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## THE LABOUR FORCE, AUSTRALIA, SEPTEMBER 1990, PRELIMINARY

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Note: Care should be taken in the interpretation of month-to-month movements in the original and seasonally adjusted data. See paragraphs 13 to 17 of the Explanatory Notes.

### MAIN FEATURES

The September 1990 seasonally adjusted estimate of employed persons was 7,878,900, a fall of 14,300 since

August 1990. Male employment was virtually unchanged and stood at 4,624,600. Female employment decreased by 13,000 to 3,254,200, with falls of 7,100 in full-time employment and 5,900 in part-time employment.

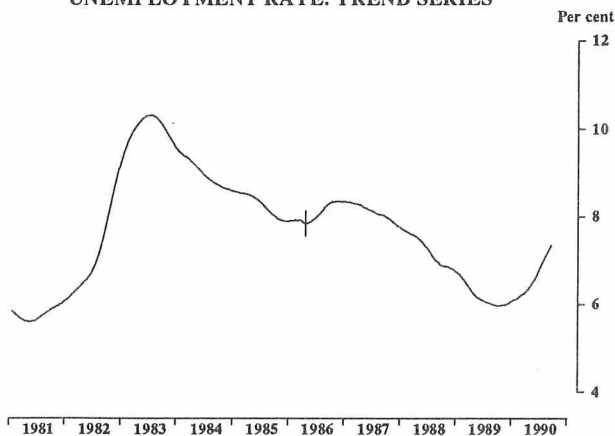
EMPLOYED PERSONS: TREND SERIES



Trend estimates for females employed full time continue to increase, although at a decreasing rate (see graphs on page 2). For male employment and female part-time employment, trend estimates seem to have reached a plateau.

The seasonally adjusted estimate of **unemployed persons** in September 1990 was 633,600, a rise of 13,900 since August 1990. Male unemployment rose by 15,400 to 363,800, while female unemployment fell slightly to 269,800.

UNEMPLOYMENT RATE: TREND SERIES



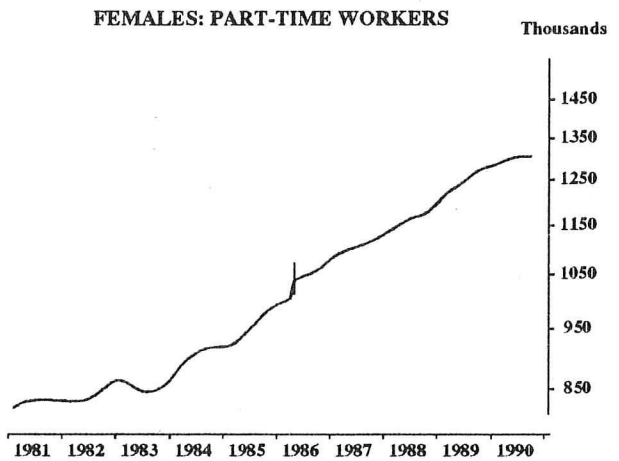
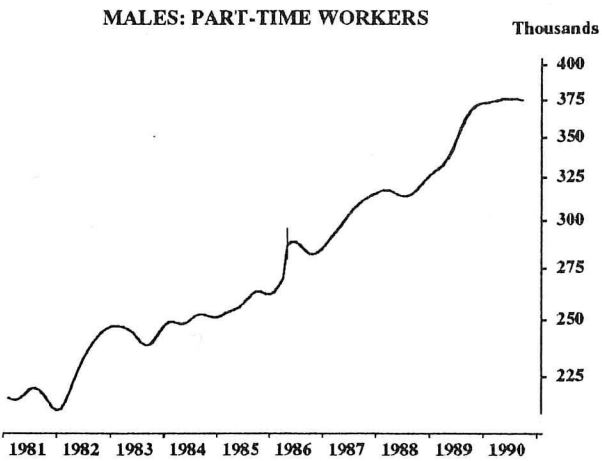
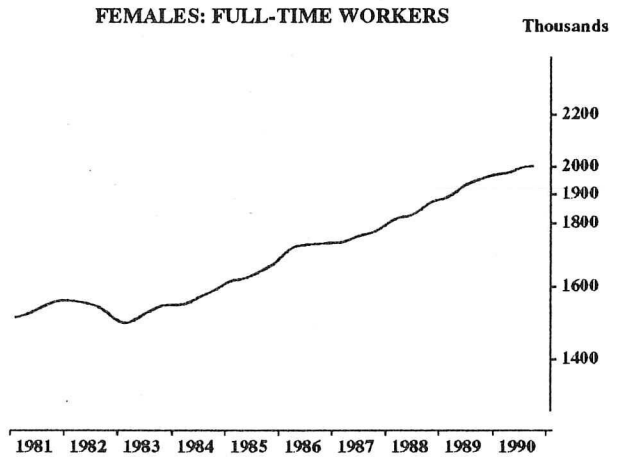
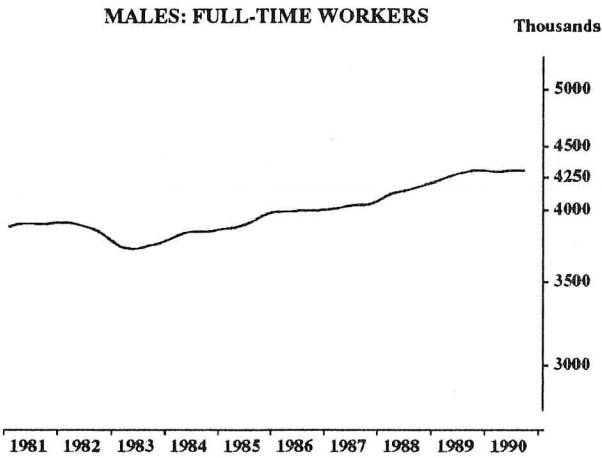
The seasonally adjusted estimate of the **unemployment rate** for September 1990 was 7.4%, a rise of 0.2 percentage points since August 1990. The unemployment rate for males rose by 0.3 percentage points to 7.3%, while for females it was steady at 7.7%. Trend estimates of the unemployment rate for both males and females have shown growth in recent months (see graphs on page 3).

The September 1990 seasonally adjusted estimates of the unemployment rate for the States were: New South Wales 6.8%, Victoria 7.0%, Queensland 8.3%, South Australia 8.2%, Western Australia 8.7%, and Tasmania 9.5%.

The seasonally adjusted estimate of the **labour force participation rate** for September 1990 was 63.9%, a fall of 0.1 percentage points since August 1990. The male participation rate rose by 0.1 percentage points to 75.9% and the female participation rate fell by 0.3 percentage points to 52.3%.

**EMPLOYED PERSONS: TREND SERIES**

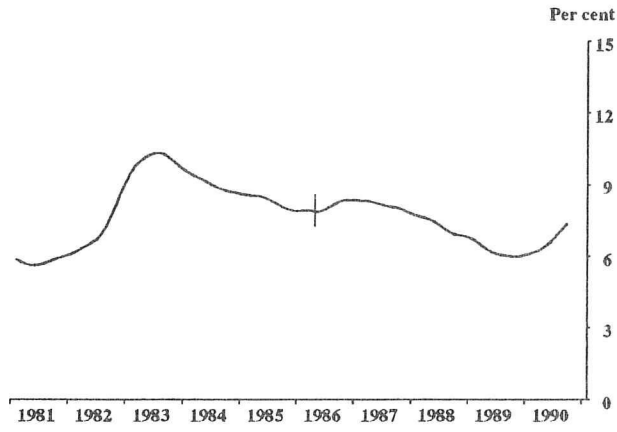
The graphs on this page have been drawn to a semi-logarithmic scale to enable comparisons to be made of rates of change — See paragraph 18 of the Explanatory Notes.



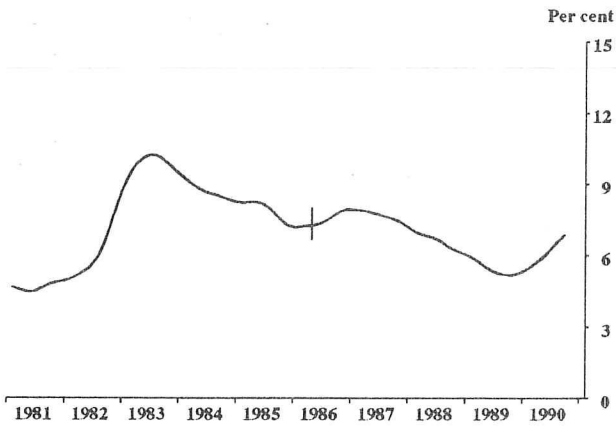
Indicates break in series - see paragraph 6 of the Explanatory Notes.

UNEMPLOYMENT RATE: TREND SERIES

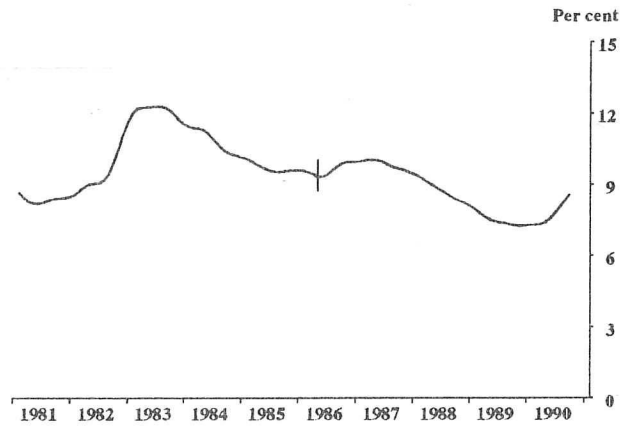
PERSONS



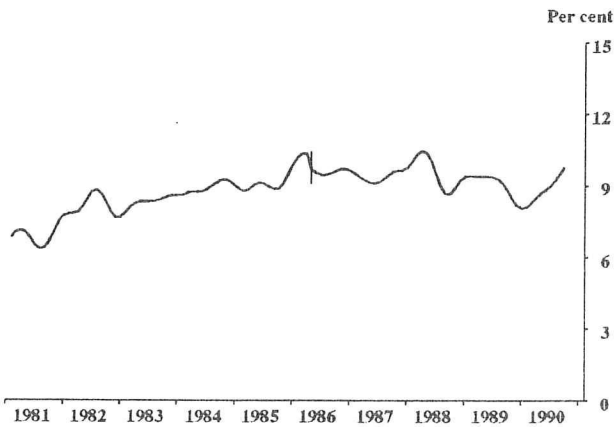
MALES: LOOKING FOR FULL-TIME WORK



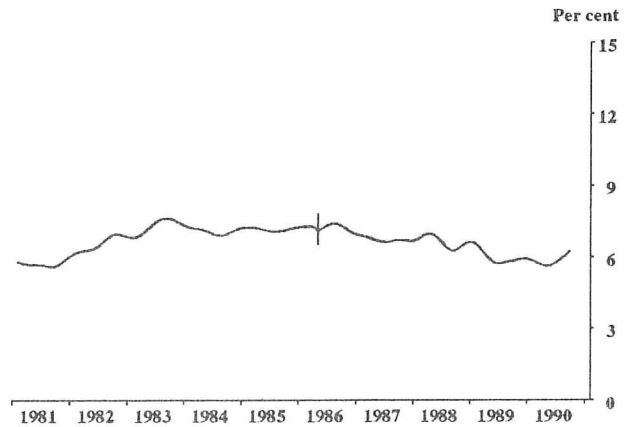
FEMALES: LOOKING FOR FULL-TIME WORK



MALES: LOOKING FOR PART-TIME WORK



FEMALES: LOOKING FOR PART-TIME WORK



Indicates break in series - see paragraph 6 of the Explanatory Notes.

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	Total	Looking for full-time work		Looking for part-time work						
			Aged 15-19 looking for first job	Total							
											Total
MALES											
1989 —											
July	4,249.4	4,594.9	12.6	231.1	33.6	264.8	4,859.7	1,581.9	6,441.6	5.4	75.4
August	4,217.5	4,571.9	13.5	230.7	30.0	260.7	4,832.6	1,619.7	6,452.3	5.4	74.9
September	4,250.3	4,628.4	13.7	238.2	36.5	274.7	4,903.1	1,559.9	6,463.0	5.6	75.9
October	4,264.2	4,628.3	15.0	211.0	32.2	243.2	4,871.5	1,599.8	6,471.3	5.0	75.3
November	4,263.0	4,637.7	12.9	214.0	26.7	240.7	4,878.4	1,601.1	6,479.5	4.9	75.3
December	4,299.4	4,672.6	23.5	246.1	31.8	277.9	4,950.5	1,537.3	6,487.8	5.6	76.3
1990 —											
January	4,237.3	4,586.1	30.4	274.0	37.1	311.1	4,897.2	1,599.0	6,496.2	6.4	75.4
February	4,259.6	4,609.6	20.5	274.1	37.6	311.8	4,921.3	1,583.3	6,504.6	6.3	75.7
March	4,247.0	4,623.8	16.8	256.0	42.7	298.7	4,922.4	1,590.6	6,513.0	6.1	75.6
April	4,251.1	4,634.7	14.7	258.7	38.6	297.3	4,932.0	1,591.0	6,523.0	6.0	75.6
May	4,255.0	4,638.7	15.0	274.9	36.1	311.0	4,949.8	1,583.3	6,533.1	6.3	75.8
June	4,265.5	4,639.2	14.3	269.5	29.3	298.7	4,938.0	1,605.2	6,543.2	6.0	75.5
July	4,279.6	4,648.2	13.5	292.8	34.3	327.1	4,975.4	1,577.6	6,553.0	6.6	75.9
August	4,218.5	4,583.8	16.5	305.1	32.8	338.0	4,921.8	1,641.0	6,562.8	6.9	75.0
September	4,259.1	4,638.2	13.7	320.3	43.0	363.3	5,001.5	1,571.2	6,572.7	7.3	76.1
Standard error of —											
September 1990 estimates	18.7	19.2	1.7	7.1	3.0	7.4	19.7	13.1	..	0.1	0.3
Aug 90 to Sep 90 movements	14.2	14.7	1.8	5.4	2.5	5.7	15.1	10.0	..	0.1	0.2
FEMALES											
1989 —											
July	1,922.8	3,156.9	15.2	149.5	69.1	218.6	3,375.5	3,238.4	6,613.9	6.5	51.0
August	1,891.5	3,155.7	14.8	139.4	69.3	208.7	3,364.4	3,258.7	6,623.1	6.2	50.8
September	1,930.8	3,226.0	14.1	144.2	82.3	226.6	3,452.6	3,179.9	6,632.5	6.6	52.1
October	1,930.2	3,189.5	14.7	136.7	77.4	214.1	3,403.7	3,237.5	6,641.1	6.3	51.3
November	1,951.4	3,233.0	12.7	136.3	69.7	206.0	3,439.1	3,210.7	6,649.7	6.0	51.7
December	1,996.5	3,268.9	26.4	153.0	71.0	224.0	3,492.9	3,165.4	6,658.4	6.4	52.5
1990 —											
January	1,955.9	3,126.5	28.4	173.1	66.2	239.3	3,365.8	3,301.1	6,666.9	7.1	50.5
February	1,955.4	3,199.5	22.6	186.0	95.9	282.0	3,481.5	3,193.8	6,675.3	8.1	52.2
March	1,962.6	3,253.7	16.0	158.1	92.2	250.2	3,503.9	3,179.9	6,683.8	7.1	52.4
April	1,948.3	3,259.6	14.8	157.2	79.6	236.9	3,496.4	3,197.2	6,693.6	6.8	52.2
May	1,965.7	3,277.3	15.6	156.4	83.0	239.4	3,516.8	3,186.6	6,703.4	6.8	52.5
June	1,950.9	3,270.8	16.2	167.7	75.3	243.0	3,513.8	3,199.4	6,713.2	6.9	52.3
July	1,993.5	3,284.7	17.0	167.7	74.5	242.2	3,526.9	3,196.4	6,723.3	6.9	52.5
August	1,941.3	3,241.2	17.3	173.2	76.3	249.5	3,490.7	3,242.7	6,733.4	7.1	51.8
September	1,972.2	3,287.3	19.5	173.1	91.2	264.4	3,551.7	3,191.9	6,743.5	7.4	52.7
Standard error of —											
September 1990 estimates	14.2	17.1	2.0	5.5	4.1	6.5	17.5	16.9	..	0.2	0.3
Aug 90 to Sep 90 movements	10.7	12.9	1.9	4.3	3.4	5.0	13.3	12.8	..	0.1	0.2
PERSONS											
1989 —											
July	6,172.2	7,751.8	27.8	380.6	102.7	483.4	8,235.1	4,820.4	13,055.5	5.9	63.1
August	6,108.9	7,727.6	28.3	370.1	99.3	469.4	8,197.0	4,878.5	13,075.4	5.7	62.7
September	6,181.1	7,854.4	27.8	382.5	118.8	501.3	8,355.7	4,739.8	13,095.5	6.0	63.8
October	6,194.4	7,817.8	29.7	347.7	109.6	457.4	8,275.1	4,837.2	13,112.4	5.5	63.1
November	6,214.4	7,870.7	25.6	350.3	96.4	446.7	8,317.5	4,811.8	13,129.3	5.4	63.4
December	6,295.9	7,941.6	49.9	399.1	102.8	501.9	8,443.5	4,702.7	13,146.1	5.9	64.2
1990 —											
January	6,193.3	7,712.6	58.8	447.0	103.4	550.4	8,263.0	4,900.0	13,163.1	6.7	62.8
February	6,215.1	7,809.1	43.2	460.2	133.6	593.7	8,402.8	4,777.1	13,179.9	7.1	63.8
March	6,209.5	7,877.5	32.8	414.1	134.8	548.9	8,426.4	4,770.4	13,196.8	6.5	63.9
April	6,199.4	7,894.3	29.5	415.9	118.3	534.2	8,428.5	4,788.2	13,216.6	6.3	63.8
May	6,220.7	7,916.1	30.6	431.3	119.1	550.5	8,466.5	4,769.9	13,236.5	6.5	64.0
June	6,216.4	7,910.0	30.5	437.2	104.6	541.8	8,451.8	4,804.6	13,256.4	6.4	63.8
July	6,273.1	7,932.9	30.5	460.5	108.9	569.3	8,502.3	4,774.1	13,276.3	6.7	64.0
August	6,159.8	7,825.0	33.8	478.3	109.1	587.4	8,412.5	4,883.7	13,296.2	7.0	63.3
September	6,231.3	7,925.5	33.2	493.4	134.3	627.7	8,553.2	4,763.1	13,316.2	7.3	64.2
Standard error of —											
September 1990 estimates	21.2	23.0	2.6	8.4	4.9	9.2	23.6	19.4	..	0.1	0.2
Aug 90 to Sep 90 movements	16.4	17.9	2.3	6.3	3.9	6.9	18.5	15.0	..	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	Total	Looking for full-time work		Looking for part-time work	Total			
			Aged 15-19 looking for first job	Total					
- '000 -									
MALES									
1989 —									
July	4,237.6	4,591.1	15.2	235.4	37.8	273.2	4,864.2	5.6	75.5
August	4,255.7	4,614.6	16.8	234.9	34.1	268.9	4,883.5	5.5	75.7
September	4,247.7	4,615.2	16.0	238.3	37.3	275.6	4,890.8	5.6	75.7
October	4,260.8	4,629.5	18.8	223.9	35.0	258.9	4,888.5	5.3	75.5
November	4,273.6	4,638.5	16.1	232.3	33.2	265.4	4,903.9	5.4	75.7
December	4,257.3	4,625.4	15.7	243.4	26.8	270.2	4,895.6	5.5	75.5
1990 —									
January	4,263.8	4,632.8	18.9	246.6	33.2	279.8	4,912.6	5.7	75.6
February	4,244.8	4,620.2	15.3	253.9	33.9	287.8	4,908.1	5.9	75.5
March	4,233.0	4,597.4	17.3	251.2	36.4	287.6	4,885.0	5.9	75.0
April	4,249.9	4,620.7	16.9	266.9	36.3	303.2	4,923.9	6.2	75.5
May	4,265.1	4,643.0	16.8	275.6	35.8	311.4	4,954.4	6.3	75.8
June	4,271.1	4,638.0	19.4	276.1	33.6	309.7	4,947.7	6.3	75.6
July	4,267.4	4,644.7	16.3	298.4	38.4	336.8	4,981.5	6.8	76.0
August	4,256.0	4,625.9	20.6	310.9	37.4	348.4	4,974.3	7.0	75.8
September	4,256.6	4,624.6	16.1	319.8	44.0	363.8	4,988.4	7.3	75.9
FEMALES									
1989 —									
July	1,925.5	3,163.1	19.3	156.6	73.8	230.4	3,393.5	6.8	51.3
August	1,925.9	3,181.8	18.2	149.1	78.2	227.3	3,409.2	6.7	51.5
September	1,928.2	3,194.4	17.6	152.7	77.8	230.5	3,424.9	6.7	51.6
October	1,927.3	3,187.7	18.7	150.8	81.5	232.3	3,420.0	6.8	51.5
November	1,949.3	3,211.3	17.2	151.5	78.6	230.1	3,441.4	6.7	51.8
December	1,958.9	3,225.0	18.2	148.6	75.7	224.3	3,449.3	6.5	51.8
1990 —									
January	1,950.5	3,229.8	18.2	154.6	79.9	234.6	3,464.4	6.8	52.0
February	1,953.5	3,235.0	17.1	166.8	87.4	254.2	3,489.2	7.3	52.3
March	1,951.1	3,219.5	14.8	148.6	73.8	222.4	3,441.9	6.5	51.5
April	1,946.7	3,240.3	15.9	150.6	66.6	217.2	3,457.5	6.3	51.7
May	1,972.8	3,260.2	18.4	154.6	80.2	234.7	3,494.9	6.7	52.1
June	1,971.7	3,268.1	18.6	172.7	79.9	252.6	3,520.8	7.2	52.4
July	1,996.4	3,292.1	21.5	175.6	79.7	255.3	3,547.5	7.2	52.8
August	1,976.4	3,267.2	21.2	185.2	86.1	271.3	3,538.5	7.7	52.6
September	1,969.3	3,254.2	24.3	183.5	86.2	269.8	3,524.0	7.7	52.3
PERSONS									
1989 —									
July	6,163.1	7,754.2	34.4	392.0	111.6	503.6	8,257.7	6.1	63.3
August	6,181.6	7,796.4	35.0	384.0	112.3	496.3	8,292.7	6.0	63.4
September	6,175.8	7,809.6	33.6	390.9	115.1	506.0	8,315.6	6.1	63.5
October	6,188.1	7,817.2	37.5	374.8	116.5	491.3	8,308.5	5.9	63.4
November	6,222.9	7,849.8	33.2	383.7	111.8	495.5	8,345.3	5.9	63.6
December	6,216.2	7,850.4	33.8	392.0	102.5	494.5	8,344.9	5.9	63.5
1990 —									
January	6,214.4	7,862.6	37.1	401.2	113.1	514.4	8,376.9	6.1	63.6
February	6,198.4	7,855.3	32.5	420.7	121.3	542.0	8,397.3	6.5	63.7
March	6,184.1	7,816.9	32.1	399.8	110.2	510.0	8,326.9	6.1	63.1
April	6,196.6	7,861.0	32.8	417.5	102.9	520.4	8,381.4	6.2	63.4
May	6,237.9	7,903.1	35.1	430.1	116.0	546.1	8,449.3	6.5	63.8
June	6,242.7	7,906.1	38.1	448.8	113.6	562.4	8,468.5	6.6	63.9
July	6,263.8	7,936.8	37.8	474.0	118.1	592.1	8,529.0	6.9	64.2
August	6,232.4	7,893.1	41.8	496.1	123.5	619.7	8,512.8	7.3	64.0
September	6,225.8	7,878.9	40.4	503.3	130.3	633.6	8,512.4	7.4	63.9

TABLE 3. CIVILIAN LABOUR FORCE: TREND SERIES

Month	Employed		Unemployed				Labour force	Unemployment rate - per cent -	Participation rate
	Full-time workers	Total	Looking for full-time work		Looking for part-time work	Total			
			Aged 15-19 looking for first job	Total					
	-'000 -								
MALES									
1989 —									
July	4,242.8	4,595.0	15.9	234.8	36.0	270.7	4,865.7	5.6	75.5
August	4,250.0	4,608.7	16.3	232.8	35.8	268.6	4,877.3	5.5	75.6
September	4,256.3	4,619.9	16.6	232.2	35.0	267.2	4,887.1	5.5	75.6
October	4,260.6	4,627.3	16.8	233.0	33.7	266.7	4,894.1	5.5	75.6
November	4,261.8	4,630.2	16.9	235.3	32.7	268.0	4,898.3	5.5	75.6
December	4,259.2	4,628.4	16.9	239.4	32.3	271.7	4,900.1	5.5	75.5
1990 —									
January	4,254.6	4,624.1	16.8	244.6	32.5	277.1	4,901.2	5.7	75.4
February	4,251.0	4,621.0	16.8	250.6	33.4	284.0	4,905.0	5.8	75.4
March r	4,250.3	4,621.1	16.9	257.2	34.3	291.5	4,912.7	5.9	75.4
April r	4,252.7	4,624.4	17.2	264.9	35.2	300.2	4,924.5	6.1	75.5
May r	4,257.2	4,629.2	17.5	274.1	36.0	310.1	4,939.3	6.3	75.6
June r	4,261.1	4,633.2	17.8	284.8	36.6	321.4	4,954.6	6.5	75.7
July r	4,263.1	4,635.0	18.0	295.7	37.7	333.4	4,968.4	6.7	75.8
August r	4,263.8	4,635.1	18.1	306.0	38.9	344.9	4,980.0	6.9	75.9
September	4,263.4	4,634.5	18.0	315.0	40.1	355.2	4,989.7	7.1	75.9
FEMALES									
1989 —									
July	1,921.5	3,163.8	18.8	152.6	75.6	228.2	3,392.0	6.7	51.3
August	1,927.6	3,178.1	18.5	152.1	76.8	228.9	3,407.0	6.7	51.4
September	1,932.9	3,190.4	18.3	151.5	77.8	229.3	3,419.7	6.7	51.6
October	1,938.4	3,201.0	18.1	151.3	78.9	230.2	3,431.3	6.7	51.7
November	1,943.7	3,210.4	17.9	152.0	79.7	231.7	3,442.1	6.7	51.8
December	1,948.1	3,218.1	17.5	152.9	79.7	232.6	3,450.7	6.7	51.8
1990 —									
January	1,950.8	3,223.9	17.1	153.3	78.9	232.2	3,456.1	6.7	51.8
February	1,952.7	3,229.9	16.7	153.6	77.7	231.3	3,461.2	6.7	51.9
March r	1,955.7	3,237.7	16.5	154.4	76.7	231.1	3,468.8	6.7	51.9
April r	1,960.4	3,246.7	16.9	157.0	76.3	233.4	3,480.1	6.7	52.0
May r	1,966.6	3,256.0	17.8	161.5	77.1	238.5	3,494.6	6.8	52.1
June r	1,972.9	3,264.3	19.1	167.4	78.8	246.1	3,510.4	7.0	52.3
July r	1,977.5	3,269.9	20.5	173.9	81.1	254.9	3,524.8	7.2	52.4
August r	1,980.2	3,272.7	21.9	179.8	83.4	263.2	3,535.8	7.4	52.5
September	1,981.7	3,273.8	23.2	185.7	86.1	271.7	3,545.5	7.7	52.6
PERSONS									
1989 —									
July	6,164.3	7,758.8	34.7	387.4	111.6	499.0	8,257.8	6.0	63.3
August	6,177.6	7,786.8	34.8	384.9	112.6	497.5	8,284.3	6.0	63.4
September	6,189.2	7,810.3	34.9	383.7	112.7	496.5	8,306.7	6.0	63.4
October	6,199.0	7,828.3	34.9	384.3	112.6	497.0	8,325.3	6.0	63.5
November	6,205.5	7,840.6	34.8	387.4	112.4	499.8	8,340.4	6.0	63.5
December	6,207.3	7,846.5	34.4	392.3	112.0	504.2	8,350.8	6.0	63.5
1990 —									
January	6,205.4	7,848.0	33.9	397.9	111.5	509.4	8,357.4	6.1	63.5
February	6,203.8	7,850.9	33.5	404.1	111.1	515.2	8,366.2	6.2	63.5
March r	6,206.0	7,858.9	33.4	411.6	111.0	522.6	8,381.5	6.2	63.5
April r	6,213.1	7,871.1	34.1	421.9	111.6	533.5	8,404.6	6.3	63.6
May r	6,223.8	7,885.3	35.3	435.6	113.0	548.6	8,433.9	6.5	63.7
June r	6,233.9	7,897.5	36.9	452.1	115.4	567.5	8,465.0	6.7	63.9
July r	6,240.6	7,904.9	38.5	469.6	118.7	588.3	8,493.2	6.9	64.0
August r	6,244.0	7,907.8	40.0	485.8	122.3	608.1	8,515.9	7.1	64.0
September	6,245.1	7,908.3	41.1	500.7	126.2	626.9	8,535.2	7.3	64.1

TABLE 4. UNEMPLOYED PERSONS: AUSTRALIA

Month	Number looking for full-time work				Number looking for part-time work	Unemployment rate					
	Aged 15-19			Total		Looking for full-time work			Looking for part-time work		Total
	Looking for first job	Total	Aged 20 and over			Aged 15-19	Aged 20 and over	Total	per cent		
MALES											
1989 —											
July	12.6	35.2	196.0	231.1	33.6	264.8	11.4	4.7	5.2	8.9	5.4
August	13.5	37.5	193.2	230.7	30.0	260.7	12.8	4.6	5.2	7.8	5.4
September	13.7	40.4	197.8	238.2	36.5	274.7	13.7	4.7	5.3	8.8	5.6
October	15.0	35.7	175.3	211.0	32.2	243.2	12.2	4.2	4.7	8.1	5.0
November	12.9	33.9	180.0	214.0	26.7	240.7	12.1	4.3	4.8	6.7	4.9
December	23.5	49.4	196.8	246.1	31.8	277.9	15.6	4.7	5.4	7.8	5.6
1990 —											
January	30.4	57.7	216.2	274.0	37.1	311.1	17.4	5.2	6.1	9.6	6.4
February	20.5	47.2	226.9	274.1	37.6	311.8	15.1	5.4	6.0	9.7	6.3
March	16.8	42.6	213.4	256.0	42.7	298.7	14.3	5.1	5.7	10.2	6.1
April	14.7	43.1	215.6	258.7	38.6	297.3	14.6	5.1	5.7	9.1	6.0
May	15.0	46.3	228.6	274.9	36.1	311.0	16.1	5.4	6.1	8.6	6.3
June	14.3	45.1	224.3	269.5	29.3	298.7	15.5	5.3	5.9	7.3	6.0
July	13.5	46.3	246.5	292.8	34.3	327.1	15.5	5.8	6.4	8.5	6.6
August	16.5	50.7	254.5	305.1	32.8	338.0	18.0	6.0	6.7	8.2	6.9
September	13.7	49.4	270.9	320.3	43.0	363.3	17.5	6.3	7.0	10.2	7.3
Standard error of — September 1990 estimates	1.7	3.2	6.6	7.1	3.0	7.4	1.1	0.2	0.2	0.7	0.1
Aug 90 to Sep 90 movements	1.8	2.7	5.1	5.4	2.5	5.7	1.0	0.1	0.1	0.6	0.1
FEMALES											
1989 —											
July	15.2	36.3	113.1	149.5	69.1	218.6	15.9	6.1	7.2	5.3	6.5
August	14.8	34.4	105.0	139.4	69.3	208.7	16.4	5.8	6.9	5.2	6.2
September	14.1	36.8	107.4	144.2	82.3	226.6	17.5	5.8	7.0	6.0	6.6
October	14.7	33.5	103.2	136.7	77.4	214.1	16.0	5.6	6.6	5.8	6.3
November	12.7	29.6	106.7	136.3	69.7	206.0	14.5	5.7	6.5	5.2	6.0
December	26.4	47.2	105.8	153.0	71.0	224.0	19.3	5.6	7.1	5.3	6.4
1990 —											
January	28.4	49.3	123.8	173.1	66.2	239.3	20.0	6.6	8.1	5.4	7.1
February	22.6	47.5	138.5	186.0	95.9	282.0	20.7	7.2	8.7	7.2	8.1
March	16.0	38.2	119.9	158.1	92.2	250.2	17.9	6.3	7.5	6.7	7.1
April	14.8	39.5	117.7	157.2	79.6	236.9	18.4	6.2	7.5	5.7	6.8
May	15.6	39.1	117.3	156.4	83.0	239.4	18.8	6.1	7.4	6.0	6.8
June	16.2	39.0	128.7	167.7	75.3	243.0	19.1	6.7	7.9	5.4	6.9
July	17.0	43.1	124.6	167.7	74.5	242.2	19.5	6.4	7.8	5.5	6.9
August	17.3	41.4	131.7	173.2	76.3	249.5	20.7	6.9	8.2	5.5	7.1
September	19.5	45.6	127.5	173.1	91.2	264.4	23.0	6.6	8.1	6.5	7.4
Standard error of — September 1990 estimates	2.0	3.0	4.8	5.5	4.1	6.5	1.5	0.2	0.3	0.3	0.2
Aug 90 to Sep 90 movements	1.9	2.6	3.9	4.3	3.4	5.0	1.3	0.2	0.2	0.2	0.1
PERSONS											
1989 —											
July	27.8	71.5	309.1	380.6	102.7	483.4	13.3	5.1	5.8	6.1	5.9
August	28.3	71.9	298.2	370.1	99.3	469.4	14.3	5.0	5.7	5.8	5.7
September	27.8	77.2	305.2	382.5	118.8	501.3	15.3	5.0	5.8	6.6	6.0
October	29.7	69.3	278.5	347.7	109.6	457.4	13.8	4.6	5.3	6.3	5.5
November	25.6	63.6	286.7	350.3	96.4	446.7	13.1	4.7	5.3	5.5	5.4
December	49.9	96.6	302.6	399.1	102.8	501.9	17.2	4.9	6.0	5.9	5.9
1990 —											
January	58.8	107.0	340.0	447.0	103.4	550.4	18.5	5.6	6.7	6.4	6.7
February	43.2	94.7	365.4	460.2	133.6	593.7	17.5	6.0	6.9	7.7	7.1
March	32.8	80.9	333.2	414.1	134.8	548.9	15.8	5.5	6.3	7.5	6.5
April	29.5	82.7	333.2	415.9	118.3	534.2	16.2	5.5	6.3	6.5	6.3
May	30.6	85.4	345.9	431.3	119.1	550.5	17.2	5.6	6.5	6.6	6.5
June	30.5	84.1	353.1	437.2	104.6	541.8	17.0	5.7	6.6	5.8	6.4
July	30.5	89.4	371.1	460.5	108.9	569.3	17.2	6.0	6.8	6.2	6.7
August	33.8	92.1	386.2	478.3	109.1	587.4	19.1	6.3	7.2	6.2	7.0
September	33.2	95.0	398.4	493.4	134.3	627.7	19.7	6.4	7.3	7.3	7.3
Standard error of — September 1990 estimates	2.6	4.2	7.7	8.4	4.9	9.2	0.9	0.1	0.1	0.3	0.1
Aug 90 to Sep 90 movements	2.3	3.4	5.9	6.3	3.9	6.9	0.7	0.1	0.1	0.2	0.1

TABLE 5. UNEMPLOYED PERSONS: SEASONALLY ADJUSTED SERIES

Month	Number looking for full-time work				Number looking for part-time work	Unemployment rate					
	Aged 15-19			Total		Looking for full-time work			Looking for part-time work	Total	
	Looking for first job	Total	Aged 20 and over			Aged 15-19	Aged 20 and over	Total			
							- per cent -				
MALES											
1989 —											
July	15.2	38.1	197.2	235.4	37.8	273.2	12.4	4.7	5.3	9.7	5.6
August	16.8	41.3	193.6	234.9	34.1	268.9	13.4	4.6	5.2	8.7	5.5
September	16.0	44.1	194.2	238.3	37.3	275.6	14.4	4.6	5.3	9.2	5.6
October	18.8	41.2	182.7	223.9	35.0	258.9	13.4	4.4	5.0	8.7	5.3
November	16.1	40.3	192.0	232.3	33.2	265.4	13.2	4.6	5.2	8.3	5.4
December	15.7	40.4	202.9	243.4	26.8	270.2	13.7	4.8	5.4	6.8	5.5
1990 —											
January	18.9	42.4	204.2	246.6	33.2	279.8	14.0	4.9	5.5	8.3	5.7
February	15.3	38.8	215.1	253.9	33.9	287.8	13.3	5.1	5.6	8.3	5.9
March	17.3	43.4	207.8	251.2	36.4	287.6	14.8	5.0	5.6	9.1	5.9
April	16.9	45.4	221.6	266.9	36.3	303.2	15.3	5.2	5.9	8.9	6.2
May	16.8	50.1	225.5	275.6	35.8	311.4	17.0	5.3	6.1	8.7	6.3
June	19.4	50.9	225.2	276.1	33.6	309.7	17.0	5.3	6.1	8.4	6.3
July	16.3	50.3	248.1	298.4	38.4	336.8	16.7	5.8	6.5	9.2	6.8
August	20.6	55.7	255.2	310.9	37.4	348.4	18.7	6.0	6.8	9.2	7.0
September	16.1	53.9	265.9	319.8	44.0	363.8	18.3	6.2	7.0	10.7	7.3
FEMALES											
1989 —											
July	19.3	40.2	116.4	156.6	73.8	230.4	17.2	6.3	7.5	5.6	6.8
August	18.2	39.6	109.5	149.1	78.2	227.3	17.8	5.9	7.2	5.9	6.7
September	17.6	40.3	112.3	152.7	77.8	230.5	18.7	6.0	7.3	5.8	6.7
October	18.7	39.0	111.8	150.8	81.5	232.3	17.5	6.0	7.3	6.1	6.8
November	17.2	37.0	114.5	151.5	78.6	230.1	16.9	6.1	7.2	5.9	6.7
December	18.2	38.3	110.3	148.6	75.7	224.3	16.9	5.9	7.1	5.6	6.5
1990 —											
January	18.2	38.2	116.4	154.6	79.9	234.6	17.2	6.2	7.3	5.9	6.8
February	17.1	39.5	127.3	166.8	87.4	254.2	18.1	6.7	7.9	6.4	7.3
March	14.8	36.2	112.4	148.6	73.8	222.4	17.3	5.9	7.1	5.5	6.5
April	15.9	40.5	110.1	150.6	66.6	217.2	19.0	5.8	7.2	4.9	6.3
May	18.4	40.6	113.9	154.6	80.2	234.7	19.5	5.9	7.3	5.9	6.7
June	18.6	41.6	131.1	172.7	79.9	252.6	19.9	6.8	8.1	5.8	7.2
July	21.5	47.6	128.0	175.6	79.7	255.3	20.9	6.6	8.1	5.8	7.2
August	21.2	47.6	137.6	185.2	86.1	271.3	22.4	7.1	8.6	6.3	7.7
September	24.3	50.0	133.5	183.5	86.2	269.8	24.4	6.9	8.5	6.3	7.7
PERSONS											
1989 —											
July	34.4	78.3	313.7	392.0	111.6	503.6	14.4	5.2	6.0	6.6	6.1
August	35.0	80.9	303.1	384.0	112.3	496.3	15.3	5.0	5.8	6.5	6.0
September	33.6	84.4	306.5	390.9	115.1	506.0	16.2	5.1	6.0	6.6	6.1
October	37.5	80.2	294.5	374.8	116.5	491.3	15.1	4.9	5.7	6.7	5.9
November	33.2	77.3	306.4	383.7	111.8	495.5	14.8	5.0	5.8	6.4	5.9
December	33.8	78.8	313.2	392.0	102.5	494.5	15.1	5.1	5.9	5.9	5.9
1990 —											
January	37.1	80.6	320.6	401.2	113.1	514.4	15.4	5.3	6.1	6.4	6.1
February	32.5	78.3	342.4	420.7	121.3	542.0	15.4	5.6	6.4	6.8	6.5
March	32.1	79.7	320.1	399.8	110.2	510.0	15.8	5.3	6.1	6.3	6.1
April	32.8	85.9	331.7	417.5	102.9	520.4	16.9	5.4	6.3	5.8	6.2
May	35.1	90.7	339.4	430.1	116.0	546.1	18.0	5.5	6.5	6.5	6.5
June	38.1	92.5	356.3	448.8	113.6	562.4	18.2	5.8	6.7	6.4	6.6
July	37.8	97.9	376.1	474.0	118.1	592.1	18.5	6.1	7.0	6.6	6.9
August	41.8	103.4	392.8	496.1	123.5	619.7	20.3	6.3	7.4	6.9	7.3
September	40.4	103.9	399.4	503.3	130.3	633.6	20.8	6.4	7.5	7.3	7.4



TABLE 6. UNEMPLOYED PERSONS: TREND SERIES

Month	Number looking for full-time work				Number looking for part-time work	Total	Unemployment rate				Total
	Aged 15-19		Aged 20 and over	Total			Looking for full-time work		Total	Looking for part-time work	
	Looking for first job	Total					Aged 15-19	Aged 20 and over			
							- per cent -				
MALES											
1989 —											
July	15.9	39.3	195.4	234.8	36.0	270.7	12.8	4.7	5.2	9.3	5.6
August	16.3	40.5	192.3	232.8	35.8	268.6	13.1	4.6	5.2	9.1	5.5
September	16.6	41.3	190.9	232.2	35.0	267.2	13.5	4.6	5.2	8.8	5.5
October	16.8	41.5	191.5	233.0	33.7	266.7	13.6	4.6	5.2	8.4	5.5
November	16.9	41.1	194.2	235.3	32.7	268.0	13.6	4.6	5.2	8.2	5.5
December	16.9	40.8	198.6	239.4	32.3	271.7	13.6	4.7	5.3	8.0	5.5
1990 —											
January	16.8	40.9	203.7	244.6	32.5	277.1	13.8	4.8	5.4	8.1	5.7
February	16.8	41.8	208.8	250.6	33.4	284.0	14.1	5.0	5.6	8.3	5.8
March r	16.9	43.5	213.7	257.2	34.3	291.5	14.7	5.1	5.7	8.5	5.9
April r	17.2	45.7	219.2	264.9	35.2	300.2	15.5	5.2	5.9	8.7	6.1
May r	17.5	48.1	226.0	274.1	36.0	310.1	16.2	5.3	6.0	8.8	6.3
June r	17.8	50.3	234.5	284.8	36.6	321.4	16.9	5.5	6.3	9.0	6.5
July r	18.0	52.1	243.6	295.7	37.7	333.4	17.5	5.7	6.5	9.2	6.7
August r	18.1	53.7	252.3	306.0	38.9	344.9	18.0	5.9	6.7	9.5	6.9
September	18.0	54.7	260.3	315.0	40.1	355.2	18.4	6.1	6.9	9.8	7.1
FEMALES											
1989 —											
July	18.8	40.2	112.4	152.6	75.6	228.2	17.8	6.1	7.4	5.7	6.7
August	18.5	39.8	112.3	152.1	76.8	228.9	17.7	6.1	7.3	5.8	6.7
September	18.3	39.3	112.2	151.5	77.8	229.3	17.6	6.0	7.3	5.8	6.7
October	18.1	38.8	112.5	151.3	78.9	230.2	17.5	6.0	7.2	5.9	6.7
November	17.9	38.4	113.7	152.0	79.7	231.7	17.3	6.1	7.3	5.9	6.7
December	17.5	38.1	114.8	152.9	79.7	232.6	17.2	6.1	7.3	5.9	6.7
1990 —											
January	17.1	37.9	115.4	153.3	78.9	232.2	17.3	6.1	7.3	5.8	6.7
February	16.7	38.0	115.5	153.6	77.7	231.3	17.5	6.1	7.3	5.7	6.7
March r	16.5	38.5	115.9	154.4	76.7	231.1	18.0	6.1	7.3	5.6	6.7
April r	16.9	39.7	117.4	157.0	76.3	233.4	18.6	6.2	7.4	5.6	6.7
May r	17.8	41.3	120.2	161.5	77.1	238.5	19.4	6.3	7.6	5.6	6.8
June r	19.1	43.3	124.0	167.4	78.8	246.1	20.3	6.4	7.8	5.7	7.0
July r	20.5	45.5	128.4	173.9	81.1	254.9	21.3	6.6	8.1	5.9	7.2
August r	21.9	47.5	132.4	179.8	83.4	263.2	22.2	6.8	8.3	6.1	7.4
September	23.2	49.3	136.4	185.7	86.1	271.7	23.1	7.0	8.6	6.2	7.7
PERSONS											
1989 —											
July	34.7	79.5	307.9	387.4	111.6	499.0	14.9	5.1	5.9	6.5	6.0
August	34.8	80.3	304.6	384.9	112.6	497.5	15.1	5.1	5.9	6.5	6.0
September	34.9	80.7	303.1	383.7	112.7	496.5	15.2	5.0	5.8	6.5	6.0
October	34.9	80.3	304.1	384.3	112.6	497.0	15.2	5.0	5.8	6.5	6.0
November	34.8	79.5	307.9	387.4	112.4	499.8	15.2	5.1	5.9	6.4	6.0
December	34.4	78.8	313.4	392.3	112.0	504.2	15.1	5.2	5.9	6.4	6.0
1990 —											
January	33.9	78.8	319.1	397.9	111.5	509.4	15.2	5.2	6.0	6.4	6.1
February	33.5	79.8	324.4	404.1	111.1	515.2	15.6	5.3	6.1	6.3	6.2
March r	33.4	82.0	329.6	411.6	111.0	522.6	16.1	5.4	6.2	6.3	6.2
April r	34.1	85.4	336.6	421.9	111.6	533.5	16.8	5.5	6.4	6.3	6.3
May r	35.3	89.4	346.2	435.6	113.0	548.6	17.6	5.6	6.5	6.4	6.5
June r	36.9	93.6	358.5	452.1	115.4	567.5	18.3	5.8	6.8	6.5	6.7
July r	38.5	97.6	372.0	469.6	118.7	588.3	19.1	6.0	7.0	6.7	6.9
August r	40.0	101.2	384.6	485.8	122.3	608.1	19.8	6.2	7.2	6.8	7.1
September	41.1	104.0	396.7	500.7	126.2	626.9	20.4	6.4	7.4	7.1	7.3

TABLE 7. LABOUR FORCE STATUS OF CIVILIAN POPULATION AGED 15 TO 19: FULL -TIME ATTENDANCE AT SCHOOL OR A TERTIARY EDUCATIONAL INSTITUTION, SEPTEMBER 1990

	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										
Males	226.9	245.9	45.3	* 0.9	46.3	292.1	13.7	305.8	15.8	95.5
Females	151.2	183.0	41.0	* 2.2	43.2	226.2	30.5	256.7	19.1	88.1
Persons	378.1	428.8	86.3	* 3.2	89.5	518.3	44.2	562.5	17.3	92.1
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME										
Males	5.7	27.6	* 1.4	4.6	6.0	33.6	30.2	63.8	17.8	52.7
Females	* 1.3	38.5	* 2.0	6.7	8.6	47.1	42.3	89.4	18.3	52.7
Persons	7.0	66.1	* 3.4	11.3	14.6	80.8	72.5	153.2	18.1	52.7
ATTENDING SCHOOL										
Males	* 0.6	79.6	* 2.7	16.3	19.0	98.7	239.1	337.8	19.3	29.2
Females	* 0.4	96.5	* 2.6	17.9	20.6	117.1	215.9	333.0	17.6	35.2
Persons	* 1.0	176.1	5.3	34.3	39.6	215.7	455.0	670.8	18.4	32.2
TOTAL										
Males	233.2	353.1	49.4	21.9	71.3	424.4	283.0	707.4	16.8	60.0
Females	152.9	317.9	45.6	26.8	72.4	390.4	288.8	679.1	18.6	57.5
Persons	386.1	671.1	95.0	48.7	143.7	814.8	571.8	1,386.6	17.6	58.8

TABLE 8. LABOUR FORCE STATUS OF CIVILIAN POPULATION AGED 15 AND OVER, STATES AND TERRITORIES, SEPTEMBER 1990

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	Total	Looking for full-time work	Looking for part-time work - '000	Total					
MALES										
New South Wales	1,443.3	1,568.0	99.5	13.0	112.5	1,680.5	555.1	2,235.6	6.7	75.2
Victoria	1,100.7	1,198.0	74.2	13.6	87.8	1,285.8	403.7	1,689.5	6.8	76.1
Queensland	716.5	787.1	59.5	6.9	66.3	853.5	264.0	1,117.4	7.8	76.4
South Australia	351.5	384.2	33.5	3.0	36.5	420.7	141.7	562.5	8.7	74.8
Western Australia	423.1	454.7	36.3	4.4	40.7	495.4	137.2	632.5	8.2	78.3
Tasmania	108.5	118.7	12.3	* 0.6	12.9	131.6	41.4	173.0	9.8	76.1
Northern Territory	40.4	44.7	2.8	* 0.6	3.4	48.1	9.3	57.4	7.0	83.8
Australian Capital Territory	75.2	82.7	2.4	* 0.8	3.2	85.9	18.8	104.7	3.7	82.0
Australia	4,259.1	4,638.2	320.3	43.0	363.3	5,001.5	1,571.2	6,572.7	7.3	76.1
FEMALES										
New South Wales	672.5	1,082.4	53.3	28.1	81.5	1,163.8	1,142.7	2,306.5	7.0	50.5
Victoria	539.8	881.5	41.0	23.6	64.6	946.2	804.3	1,750.4	6.8	54.1
Queensland	324.8	554.3	34.4	15.8	50.3	604.6	532.6	1,137.2	8.3	53.2
South Australia	146.8	274.3	16.3	8.0	24.2	298.6	280.3	578.9	8.1	51.6
Western Australia	176.9	316.7	19.0	9.9	28.9	345.7	284.6	630.3	8.4	54.8
Tasmania	43.5	80.4	5.1	2.4	7.5	87.9	90.9	178.8	8.6	49.2
Northern Territory	20.6	30.4	2.6	* 1.0	3.6	34.0	19.5	53.5	10.6	63.6
Australian Capital Territory	47.3	67.2	* 1.4	2.3	3.7	70.9	37.0	107.9	5.2	65.7
Australia	1,972.2	3,287.3	173.1	91.2	264.4	3,551.7	3,191.9	6,743.5	7.4	52.7
PERSONS										
New South Wales	2,115.8	2,650.3	152.8	41.2	194.0	2,844.3	1,697.8	4,542.1	6.8	62.6
Victoria	1,640.5	2,079.6	115.2	37.3	152.4	2,232.0	1,208.0	3,440.0	6.8	64.9
Queensland	1,041.3	1,341.5	93.9	22.7	116.6	1,458.0	796.6	2,254.6	8.0	64.7
South Australia	498.3	658.5	49.7	11.0	60.8	719.3	422.1	1,141.3	8.4	63.0
Western Australia	600.0	771.4	55.3	14.4	69.7	841.1	421.8	1,262.9	8.3	66.6
Tasmania	152.0	199.1	17.4	3.0	20.5	219.5	132.3	351.8	9.3	62.4
Northern Territory	61.0	75.1	5.4	* 1.6	7.0	82.1	28.7	110.8	8.5	74.1
Australian Capital Territory	122.4	150.0	3.8	3.1	6.9	156.8	55.8	212.6	4.4	73.8
Australia	6,231.3	7,925.5	493.4	134.3	627.7	8,553.2	4,763.1	13,316.2	7.3	64.2

TABLE 9. UNEMPLOYED PERSONS, STATES AND TERRITORIES

Month	Number looking for full-time work				Number looking for part-time work	Unemployment rate					
	Aged 15-19			Total		Looking for full-time work			Looking for part-time work	Total	
	Looking for first job	Aged 20 and over	Total			Aged 15-19	Aged 20 and over	Total			
							- per cent -				
NEW SOUTH WALES											
1989 — September	7.2	21.2	114.9	136.2	38.3	174.5	13.7	5.5	6.1	6.8	6.2
1990 — August	8.8	23.5	120.0	143.6	34.6	178.2	15.4	5.8	6.5	6.2	6.4
September	7.3	23.7	129.1	152.8	41.2	194.0	15.7	6.1	6.7	7.2	6.8
Standard error of —											
Sep 90 estimates	1.4	2.4	4.8	5.1	3.0	5.6	1.6	0.2	0.2	0.5	0.2
Aug 90 to Sep 90 movements	1.4	2.0	3.7	3.9	2.4	4.3	1.3	0.2	0.2	0.4	0.2
VICTORIA											
1989 — September	5.5	17.3	55.9	73.2	30.8	104.0	14.1	3.5	4.3	6.5	4.7
1990 — August	10.1	21.0	90.1	111.1	27.6	138.8	19.3	5.5	6.3	6.0	6.3
September	10.8	23.8	91.4	115.2	37.3	152.4	21.7	5.6	6.6	7.8	6.8
Standard error of —											
Sep 90 estimates	1.7	2.4	4.1	4.5	2.9	5.1	2.1	0.3	0.3	0.6	0.2
Aug 90 to Sep 90 movements	1.4	1.8	3.0	3.3	2.2	3.6	1.7	0.2	0.2	0.5	0.2
QUEENSLAND											
1989 — September	5.8	16.7	55.8	72.5	21.0	93.5	16.9	5.6	6.6	7.0	6.7
1990 — August	6.0	21.8	74.8	96.6	20.8	117.3	21.8	7.3	8.6	6.6	8.2
September	6.3	21.5	72.4	93.9	22.7	116.6	22.6	7.0	8.3	7.0	8.0
Standard error of —											
Sep 90 estimates	1.0	1.8	3.0	3.3	1.8	3.6	1.9	0.3	0.3	0.6	0.2
Aug 90 to Sep 90 movements	1.0	1.5	2.3	2.5	1.5	2.7	1.6	0.2	0.2	0.5	0.2
SOUTH AUSTRALIA											
1989 — September	4.0	7.8	29.8	37.6	8.8	46.4	18.1	6.0	6.9	5.3	6.6
1990 — August	3.8	8.7	38.8	47.5	10.5	58.0	21.5	7.7	8.7	6.2	8.1
September	3.3	8.9	40.8	49.7	11.0	60.8	22.7	8.0	9.1	6.4	8.4
Standard error of —											
Sep 90 estimates	0.6	1.0	1.9	2.0	1.1	2.2	2.5	0.4	0.4	0.6	0.3
Aug 90 to Sep 90 movements	0.6	0.8	1.3	1.4	0.8	1.5	1.9	0.3	0.3	0.5	0.2
WESTERN AUSTRALIA											
1989 — September	2.5	8.6	29.9	38.5	12.4	50.9	15.3	5.3	6.2	6.6	6.3
1990 — August	2.6	11.2	41.9	53.2	9.7	62.9	20.2	7.2	8.3	5.2	7.6
September	3.0	10.7	44.6	55.3	14.4	69.7	18.1	7.5	8.4	7.7	8.3
Standard error of —											
Sep 90 estimates	0.6	1.1	2.1	2.2	1.3	2.5	1.9	0.3	0.3	0.7	0.3
Aug 90 to Sep 90 movements	0.6	1.0	1.6	1.7	1.0	1.8	1.7	0.3	0.3	0.6	0.2
TASMANIA											
1989 — September	2.3	4.0	11.9	15.9	3.2	19.1	24.3	8.0	9.7	6.4	8.9
1990 — August	2.0	4.3	12.8	17.1	2.6	19.7	26.9	8.4	10.1	5.6	9.2
September	1.8	3.9	13.5	17.4	3.0	20.5	24.5	8.8	10.3	6.1	9.3
Standard error of —											
Sep 90 estimates	0.4	0.5	0.8	0.9	0.5	0.9	3.2	0.5	0.5	0.9	0.4
Aug 90 to Sep 90 movements	0.3	0.4	0.6	0.7	0.4	0.7	2.5	0.4	0.4	0.7	0.3
NORTHERN TERRITORY											
1989 — September	*0.4	*0.8	3.2	4.0	*0.7	4.7	*16.1	5.3	6.1	*5.6	6.1
1990 — August	*0.0	*0.8	3.2	4.0	*1.3	5.3	*22.6	5.4	6.4	*10.4	7.1
September	*0.3	*1.5	3.9	5.4	*1.6	7.0	*31.8	6.3	8.1	*10.3	8.5
Standard error of —											
Sep 90 estimates	0.2	0.4	0.7	0.8	0.4	0.9	9.1	1.1	1.2	2.8	1.1
Aug 90 to Sep 90 movements	0.0	0.3	0.5	0.5	0.3	0.6	6.4	0.7	0.8	2.0	0.7
AUSTRALIAN CAPITAL TERRITORY											
1989 — September	*0.1	*0.7	3.9	4.6	3.5	8.1	*11.8	3.5	4.0	9.3	5.3
1990 — August	*0.5	*0.8	4.5	5.2	2.1	7.3	*15.0	3.8	4.2	7.1	4.8
September	*0.5	*1.0	2.8	3.8	3.1	6.9	*16.8	2.3	3.0	10.1	4.4
Standard error of —											
Sep 90 estimates	0.2	0.3	0.5	0.5	0.5	0.7	5.1	0.4	0.4	1.6	0.4
Aug 90 to Sep 90 movements	0.2	0.3	0.5	0.5	0.4	0.6	4.5	0.4	0.4	1.3	0.4

TABLE 10. CIVILIAN LABOUR FORCE, STATES: SEASONALLY ADJUSTED SERIES

Month	Males					Females					Persons				
	Employed	Unemp- loyed	Labour force	Unemp- loyment rate	Partic- ipation rate	Employed	Unemp- loyed	Labour force	Unemp- loyment rate	Partic- ipation rate	Employed	Unemp- loyed	Labour force	Unemp- loyment rate	Partic- ipation rate
	- '000 -	- '000 -		- per cent -	- per cent -	- '000 -	- '000 -		- per cent -	- per cent -	- '000 -	- '000 -		- per cent -	- per cent -
NEW SOUTH WALES															
1989 —															
July	1,552.0	97.1	1,649.2	5.9	74.7	1,048.2	81.0	1,129.2	7.2	49.5	2,600.2	178.1	2,778.3	6.4	61.9
August	1,561.4	92.1	1,653.5	5.6	74.8	1,050.6	77.4	1,128.0	6.9	49.5	2,612.0	169.5	2,781.5	6.1	61.9
September	1,555.9	100.9	1,656.8	6.1	74.9	1,059.0	73.2	1,132.1	6.5	49.6	2,614.9	174.1	2,789.0	6.2	62.1
October	1,558.0	92.8	1,650.7	5.6	74.6	1,056.5	70.2	1,126.7	6.2	49.3	2,614.5	162.9	2,777.4	5.9	61.8
November	1,560.9	85.7	1,646.6	5.2	74.4	1,066.9	71.0	1,137.9	6.2	49.8	2,627.8	156.7	2,784.5	5.6	61.9
December	1,558.8	94.4	1,653.2	5.7	74.6	1,067.8	69.0	1,136.9	6.1	49.7	2,626.6	163.5	2,790.0	5.9	62.0
1990 —															
January	1,556.2	97.5	1,653.7	5.9	74.6	1,053.8	74.2	1,128.0	6.6	49.3	2,609.9	171.7	2,781.7	6.2	61.8
February	1,541.4	100.2	1,641.7	6.1	74.0	1,052.2	83.7	1,136.0	7.4	49.6	2,593.7	184.0	2,777.7	6.6	61.6
March	1,534.2	99.2	1,633.4	6.1	73.6	1,061.5	70.4	1,131.9	6.2	49.4	2,595.7	169.6	2,765.3	6.1	61.3
April	1,538.2	99.3	1,637.5	6.1	73.7	1,061.7	71.8	1,133.5	6.3	49.4	2,599.9	171.1	2,771.0	6.2	61.4
May	1,553.6	94.6	1,648.2	5.7	74.1	1,078.1	77.2	1,155.3	6.7	50.3	2,631.7	171.8	2,803.5	6.1	62.0
June	1,549.7	95.1	1,644.8	5.8	73.8	1,082.8	83.0	1,165.7	7.1	50.7	2,632.5	178.1	2,810.5	6.3	62.1
July	1,561.8	107.4	1,669.2	6.4	74.8	1,083.0	79.4	1,162.5	6.8	50.5	2,644.8	186.8	2,831.7	6.6	62.5
August	1,552.8	108.4	1,661.2	6.5	74.4	1,079.8	75.9	1,155.7	6.6	50.2	2,632.6	184.3	2,816.9	6.5	62.1
September	1,566.2	111.8	1,678.0	6.7	75.1	1,071.2	81.7	1,152.9	7.1	50.0	2,637.4	193.5	2,830.9	6.8	62.3
VICTORIA															
1989 —															
July	1,204.7	52.2	1,256.9	4.2	75.7	849.0	51.0	900.0	5.7	52.3	2,053.6	103.2	2,156.9	4.8	63.8
August	1,202.9	52.0	1,255.0	4.1	75.5	857.8	48.8	906.6	5.4	52.6	2,060.7	100.9	2,161.6	4.7	63.9
September	1,206.2	55.3	1,261.5	4.4	75.8	864.9	50.3	915.1	5.5	53.1	2,071.1	105.6	2,176.6	4.9	64.2
October	1,215.9	48.5	1,264.4	3.8	75.9	858.9	52.3	911.3	5.7	52.8	2,074.8	100.8	2,175.7	4.6	64.1
November	1,218.4	50.5	1,269.0	4.0	76.1	859.0	58.8	917.8	6.4	53.1	2,077.4	109.3	2,186.8	5.0	64.4
December	1,208.0	50.5	1,258.5	4.0	75.4	859.6	46.6	906.2	5.1	52.4	2,067.6	97.1	2,164.8	4.5	63.7
1990 —															
January	1,215.1	49.4	1,264.5	3.9	75.7	880.3	51.2	931.5	5.5	53.8	2,095.4	100.7	2,196.0	4.6	64.5
February	1,215.7	54.5	1,270.2	4.3	75.9	879.4	56.2	935.7	6.0	54.0	2,095.2	110.7	2,205.9	5.0	64.7
March	1,210.8	51.1	1,261.9	4.1	75.3	862.2	51.9	914.0	5.7	52.7	2,073.0	103.0	2,176.0	4.7	63.8
April	1,230.5	57.0	1,287.5	4.4	76.8	878.1	47.7	925.7	5.1	53.3	2,108.6	104.7	2,213.2	4.7	64.8
May	1,217.6	64.0	1,281.6	5.0	76.3	880.5	53.4	934.0	5.7	53.7	2,098.1	117.5	2,215.6	5.3	64.8
June	1,218.4	60.2	1,278.6	4.7	76.0	881.9	58.7	940.6	6.2	54.0	2,100.3	118.9	2,219.2	5.4	64.8
July	1,215.2	78.2	1,293.5	6.0	76.8	886.8	65.1	951.8	6.8	54.5	2,102.0	143.3	2,245.3	6.4	65.5
August	1,205.4	77.1	1,282.5	6.0	76.0	878.7	72.5	951.2	7.6	54.4	2,084.1	149.5	2,233.7	6.7	65.0
September	1,194.6	88.3	1,282.9	6.9	75.9	870.1	66.5	936.6	7.1	53.5	2,064.7	154.9	2,219.5	7.0	64.5

TABLE 10. 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 cent -	Employed	Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate cent -	Employed	Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate cent -
	QUEENSLAND														
1989 —															
July	764.6	50.9	815.6	6.2	75.6	517.7	43.4	561.1	7.7	51.1	1,282.3	94.4	1,376.7	6.9	63.2
August	769.6	50.9	820.5	6.2	75.9	519.5	45.3	564.9	8.0	51.3	1,289.1	96.3	1,385.4	7.0	63.5
September	775.4	49.9	825.3	6.0	76.1	516.5	46.7	563.3	8.3	51.0	1,292.0	96.6	1,388.6	7.0	63.4
October	782.1	48.9	831.1	5.9	76.4	522.8	51.3	574.1	8.9	51.8	1,305.0	100.2	1,405.2	7.1	64.0
November	784.1	49.6	833.7	5.9	76.4	530.6	46.1	576.7	8.0	51.9	1,314.7	95.7	1,410.4	6.8	64.0
December	783.2	49.3	832.5	5.9	76.0	539.1	44.6	583.7	7.6	52.4	1,322.4	93.9	1,416.2	6.6	64.1
1990 —															
January	783.5	53.6	837.1	6.4	76.3	541.1	44.1	585.2	7.5	52.4	1,324.6	97.7	1,422.2	6.9	64.2
February	787.7	50.8	838.5	6.1	76.2	533.9	49.1	583.0	8.4	52.1	1,321.6	99.9	1,421.5	7.0	64.0
March	783.1	57.3	840.4	6.8	76.2	536.6	43.5	580.1	7.5	51.7	1,319.8	100.8	1,420.5	7.1	63.8
April	777.4	63.8	841.2	7.6	76.1	542.9	45.2	588.1	7.7	52.3	1,320.3	108.9	1,429.3	7.6	64.1
May	781.1	66.8	847.9	7.9	76.5	539.9	45.7	585.6	7.8	51.9	1,321.1	112.5	1,433.5	7.8	64.1
June	778.6	67.2	845.8	7.9	76.2	549.3	50.7	600.0	8.5	53.1	1,327.9	117.9	1,445.8	8.2	64.5
July	779.7	67.8	847.5	8.0	76.2	544.6	51.3	595.9	8.6	52.6	1,324.3	119.2	1,443.5	8.3	64.3
August	783.1	69.4	852.5	8.1	76.4	547.0	55.3	602.3	9.2	53.1	1,330.1	124.7	1,454.8	8.6	64.7
September	784.0	70.3	854.3	8.2	76.4	546.1	50.5	596.6	8.5	52.5	1,330.1	120.8	1,450.8	8.3	64.3
SOUTH AUSTRALIA															
1989 —															
July	383.9	32.2	416.2	7.7	75.0	267.8	21.2	289.0	7.3	50.6	651.7	53.5	705.2	7.6	62.6
August	389.1	28.0	417.2	6.7	75.1	275.4	19.3	294.6	6.5	51.6	664.5	47.3	711.8	6.6	63.2
September	389.0	25.1	414.1	6.1	74.5	272.4	20.0	292.4	6.8	51.2	661.4	45.1	706.5	6.4	62.7
October	385.8	28.0	413.8	6.8	74.4	269.0	21.5	290.5	7.4	50.8	654.8	49.5	704.3	7.0	62.4
November	388.6	30.7	419.3	7.3	75.3	266.8	22.1	288.9	7.7	50.4	655.4	52.8	708.2	7.5	62.7
December	387.1	26.9	414.1	6.5	74.3	264.5	20.9	285.5	7.3	49.7	651.7	47.9	699.5	6.8	61.8
1990 —															
January	389.7	27.0	416.7	6.5	74.7	270.1	22.0	292.1	7.5	50.8	659.8	49.0	708.8	6.9	62.6
February	384.2	30.6	414.7	7.4	74.3	271.7	23.6	295.3	8.0	51.4	655.9	54.2	710.1	7.6	62.6
March	385.7	29.5	415.2	7.1	74.3	268.5	18.6	287.1	6.5	49.9	654.2	48.1	702.3	6.8	61.9
April	387.8	28.4	416.2	6.8	74.4	269.4	20.2	289.6	7.0	50.3	657.2	48.6	705.7	6.9	62.1
May	392.7	31.6	424.2	7.4	75.7	270.2	21.7	291.9	7.4	50.6	662.8	53.3	716.1	7.4	63.0
June	394.9	29.9	424.8	7.0	75.8	268.7	21.2	289.9	7.3	50.2	663.7	51.1	714.8	7.1	62.8
July	393.1	29.2	422.3	6.9	75.2	273.4	22.4	295.8	7.6	51.2	666.5	51.6	718.1	7.2	63.0
August	389.0	34.7	423.7	8.2	75.4	277.9	24.7	302.6	8.2	52.3	666.9	59.3	726.3	8.2	63.7
September	382.5	35.1	417.6	8.4	74.2	275.6	24.0	299.5	8.0	51.7	658.1	59.0	717.1	8.2	62.8

TABLE 10. 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
WESTERN AUSTRALIA															
1989 —															
July	449.1	24.2	473.2	5.1	77.2	300.5	20.2	320.8	6.3	52.5	749.6	44.4	794.0	5.6	64.9
August	449.8	25.8	475.6	5.4	77.4	306.4	21.3	327.7	6.5	53.5	756.2	47.1	803.2	5.9	65.4
September	450.0	28.2	478.2	5.9	77.6	303.9	24.9	328.8	7.6	53.5	753.8	53.1	807.0	6.6	65.6
October	450.7	26.7	477.4	5.6	77.3	306.9	22.8	329.6	6.9	53.6	757.6	49.4	807.0	6.1	65.4
November	452.1	25.4	477.5	5.3	77.1	307.2	18.8	326.0	5.8	52.8	759.2	44.3	803.5	5.5	65.0
December	449.8	28.8	478.6	6.0	77.1	309.9	24.1	334.0	7.2	54.0	759.8	52.9	812.6	6.5	65.6
1990 —															
January	442.4	33.2	475.7	7.0	76.5	311.5	26.0	337.5	7.7	54.5	754.0	59.2	813.2	7.3	65.5
February	446.7	33.0	479.6	6.9	77.0	317.0	24.9	341.9	7.3	55.1	763.7	57.9	821.6	7.0	66.1
March	445.3	33.9	479.2	7.1	76.8	315.3	23.3	338.6	6.9	54.4	760.5	57.2	817.7	7.0	65.6
April	449.2	34.5	483.7	7.1	77.3	314.0	25.1	339.1	7.4	54.4	763.2	59.7	822.9	7.3	65.9
May	450.9	35.7	486.6	7.3	77.6	312.9	25.7	338.6	7.6	54.2	763.7	61.5	825.2	7.4	65.9
June	452.7	35.5	488.2	7.3	77.7	309.1	27.6	336.7	8.2	53.8	761.8	63.1	824.9	7.7	65.7
July	449.2	38.9	488.0	8.0	77.5	321.0	24.1	345.2	7.0	55.0	770.2	63.0	833.2	7.6	66.3
August	449.2	38.4	487.6	7.9	77.3	315.5	27.8	343.3	8.1	54.6	764.7	66.2	830.9	8.0	65.9
September	452.8	41.6	494.4	8.4	78.2	312.2	31.0	343.2	9.0	54.4	765.0	72.6	837.6	8.7	66.3
TASMANIA															
1989 —															
July	115.5	10.7	126.1	8.5	74.1	76.5	8.5	85.1	10.0	48.3	192.0	19.2	211.2	9.1	61.0
August	116.8	11.0	127.8	8.6	75.0	78.1	7.8	85.9	9.1	48.8	194.9	18.8	213.7	8.8	61.7
September	117.6	10.8	128.4	8.4	75.3	79.0	8.8	87.9	10.1	49.8	196.7	19.7	216.3	9.1	62.4
October	119.2	9.0	128.2	7.0	75.1	79.5	8.4	87.8	9.5	49.8	198.7	17.4	216.1	8.0	62.2
November	119.1	10.1	129.1	7.8	75.5	80.0	9.1	89.1	10.2	50.4	199.1	19.1	218.2	8.8	62.8
December	119.1	10.6	129.7	8.2	75.8	79.8	8.9	88.6	10.0	50.1	198.9	19.5	218.4	8.9	62.7
1990 —															
January	118.7	10.4	129.1	8.1	75.4	79.1	9.1	88.2	10.3	49.8	197.9	19.5	217.3	9.0	62.4
February	117.9	10.2	128.2	8.0	74.7	79.7	7.2	86.9	8.3	49.0	197.6	17.4	215.1	8.1	61.6
March	118.0	10.3	128.3	8.0	74.7	79.1	6.4	85.5	7.5	48.1	197.1	16.7	213.8	7.8	61.2
April	118.7	11.6	130.3	8.9	75.8	80.0	6.7	86.7	7.7	48.8	198.7	18.3	217.0	8.4	62.1
May	118.8	12.0	130.8	9.2	76.0	80.3	7.3	87.6	8.3	49.2	199.1	19.3	218.4	8.8	62.4
June	119.3	12.0	131.3	9.1	76.3	78.0	8.5	86.4	9.8	48.5	197.3	20.5	217.8	9.4	62.2
July	119.7	12.9	132.6	9.7	76.8	78.5	7.2	85.7	8.4	48.1	198.2	20.1	218.3	9.2	62.2
August	117.8	13.7	131.5	10.4	76.1	79.2	7.7	86.9	8.8	48.7	197.0	21.4	218.4	9.8	62.2
September	119.0	13.0	132.0	9.8	76.3	81.1	8.0	89.1	8.9	49.8	200.2	21.0	221.1	9.5	62.9

TABLE 11. CIVILIAN LABOUR FORCE, STATES: TREND SERIES

Month	Males					Females					Persons				
	Employed	Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate cent -	Employed	Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate cent -	Employed	Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate cent -
	NEW SOUTH WALES														
1989 —															
July	1,549.7	96.5	1,646.2	5.9	74.6	1,049.0	78.2	1,127.2	6.9	49.5	2,598.7	174.7	2,773.4	6.3	61.8
August	1,555.7	95.2	1,650.9	5.8	74.7	1,053.7	76.1	1,129.8	6.7	49.5	2,609.3	171.3	2,780.6	6.2	61.9
September	1,559.4	93.9	1,653.3	5.7	74.8	1,057.4	73.8	1,131.2	6.5	49.6	2,616.8	167.7	2,784.5	6.0	62.0
October	1,560.5	93.1	1,653.7	5.6	74.7	1,059.8	72.3	1,132.1	6.4	49.6	2,620.3	165.4	2,785.8	5.9	62.0
November	1,559.0	93.3	1,652.3	5.6	74.6	1,060.7	71.9	1,132.6	6.3	49.6	2,619.7	165.2	2,784.9	5.9	61.9
December	1,555.1	94.4	1,649.5	5.7	74.5	1,060.1	72.3	1,132.4	6.4	49.5	2,615.2	166.7	2,781.9	6.0	61.8
1990 —															
January	1,550.0	95.8	1,645.8	5.8	74.2	1,059.1	73.1	1,132.2	6.5	49.5	2,609.0	168.9	2,777.9	6.1	61.7
February	1,545.6	96.9	1,642.5	5.9	74.0	1,059.4	74.3	1,133.7	6.6	49.5	2,605.0	171.2	2,776.2	6.2	61.6
March r	1,543.1	97.6	1,640.7	5.9	73.9	1,062.2	75.4	1,137.6	6.6	49.6	2,605.3	173.0	2,778.3	6.2	61.6
April r	1,543.4	98.2	1,641.6	6.0	73.9	1,067.1	76.3	1,143.4	6.7	49.8	2,610.5	174.5	2,785.0	6.3	61.7
May r	1,546.6	99.0	1,645.6	6.0	73.9	1,072.6	77.1	1,149.7	6.7	50.1	2,619.2	176.1	2,795.3	6.3	61.8
June r	1,551.2	100.8	1,652.0	6.1	74.1	1,077.1	77.9	1,155.0	6.7	50.2	2,628.2	178.7	2,807.0	6.4	62.0
July r	1,555.6	103.4	1,659.1	6.2	74.4	1,079.5	78.9	1,158.4	6.8	50.3	2,635.1	182.3	2,817.4	6.5	62.2
August r	1,559.5	106.3	1,665.9	6.4	74.6	1,080.4	79.6	1,160.1	6.9	50.4	2,640.0	186.0	2,826.0	6.6	62.3
September	1,562.8	109.2	1,672.0	6.5	74.8	1,080.0	80.8	1,160.8	7.0	50.3	2,642.9	190.0	2,832.9	6.7	62.4
VICTORIA															
1989 —															
July	1,206.1	50.7	1,256.8	4.0	75.7	851.7	51.8	903.4	5.7	52.5	2,057.8	102.5	2,160.3	4.7	63.9
August	1,207.5	50.8	1,258.4	4.0	75.7	855.5	51.5	907.1	5.7	52.7	2,063.0	102.4	2,165.4	4.7	64.0
September	1,209.2	51.1	1,260.3	4.1	75.7	858.7	51.5	910.2	5.7	52.8	2,067.9	102.6	2,170.5	4.7	64.0
October	1,210.9	51.1	1,261.9	4.0	75.7	861.4	51.8	913.2	5.7	52.9	2,072.3	102.8	2,175.1	4.7	64.1
November	1,212.5	50.7	1,263.2	4.0	75.7	864.0	52.2	916.3	5.7	53.0	2,076.5	102.9	2,179.4	4.7	64.2
December	1,213.8	50.4	1,264.3	4.0	75.7	866.8	52.4	919.1	5.7	53.1	2,080.6	102.8	2,183.4	4.7	64.2
1990 —															
January	1,215.1	50.6	1,265.7	4.0	75.7	869.4	52.0	921.3	5.6	53.2	2,084.5	102.6	2,187.0	4.7	64.3
February	1,216.6	51.8	1,268.4	4.1	75.8	872.2	51.3	923.4	5.6	53.3	2,088.8	103.0	2,191.8	4.7	64.3
March r	1,218.4	53.9	1,272.3	4.2	75.9	875.2	51.3	926.5	5.5	53.4	2,093.6	105.2	2,198.8	4.8	64.5
April r	1,219.6	57.3	1,276.8	4.5	76.1	877.7	52.8	930.5	5.7	53.5	2,097.3	110.0	2,207.3	5.0	64.6
May r	1,219.0	61.8	1,280.8	4.8	76.3	879.2	55.7	934.9	6.0	53.7	2,098.2	117.5	2,215.7	5.3	64.8
June r	1,216.2	67.3	1,283.5	5.2	76.3	880.0	59.2	939.2	6.3	53.9	2,096.2	126.5	2,222.7	5.7	64.9
July r	1,212.1	73.0	1,285.1	5.7	76.3	880.2	63.0	943.2	6.7	54.0	2,092.3	136.0	2,228.3	6.1	65.0
August r	1,207.5	78.5	1,286.0	6.1	76.2	879.7	66.5	946.1	7.0	54.1	2,087.2	144.9	2,232.1	6.5	65.0
September	1,203.0	83.5	1,286.5	6.5	76.1	879.0	69.6	948.6	7.3	54.2	2,082.0	153.1	2,235.1	6.8	65.0

TABLE 11. CIVILIAN LABOUR FORCE, STATES: TREND SERIES —continued

Month	Males					Females					Persons				
	Employed	Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate cent -	Employed	Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate cent -	Employed	Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate cent -
	QUEENSLAND														
1989 —															
July	766.7	50.5	817.2	6.2	75.8	516.2	44.4	560.6	7.9	51.1	1,282.9	94.9	1,377.8	6.9	63.3
August	771.2	50.2	821.3	6.1	75.9	519.0	45.7	564.7	8.1	51.3	1,290.1	95.9	1,386.0	6.9	63.5
September	775.5	49.8	825.4	6.0	76.1	522.1	46.6	568.7	8.2	51.5	1,297.6	96.4	1,394.1	6.9	63.7
October	779.5	49.4	829.0	6.0	76.2	525.8	47.0	572.9	8.2	51.7	1,305.3	96.5	1,401.8	6.9	63.8
November	782.7	49.4	832.1	5.9	76.2	530.0	47.0	577.0	8.1	51.9	1,312.6	96.4	1,409.0	6.8	64.0
December	784.5	50.1	834.6	6.0	76.2	533.7	46.4	580.2	8.0	52.1	1,318.2	96.5	1,414.8	6.8	64.0
1990 —															
January	784.8	51.9	836.7	6.2	76.2	536.6	45.7	582.3	7.8	52.1	1,321.5	97.5	1,419.0	6.9	64.1
February	784.0	54.6	838.6	6.5	76.2	538.5	45.1	583.6	7.7	52.1	1,322.5	99.7	1,422.2	7.0	64.1
March r	782.5	58.1	840.6	6.9	76.2	539.8	45.3	585.1	7.7	52.1	1,322.3	103.3	1,425.6	7.2	64.1
April r	781.1	61.5	842.7	7.3	76.2	541.0	46.2	587.3	7.9	52.2	1,322.2	107.8	1,429.9	7.5	64.1
May r	780.3	64.5	844.9	7.6	76.2	542.6	47.7	590.3	8.1	52.4	1,322.9	112.3	1,435.2	7.8	64.2
June r	780.2	66.9	847.1	7.9	76.3	544.4	49.3	593.7	8.3	52.5	1,324.6	116.2	1,440.7	8.1	64.3
July r	780.6	68.6	849.2	8.1	76.3	545.8	50.8	596.7	8.5	52.7	1,326.5	119.4	1,445.9	8.3	64.4
August r	781.3	69.9	851.2	8.2	76.3	546.9	52.1	599.0	8.7	52.8	1,328.2	122.0	1,450.2	8.4	64.5
September	782.4	70.5	852.9	8.3	76.3	547.4	53.3	600.7	8.9	52.8	1,329.8	123.9	1,453.7	8.5	64.5
SOUTH AUSTRALIA															
1989 —															
July	385.2	30.1	415.2	7.2	74.9	269.5	20.7	290.1	7.1	50.8	654.6	50.7	705.4	7.2	62.7
August	386.5	29.0	415.6	7.0	74.9	270.2	20.7	290.8	7.1	50.9	656.7	49.7	706.4	7.0	62.7
September	387.6	28.1	415.7	6.8	74.8	270.2	20.8	291.0	7.1	50.9	657.8	48.9	706.7	6.9	62.7
October	388.1	27.7	415.8	6.7	74.8	269.7	21.0	290.7	7.2	50.8	657.8	48.7	706.5	6.9	62.6
November	387.9	27.8	415.7	6.7	74.7	268.9	21.4	290.3	7.4	50.6	656.8	49.1	705.9	7.0	62.5
December	387.3	28.1	415.4	6.8	74.5	268.3	21.6	290.0	7.5	50.5	655.6	49.7	705.4	7.1	62.3
1990 —															
January	386.8	28.6	415.3	6.9	74.4	268.3	21.6	289.9	7.4	50.5	655.0	50.2	705.2	7.1	62.3
February	386.9	28.9	415.9	7.0	74.5	268.6	21.3	289.9	7.3	50.4	655.5	50.2	705.7	7.1	62.3
March r	388.0	29.2	417.2	7.0	74.6	269.1	20.9	290.0	7.2	50.4	657.2	50.1	707.2	7.1	62.3
April r	389.5	29.5	419.0	7.0	74.9	269.7	20.8	290.6	7.2	50.4	659.2	50.3	709.5	7.1	62.5
May r	390.7	30.1	420.8	7.1	75.1	270.5	21.2	291.6	7.3	50.6	661.2	51.2	712.4	7.2	62.7
June r	391.2	30.8	422.0	7.3	75.3	271.6	21.8	293.4	7.4	50.8	662.8	52.6	715.4	7.4	62.9
July r	390.9	31.7	422.6	7.5	75.3	273.0	22.6	295.6	7.6	51.2	663.9	54.3	718.1	7.6	63.0
August r	389.9	32.7	422.6	7.7	75.2	274.5	23.3	297.8	7.8	51.5	664.4	56.0	720.4	7.8	63.2
September	388.4	33.7	422.1	8.0	75.0	276.0	24.2	300.2	8.1	51.9	664.4	57.9	722.3	8.0	63.3



TABLE 11. CIVILIAN LABOUR FORCE, STATES: TREND SERIES —continued

Month	Males					Females					Persons				
	Employed	Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate cent -	Employed	Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate cent -	Employed	Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate cent -
WESTERN AUSTRALIA															
1989 —															
July	448.0	25.0	473.0	5.3	77.2	302.2	20.8	323.1	6.5	52.9	750.2	45.9	796.1	5.8	65.0
August	449.1	25.6	474.6	5.4	77.2	303.6	21.4	325.0	6.6	53.1	752.7	47.0	799.6	5.9	65.1
September	450.0	26.2	476.2	5.5	77.2	304.9	22.0	326.9	6.7	53.2	754.9	48.1	803.1	6.0	65.3
October	450.2	27.0	477.2	5.7	77.2	306.5	22.5	329.0	6.8	53.4	756.7	49.5	806.2	6.1	65.4
November	449.5	28.1	477.6	5.9	77.1	308.5	23.0	331.4	6.9	53.7	758.0	51.0	809.0	6.3	65.4
December	448.2	29.5	477.7	6.2	77.0	310.6	23.4	334.0	7.0	54.0	758.8	52.9	811.7	6.5	65.5
1990 —															
January	447.0	31.0	478.0	6.5	76.9	312.4	23.9	336.2	7.1	54.3	759.4	54.9	814.3	6.7	65.6
February	446.7	32.5	479.2	6.8	76.9	313.5	24.4	338.0	7.2	54.4	760.2	56.9	817.1	7.0	65.7
March r	447.1	33.8	480.9	7.0	77.0	314.2	24.8	339.1	7.3	54.5	761.3	58.7	820.0	7.2	65.8
April r	448.2	34.8	483.0	7.2	77.2	314.4	25.2	339.5	7.4	54.5	762.5	60.0	822.6	7.3	65.9
May r	449.4	35.7	485.1	7.4	77.4	314.3	25.5	339.8	7.5	54.4	763.8	61.2	825.0	7.4	65.9
June r	450.4	36.7	487.1	7.5	77.5	314.3	26.1	340.4	7.7	54.4	764.7	62.8	827.5	7.6	66.0
July r	450.9	37.9	488.8	7.8	77.6	314.5	27.0	341.4	7.9	54.4	765.4	64.9	830.2	7.8	66.0
August r	451.2	39.1	490.3	8.0	77.7	314.6	27.9	342.5	8.1	54.4	765.8	67.0	832.7	8.0	66.1
September	451.5	40.1	491.6	8.2	77.7	314.7	28.8	343.5	8.4	54.5	766.3	68.9	835.2	8.3	66.1
TASMANIA															
1989 —															
July	115.8	10.9	126.7	8.6	74.5	76.8	8.0	84.8	9.5	48.2	192.6	19.0	211.6	9.0	61.1
August	116.8	10.7	127.4	8.4	74.8	78.0	8.3	86.3	9.6	49.0	194.8	18.9	213.7	8.9	61.7
September	117.7	10.4	128.1	8.1	75.1	78.9	8.6	87.5	9.8	49.6	196.6	19.0	215.6	8.8	62.2
October	118.5	10.2	128.6	7.9	75.3	79.4	8.8	88.2	10.0	50.0	197.9	18.9	216.8	8.7	62.4
November	118.9	10.0	128.9	7.8	75.4	79.6	8.8	88.4	9.9	50.0	198.5	18.8	217.3	8.7	62.5
December	118.9	10.1	129.0	7.8	75.3	79.7	8.5	88.3	9.7	49.9	198.6	18.6	217.2	8.6	62.4
1990 —															
January	118.7	10.2	128.9	7.9	75.2	79.7	8.1	87.8	9.3	49.6	198.4	18.3	216.8	8.5	62.2
February	118.5	10.5	129.0	8.1	75.2	79.6	7.7	87.3	8.8	49.2	198.2	18.1	216.3	8.4	62.0
March r	118.5	10.8	129.3	8.4	75.3	79.5	7.3	86.8	8.4	48.9	198.0	18.1	216.1	8.4	61.9
April r	118.6	11.3	129.9	8.7	75.6	79.3	7.1	86.5	8.3	48.7	197.9	18.4	216.4	8.5	61.9
May r	118.8	11.8	130.6	9.0	75.9	79.2	7.2	86.5	8.4	48.6	198.0	19.0	217.0	8.8	62.0
June r	118.9	12.3	131.2	9.4	76.2	79.2	7.4	86.6	8.6	48.6	198.1	19.7	217.8	9.1	62.2
July r	119.0	12.8	131.7	9.7	76.4	79.3	7.6	86.9	8.8	48.7	198.2	20.4	218.6	9.3	62.3
August r	119.0	13.1	132.1	10.0	76.5	79.4	7.8	87.2	9.0	48.9	198.4	21.0	219.3	9.6	62.4
September	118.9	13.4	132.3	10.1	76.5	79.7	8.0	87.6	9.1	49.0	198.6	21.4	220.0	9.7	62.5

## GLOSSARY

*Attending school:* Persons aged 15 to 19 who, during the reference week, were enrolled full time at secondary or high schools.

*Attending tertiary educational institution full time:* Persons aged 15 to 24 who, during the reference week, were enrolled full time at universities, colleges of advanced education, technical colleges, colleges of technical and further education and theological colleges.

*Employed:* Persons aged 15 and over who, during the reference week:

- (a) worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (comprising employees, employers and self-employed persons); or
- (b) worked for one hour or more without pay in a family business or on a farm (i.e. unpaid family helpers); or
- (c) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the 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
- (d) were employers, self-employed persons or unpaid family helpers who had a job, business or farm, but were not at work.

*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.

*Labour force:* For any group, persons who were employed or unemployed, as defined.

*Labour force status:* A classification of the civilian population aged 15 and over into employed, unemployed or not in the labour force, as defined. The definitions conform closely to the international standard definitions adopted by the International Conferences of Labour Statisticians.

*Not in the labour force:* Persons who were not in the categories employed or unemployed as defined.

*Participation rate:* For any group, the labour force expressed as a percentage of the civilian population aged 15 and over in the same group.

*Part-time workers:* Employed persons who usually worked less than 35 hours a week and who did so during the reference week.

*Seasonally adjusted series:* A time series of estimates with the estimated effects of normal seasonal variation removed. See paragraphs 13 and 14 of the Explanatory Notes for more detail.

*Trend series:* A smoothed seasonally adjusted series of estimates. See paragraphs 15 to 17 of the Explanatory Notes for more detail.

*Unemployed:* Persons aged 15 and over who were not employed during the reference week, and:

- (a) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the reference week and:
  - (i) 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
  - (ii) 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
- (b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the reference week (including the whole of the reference week) for reasons other than bad weather or plant breakdown.

*Unemployed looking for first full-time job:* Unemployed persons looking for full-time work (as defined) who had never worked full time for two weeks or more.

*Unemployed looking for full-time work:* Unemployed persons who actively looked for full-time work or were to resume a full-time job, from which they had been stood down.

*Unemployed looking for part-time work:* Unemployed persons who had actively looked for part-time work only, or were to resume a part-time job, from which they had been stood down.

*Unemployment rate:* For any group, the number of unemployed persons expressed as a percentage of the labour force in the same group.

## EXPLANATORY NOTES

### Introduction

This publication contains preliminary estimates of the civilian labour force derived from the labour force survey part of the monthly population survey. Estimates for the current month are preliminary and subject to revision. Revised estimates for the current month and more detailed estimates will be published in *The Labour Force, Australia* (6203.0).

### The population survey

2. The population survey is based on a multi-stage area sample of private dwellings (about 31,000 houses, flats, etc.) and a list sample of non-private dwellings (hotels, motels, etc.), and covers about three-fifths of one per cent of the population of Australia. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the reference week).

### Scope

3. 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 dependents) stationed in Australia.

### Coverage

4. 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 coverage rules are, necessarily, a balance between theoretical and operational considerations. Nevertheless, the chance of a person being enumerated at two separate dwellings in the survey is considered to be negligible.

### Population benchmarks

5. New benchmarks based on the results of the 1986 Census of Population and Housing were introduced in the February 1989 issue of this publication. Labour force estimates were revised for the period January 1984 to January 1989. All estimates produced after January 1989 are based on the new benchmarks.

### Revision of series

6. From April 1986, the definition of employed persons was changed to include persons who worked without pay between 1 and 14 hours per week in a family business or

on a farm (i.e. unpaid family helpers). For further information, see paragraphs 36 and 37 of the Explanatory Notes to the February 1987 issue of *The Labour Force, Australia* (6203.0).

### Survey sample redesign

7. The LFS sample was redesigned and reselected using information collected in the 1986 Census of Population and Housing. The new sample was phased in over the period September 1987 to December 1987. For details, see *Information Paper - Labour Force Survey - Sample Design* (6269.0).

### Reliability of the estimates

8. 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. One measure of the likely difference resulting from not including all dwellings in the survey is given by the *standard error*. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included in the survey, and about nineteen chances in twenty that the difference will be less than two standard errors.

9. Standard errors of estimates for the latest month and of estimates of movements since the previous month are shown in the tables. Standard errors of other estimates and other movements may be determined by using information in the Technical Note in *The Labour Force, Australia* (6203.0).

10. The smaller the estimate the higher is the relative standard error. Very small estimates are subject to high standard errors (relative to the size of the estimate) which detract seriously from their value for most reasonable uses. In the tables in this publication, only estimates with relative standard errors of 25 per cent 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 (eg. \* 3.4) to indicate they are subject to high standard errors and should be used with caution.

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

- (a) An estimate of 300,000 unemployed males looking for full-time work has a standard error of about 6,900. Therefore there are about two chances in

three that the number that would have been produced if all dwellings had been included in the survey will be within the range 293,100 to 306,900 and about nineteen chances in twenty that the number will be within the range 286,200 to 313,800.

- (b) On an estimate of movement of +28,300 in the number of unemployed males looking for full-time work from one month to the next (with the highest of the two monthly level estimates being 300,000) the standard error is about 5,300. Therefore, there are about two chances in three that if all dwellings had been included in the surveys the movement would have been within the range +23,000 to +33,600, and about nineteen chances in twenty that it would have been within the range +17,700 to +38,900.

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

#### Seasonal adjustment and trend estimation

13. Seasonally adjusted series are published in Tables 2, 5 and 10. 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 more clearly recognised. Seasonal adjustment does not aim to remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

14. It is possible that the seasonality of employment, unemployment and labour force participation has been affected by the changed pattern of school holidays in some States. The impact of these changes on seasonally adjusted estimates of labour force characteristics cannot be assessed at this stage. Trend estimates are expected to be relatively unaffected by these changes.

15. Smoothing seasonally adjusted series produces a measure of trend by reducing the impact of the irregular component of the series. The trend estimates have been derived by applying a 13-term Henderson-weighted moving average to the series. Trend series are used to analyse the underlying behaviour of the series over time. These are published in Tables 3, 6 and 11.

16. While this smoothing technique enables estimates to be produced for 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 have a negligible impact on the series. There will also be revisions as a result of the annual review of seasonal factors.

17. Users may wish to refer to the ABS Information Papers *A Guide to Smoothing Time Series - Estimates of 'Trend'* (1316.0), and *Time Series Decomposition - an Overview* (1317.0) for more detailed information on smoothing of seasonally adjusted time series data.

#### Semi-logarithmic graphs

18. Graphs on page 2 have been drawn using a logarithmic vertical scale to aid comparisons of rates of growth in series of differing magnitude. Equal distances on the vertical scale (over equal time periods) indicate equal rates of growth for graphs on the same page.

#### Related publications

19. Users may also wish to refer to *The Labour Force, Australia* (6203.0). This publication contains a detailed list of related publications which are available on request.

20. 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 *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

#### Unpublished statistics

21. As well as the statistics included in this and related publications, the ABS may have other relevant unpublished data available. Inquiries should be made to Don Clark on Canberra (06) 252 6525 or any ABS State office.

#### Symbols and other usages

\* subject to sampling variability too high for most practical uses. See the Technical Note in 6203.0 for more details.

. . not applicable

r revised

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

#### Electronic services

DISCOVERY. Key \*656# for selected current economic, social and demographic statistics.

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- text and tables for selected Main Economic Indicator publications. Further information is available on (06) 252 5405.

#### **Floppy disk service**

Selected ABS statistics are available on floppy disk. Further information is available on information phone (06) 252 6684.

#### **Forthcoming issues**

23. The following table shows the dates on which *The Labour Force, Australia, Preliminary*, (6202.0) publication is scheduled to be released.

Issue	Release Date
1990 October	8th November 1990
November	13th December 1990
December	17th January 1991
1991 January	14th February 1991
February	14th March 1991
March	11th April 1991

**IAN CASTLES**  
Australian Statistician

## ***CAREER PATHS OF TRADESPERSONS, AUSTRALIA, 1989***

This recently released publication provides current information from a household based survey on persons with trade qualifications recognised in Australia.

The publication features information on:

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- when, and in what field, the trade qualification was obtained
- employment status, including industry and occupation details
- occupational mobility

The publication also includes a full list of the extensive range of data items collected in the Survey.

*Career Paths of Persons with Trade Qualifications, Australia, 1989*  
(6243.0), \$12.50.

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# More labour force data...

## UNPUBLISHED DATA

- **Contact** Don Clark (06) 252 6525

Much more information about the labour force can be made available, subject to statistical reliability. Time series can be printed on paper, for \$5 per series. Tailor-made tables are available on paper or on floppy disk (cost depends on table complexity). Data items available include:

Employed persons  
Unemployed persons  
Participation rate  
Unemployment rate  
Persons not in the labour force

These items can be further classified by:

Sex	Hours worked
Age	Industry
Marital Status	Occupation
Country of birth	Duration of Unemployment
Period of arrival	State/Territory
Status of Worker	Dissemination Region
Full time/part time status	and more...

You can also get ABS monthly labour force survey data in these ways:

## DISCOVERY

- **Contact** Ross Crossman (06) 252 6619  
Available via Telecom's videotext system, key \*656#  
Instantly updated on the day of release  
Selected main statistics available  
15¢ per data frame, 30¢ for Balance of Payments and Consumer Price Index  
**User requires** modem, microcomputer and subscription to VIATEL

## AUSSTATS

- **Contact** Peter Davidson (06) 252 6017  
On-line data access to time series via PAXUS COMNET

## TELESTATS

- **Contact** Mark Gore (06) 252 5405  
Download tables from publications like 6202.0 on the day of release via Telecom's KEYLINK service  
**User requires** modem, microcomputer

## FLOPPY DISKS

- **Contact** Terry Turner (06) 252 6684  
Selected time series data in standard or tailored formats; OR  
*The Labour Force, Australia, Preliminary* (6271.0): time series from the bulletin 6202.0 in standard format  
From \$60 per floppy disk  
**User requires** IBM compatible micro + DOS 2.11 or later

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\$12 per fiche, discount for volume or annual subscription  
Photocopy extracts available at 75¢ per frame  
**User requires** fiche reader

