly. August 1996 (Discontinued)	6325.0
■ Transition from Education to Work. Annual. Latest issue May 1998	6227.0
■ Underemployed Workers. Annual. Latest issue September 1998	6265.0
■ Working Arrangements. Irregular. Latest issue August 1997	6342.0

FORTHCOMING SUPPLEMENTARY SURVEYS

Topic	Reference month	Expected to be released
Career Experience	November 1998	June 1999
Labour Force Experience	February 1999	August 1999
Job Search Experience of Unemployed Persons	July 1999	December 1999

INQUIRIES

Central office: 02 6252 6504

Regional offices:

SYDNEY	02 9268 4212	ADELAIDE	08 8237 7365
MELBOURNE	03 9615 7677	HOBART	03 6222 5841
BRISBANE	07 3222 6068	DARWIN	08 8943 2150
PERTH	08 9360 5943	CANBERRA	02 6207 0283

WE'VE GOT THE ANSWERS ... WE JUST CAN'T FIT THEM ALL INTO THIS PUBLICATION!

Is there more information you would like about this topic or other supplementary survey topics?

The good news is that the information is available. In fact, we have volumes of detailed information that cannot be placed into the publications but can be provided to you.

MEETING YOUR NEEDS WITH A CUSTOMISED APPROACH

Detailed information from every supplementary survey is available — that's where we can help. Contact one of our consultants to discuss your needs. They will provide you with the best possible option to solve your data requests in a written quote, clearly setting out all the costs and time frames.

We can supply you with your requested information in a variety of formats to best suit your needs:

- printed tables
- spreadsheets in a range of formats compatible with your software package
- via email
- floppy disk

TAILORED TO YOUR SPECIFICATIONS

We can mix and match from our extensive data holdings to give a complete statistical picture for your policy, planning, research and commercial analysis needs.

Take a look at the list of populations and data items in the previous pages. This contains a comprehensive list of the variables available that you may be interested in for this supplementary survey. These data items can be cross-classified for your exact requirements, offering you the best cost effective solution. The cost will depend on what you have selected and their degree of detail. Payment for this information may be made by credit card or by invoice.

MORE INFORMATION IS AVAILABLE

Contact Jon Havelock on Canberra 02 6252 7747 to talk about any inquiries you may have about the information from this survey or to order your special data requirements.

For information about a wider range of ABS data, see contact details on the back of the cover.