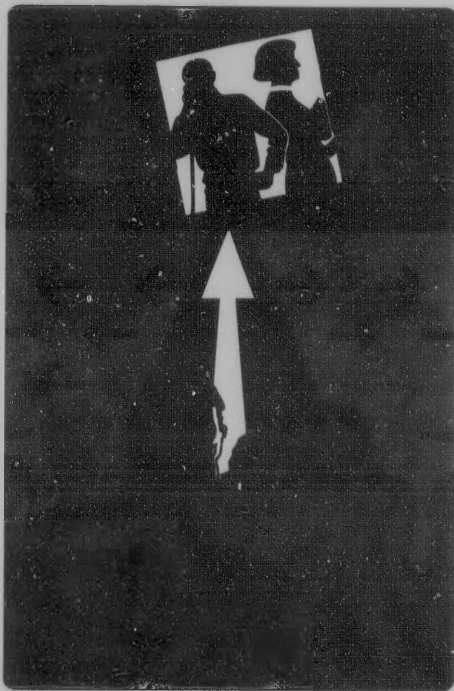




February 1991



THE LABOUR FORCE

NEW SOUTH WALES

CATALOGUE No. 6201.1

EMBARGOED UNTIL 11.30 a.m. 30 APRIL 1991

**THE LABOUR FORCE
NEW SOUTH WALES
FEBRUARY 1991**

JOHN WILSON
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AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 6201.1

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SUMMARY OF FINDINGS

Seasonally adjusted

Note: Seasonal adjustment factors, used in Table 2, have been revised since the last issue of this publication. See Explanatory Note 21 or, for further information, refer to the February 1991 issue of *The Labour Force, Australia* (Cat. no. 6203.0).

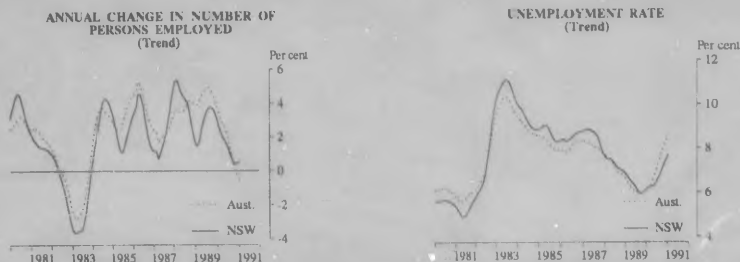
- The unemployment rate for NSW was 7.9 per cent in February 1991 compared to 6.6 per cent in February 1990. This was the highest unemployment rate since April 1988.
- The number of unemployed rose 22.5 per cent over the year to 224,700 persons, the largest number since October 1987.
- From February 1990 to February 1991, total employment rose by 0.6 per cent to 2,613,700 persons.

	Unit of quantity	February 1990	December 1990	January 1991	February 1991	Annual change (a)
Unemployment rate	Per cent	6.6	7.4	7.4	7.9	1.3
Participation rate	Per cent	61.7	62.5	62.1	62.1	0.4
Unemployed	'000	183.5	210.6	211.1	224.7	22.5%
Employed	'000	2,599.1	2,634.7	2,625.1	2,613.7	0.6%

(a) For rates, the annual change is expressed as the difference in percentage points.

Trend series

- Annual growth in NSW employment has been slowing since mid-1989.
- The unemployment rate has increased each quarter since November 1989, rising more rapidly over the last two quarters.



Statistical regions of NSW

Note: Estimates for regions of the State are subject to high sampling variability. Caution should be used when analysing these estimates and their movements. See Technical Note, page 35.

Sydney Major Statistical Region

- The unemployment rate in February 1991 for Sydney (MSR) was 8.0 per cent. The highest unemployment rate was 14.0 per cent in Fairfield-Liverpool. Manly-Warringah had the lowest unemployment rate in Sydney at 4.8 per cent.
- The youth (persons aged 15-24 years) unemployment rate for Sydney (MSR) was 16.2 per cent in February 1991, up from 11.3 per cent in February 1990. Fairfield-Liverpool had the highest youth unemployment rate of 30 per cent.

Balance of NSW Major Statistical Region

- The unemployment rate in February 1991 for Balance of NSW (MSR) was 9.5 per cent. The highest unemployment rate was 14.2 per cent in Richmond-Tweed and Mid-North Coast with Wollongong the next highest at 10.4 per cent. The lowest unemployment rates were 8.0 per cent in Murray-Murrumbidgee and 8.4 per cent in Northern, North Western and Central West.
- The youth unemployment rate for Balance of NSW (MSR) was 16.8 per cent, the same as February 1990. Richmond-Tweed and Mid-North Coast had the highest youth unemployment rate with 23.7 per cent.

NOTE

This publication contains estimates of the civilian labour force in NSW derived from the labour force survey component of the monthly population survey, which is conducted on a sample basis throughout Australia.

Explanatory notes for the data contained within this publication can be found on page 33.

JOHN WILSON

Deputy Commonwealth Statistician

UNPUBLISHED OR CUSTOMISED DATA TO MEET YOUR SPECIAL REQUIREMENTS

- The ABS has a full range of Labour Force Survey data, collected monthly since February 1978. These include many detailed cross-classifications not included in this publication.
- For information on the availability of these unpublished data, please contact Jeffrey Middleton on (02) 268 4212.

SUPPLEMENTARY SURVEYS RELATING TO THE LABOUR FORCE

- The ABS conducts a range of surveys on labour market and other topics, as part of the monthly population survey program. The results of these surveys are released in national publications.
- Unpublished tables are also available, and the ABS provides a customised tabulation service to meet specific requirements.
- For more details: please contact Jeffrey Middleton on (02) 268 4212.
- Results from the following supplementary topics have recently been released:

Title of publication	Catalogue no.	Price (a) \$
<i>Labour Force Experience, Australia, March 1990</i>	6206.0	11.50
<i>Labour Mobility, Australia, February 1990</i>	6209.0	11.50
<i>Persons Not in the Labour Force, Australia, September 1990</i>	6220.0	11.50
<i>Job Search Experience of Unemployed Persons, Australia, July 1988</i>	6222.0	7.50
<i>Labour Force Status and Other Characteristics of Families, Australia, June 1990</i>	6224.0	8.00
<i>Transition from Education to Work, Australia, May 1990</i>	6227.0	12.50
<i>Labour Force Status and Educational Attainment, Australia, February 1990</i>	6235.0	12.50
<i>Retirement and Retirement Intentions, Australia, November 1989</i>	6238.0	8.00
<i>Career Paths of Persons with Trade Qualifications, Australia, 1989</i>	6243.0	12.50
<i>Labour Force Status and Other Characteristics of Migrants, Australia, September 1990</i>	6250.0	11.50
<i>Persons who had re-entered the Labour Force, Australia, May 1990</i>	6264.0	10.50
<i>Underemployed Workers, Australia, May 1988</i>	6265.0	5.00
<i>Persons Who Have Left the Labour Force, Australia, April 1988</i>	6267.0	11.50
<i>Labour Force Status and Educational Attendance, Australia, September 1989</i>	6272.0	8.00
<i>Persons Employed at Home, Australia, April 1989</i>	6275.0	11.50
<i>Career Paths of Qualified Nurses, Australia, March to July 1989</i>	6277.0	12.50
<i>How Workers Get Their Training, Australia, 1989</i>	6278.0	12.50
<i>Weekly Earnings of Employees (Distribution), Australia, August 1990</i>	6310.0	11.50
<i>Annual and Long Service Leave Taken, Australia, May 1988 to April 1989</i>	6317.0	11.50
<i>Superannuation, Australia, November 1988</i>	6319.0	8.50
<i>Trade Union Members, Australia, August 1990</i>	6325.0	11.50
<i>Employment Benefits, Australia, August 1990</i>	6334.0	11.50

(a) Prices quoted are subject to revision.

- These and other ABS publications can be obtained from your nearest ABS Bookshop.

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TREND SERIES, NSW (a)

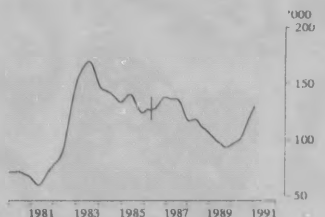
EMPLOYED MALES



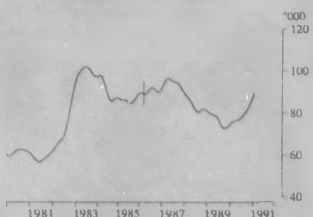
EMPLOYED FEMALES



UNEMPLOYED MALES



UNEMPLOYED FEMALES



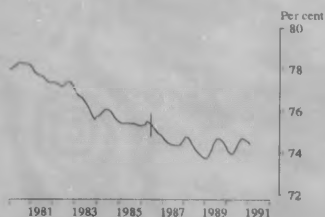
MALE UNEMPLOYMENT RATE



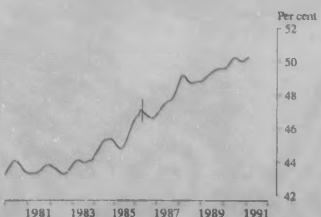
FEMALE UNEMPLOYMENT RATE



MALE PARTICIPATION RATE



FEMALE PARTICIPATION RATE



(a) Comparisons between these graphs should not be made, as their vertical axes are not similarly scaled.

! Indicates a change in definition. See explanatory notes 6.

TABLE 1. LABOUR FORCE STATUS, NSW

Month	Employed		Unemployed			Labour force ('000)	Not in labour force ('000)	Civilian population aged 15 and over ('000)	Unemployment rate (per cent)	Participation rate (per cent)	
	Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Looking for part-time work ('000)						Total ('000)
MALES											
February—											
1987	1,353.6	86.7	1,440.3	137.4	11.5	149.0	1,589.3	526.7	2,115.9	9.4	75.1
1988	1,401.6	91.4	1,493.0	107.4	10.5	117.9	1,610.9	548.0	2,159.0	7.3	74.6
1989	1,416.1	98.9	1,515.0	101.0	13.8	114.7	1,629.7	564.4	2,194.1	7.0	74.3
1989—											
December	1,451.9	119.7	1,571.5	84.6	8.9	93.5	1,665.1	549.8	2,214.9	5.6	75.2
1990—											
January	1,427.9	112.1	1,540.0	95.8	11.7	107.5	1,647.5	569.1	2,216.5	6.5	74.3
February	1,425.8	114.4	1,540.2	96.3	12.1	108.4	1,648.6	569.6	2,218.2	6.6	74.3
November	1,432.7	117.6	1,550.3	103.1	10.9	114.1	1,664.4	577.7	2,242.1	6.9	74.2
December	1,453.6	122.6	1,576.2	112.3	12.8	125.1	1,701.4	543.9	2,245.3	7.4	75.8
1991—											
January	1,418.7	111.7	1,530.3	125.6	11.8	137.4	1,667.7	580.4	2,248.1	8.2	74.2
February	1,420.9	115.8	1,536.7	131.1	13.2	144.3	1,681.0	569.9	2,250.9	8.6	74.7
MARRIED FEMALES											
February—											
1987	298.5	248.6	547.2	21.3	14.7	37.9	585.1	693.6	1,278.8	6.5	45.8
1988	344.4	253.3	597.7	22.0	13.8	35.8	633.5	671.0	1,304.5	5.6	48.6
1989	351.1	250.6	601.7	19.9	13.2	33.0	634.7	680.1	1,314.8	5.2	48.3
1989—											
December	366.2	283.9	650.1	14.4	10.0	24.3	674.5	656.7	1,331.1	3.6	50.7
1990—											
January	356.1	249.7	605.8	19.7	8.0	27.6	633.4	708.8	1,342.2	4.4	47.2
February	357.5	276.6	634.1	20.6	11.4	32.0	666.1	666.0	1,332.0	4.8	50.0
November	366.0	293.9	659.9	13.6	10.8	24.5	684.4	658.2	1,342.6	3.6	51.0
December	372.7	285.4	658.1	18.0	11.0	29.0	687.1	657.4	1,344.6	4.2	51.1
1991—											
January	368.7	252.4	621.1	22.3	10.0	32.3	653.4	698.2	1,351.5	4.9	48.3
February	364.0	285.5	649.5	23.1	15.4	38.6	688.1	668.1	1,356.2	5.6	50.7
ALL FEMALES											
February—											
1987	586.3	337.3	923.6	75.8	25.2	101.0	1,024.6	1,162.5	2,187.2	9.9	46.8
1988	649.1	346.0	995.1	65.3	27.5	92.8	1,087.9	1,142.4	2,230.3	8.5	48.8
1989	664.9	359.7	1,024.6	57.9	25.4	83.3	1,107.9	1,158.6	2,266.4	7.5	48.9
1989—											
December	679.8	401.7	1,081.5	49.9	18.7	68.6	1,150.1	1,136.2	2,286.3	6.0	50.3
1990—											
January	653.6	364.2	1,017.8	60.7	17.3	78.0	1,095.8	1,192.2	2,288.0	7.1	47.9
February	657.5	388.1	1,045.6	63.9	26.2	90.1	1,135.7	1,154.0	2,289.7	7.9	49.6
November	664.8	415.1	1,079.9	49.0	23.7	72.7	1,152.6	1,160.0	2,312.6	6.3	49.8
December	692.3	406.0	1,098.3	57.0	27.2	84.2	1,182.5	1,133.1	2,315.6	7.1	51.1
1991—											
January	689.5	351.3	1,040.8	65.8	25.0	90.8	1,131.6	1,186.6	2,318.2	8.0	48.8
February	663.6	399.7	1,063.3	65.1	33.8	98.9	1,162.2	1,158.5	2,320.8	8.5	50.1
PERSONS											
February—											
1987	1,939.9	424.0	2,363.9	213.2	36.7	250.0	2,613.9	1,689.2	4,303.1	9.6	60.7
1988	2,050.7	437.4	2,488.1	172.7	38.0	210.7	2,698.8	1,690.5	4,389.3	7.8	61.5
1989	2,081.0	458.6	2,539.5	158.9	39.1	198.0	2,737.5	1,723.0	4,460.6	7.2	61.4
1989—											
December	2,131.7	521.4	2,653.0	134.5	27.7	162.2	2,815.2	1,686.0	4,501.2	5.8	62.5
1990—											
January	2,081.4	476.3	2,557.8	156.4	29.1	185.5	2,743.3	1,761.3	4,504.5	6.8	60.9
February	2,083.3	502.5	2,585.8	160.2	38.3	198.5	2,784.2	1,723.7	4,507.9	7.1	61.8
November	2,097.6	532.6	2,630.2	152.1	34.6	186.7	2,816.9	1,737.7	4,554.6	6.6	61.8
December	2,145.9	528.7	2,674.6	169.3	40.0	209.3	2,883.9	1,677.0	4,560.9	7.3	63.2
1991—											
January	2,108.2	463.0	2,571.1	191.4	36.8	228.1	2,799.3	1,767.0	4,566.3	8.2	61.3
February	2,084.5	515.5	2,600.0	196.2	47.0	243.2	2,843.2	1,728.4	4,571.6	8.6	62.2

TABLE 2. LABOUR FORCE STATUS: SEASONALLY ADJUSTED AND TREND SERIES, NSW

Month	Seasonally adjusted series (a)					Trend series (b)				
	Employed ('000)	Unemp-loyed ('000)	Labour force ('000)	Unemp-loyment rate (per cent)	Partici-pation rate (per cent)	Employed ('000)	Unemp-loyed ('000)	Labour force ('000)	Unemp-loyment rate (per cent)	Partici-pation rate (per cent)
MALES										
February—										
1987	1,442.4	137.2	1,579.6	8.7	74.7	1,442.2	136.9	1,579.1	8.7	74.6
1988	1,495.5	108.4	1,603.9	6.8	74.3	1,497.0	116.5	1,613.5	7.2	74.7
1989	1,518.1	105.0	1,623.2	6.5	74.0	1,513.6	104.7	1,618.3	6.5	73.8
1989—										
December 1990—	1,555.0	93.9	1,648.9	5.7	74.4	1,554.4	94.1	1,648.4	5.7	74.4
January	1,555.7	97.8	1,653.5	5.9	74.6	1,550.5	95.3	1,645.8	5.8	74.2
February	1,543.4	98.9	1,642.3	6.0	74.0	1,547.3	96.4	1,643.7	5.9	74.1
March	1,540.1	98.6	1,638.7	6.0	73.8	1,545.4	97.3	1,642.7	5.9	74.0
April	1,541.9	98.8	1,640.7	6.0	73.8	1,545.6	98.2	1,643.8	6.0	74.0
May	1,552.1	95.7	1,647.8	5.8	74.0	1,548.1	99.1	1,647.1	6.0	74.0
June	1,551.0	96.7	1,647.7	5.9	74.0	1,551.6	100.6	1,652.2	6.1	74.2
July	1,559.1	106.4	1,665.6	6.4	74.7	1,555.0	103.4	1,658.4	6.4	74.5
August	1,553.0	108.9	1,661.9	6.6	74.4	1,557.5	106.9	1,664.4	6.2	74.3
September	1,563.2	112.3	1,675.4	6.7	74.9	1,558.0	111.1	1,669.0	6.7	74.7
October	1,555.8	109.5	1,665.3	6.6	74.4	1,556.8	115.2	1,672.1	6.9	74.7
November	1,551.7	121.4	1,673.1	7.3	74.6	1,554.7	119.2	1,673.9	7.1	74.7
December 1991—	1,559.5	125.8	1,685.3	7.5	75.1	1,551.9	123.1	1,674.9	7.3	74.6
January	1,546.4	124.9	1,671.2	7.5	74.3	1,548.8	126.5	1,675.3	7.6	74.5
February	1,539.8	131.6	1,671.4	7.9	74.3	1,546.0	129.5	1,675.5	7.7	74.4
FEMALES										
February—										
1987	931.7	91.2	1,022.9	8.9	46.8	935.3	92.6	1,027.9	9.0	47.0
1988	1,004.0	85.5	1,089.4	7.8	48.8	1,006.6	88.2	1,094.8	8.1	49.1
1989	1,034.1	77.6	1,111.8	7.0	49.1	1,027.8	80.2	1,108.0	7.2	48.9
1989—										
December 1990—	1,064.0	69.2	1,133.2	6.1	49.6	1,060.1	73.0	1,133.2	6.4	49.6
January	1,055.2	74.3	1,129.5	6.6	49.4	1,059.9	74.0	1,133.8	6.5	49.6
February	1,055.7	84.5	1,140.3	7.4	49.8	1,060.8	75.0	1,135.9	6.6	49.6
March	1,063.6	71.7	1,135.3	6.3	49.5	1,063.8	75.7	1,139.6	6.6	49.7
April	1,065.3	72.9	1,138.2	6.4	49.6	1,068.6	76.0	1,144.7	6.6	49.9
May	1,076.5	75.8	1,152.4	6.6	50.2	1,073.6	76.3	1,149.9	6.6	50.1
June	1,081.4	79.5	1,160.8	6.8	50.5	1,077.0	76.7	1,153.7	6.7	50.2
July	1,081.4	77.8	1,159.2	6.7	50.4	1,077.7	77.5	1,155.2	6.7	50.2
August	1,077.8	76.4	1,154.2	6.6	50.1	1,076.5	78.4	1,154.9	6.8	50.1
September	1,071.1	81.4	1,152.5	7.1	50.0	1,074.7	79.5	1,154.2	6.9	50.0
October	1,066.9	80.5	1,147.4	7.0	49.7	1,073.5	80.8	1,154.3	7.0	50.0
November	1,072.0	80.6	1,152.6	7.0	49.8	1,073.6	82.6	1,156.2	7.1	50.0
December 1991—	1,080.2	84.8	1,165.0	7.3	50.3	1,074.5	84.8	1,159.3	7.3	50.1
January	1,078.8	86.2	1,165.0	7.4	50.3	1,075.5	87.1	1,162.6	7.5	50.2
February	1,073.8	93.1	1,167.0	8.0	50.3	1,076.6	89.2	1,165.9	7.7	50.2
PERSONS										
February—										
1987	2,374.1	228.4	2,602.5	8.8	60.5	2,377.6	229.5	2,607.1	8.8	60.6
1988	2,499.4	193.9	2,693.3	7.2	61.4	2,503.6	204.7	2,708.3	7.6	61.7
1989	2,552.3	182.7	2,734.9	6.7	61.3	2,541.4	184.9	2,726.3	6.8	61.1
1989—										
December 1990—	2,618.9	163.1	2,782.1	5.9	61.8	2,614.5	167.1	2,781.6	6.0	61.8
January	2,610.9	172.1	2,783.0	6.2	61.8	2,610.4	169.2	2,779.6	6.1	61.7
February	2,599.1	183.5	2,782.6	6.6	61.7	2,608.1	171.4	2,779.5	6.2	61.7
March	2,603.6	170.3	2,773.9	6.1	61.5	2,609.3	173.0	2,782.3	6.2	61.7
April	2,607.2	171.7	2,778.9	6.2	61.5	2,614.1	174.2	2,788.4	6.2	61.7
May	2,628.6	171.6	2,800.2	6.1	61.9	2,621.7	175.3	2,800.9	6.3	61.9
June	2,632.4	176.2	2,808.6	6.3	62.0	2,628.6	177.3	2,806.9	6.3	62.0
July	2,640.6	182.2	2,822.8	6.5	62.3	2,632.7	180.8	2,813.6	6.4	62.1
August	2,630.8	185.3	2,816.1	6.6	62.1	2,633.9	185.4	2,819.3	6.6	62.1
September	2,634.3	193.7	2,828.0	6.8	62.3	2,632.6	190.6	2,823.2	6.8	62.2
October	2,622.7	194.0	2,816.7	6.8	62.0	2,630.4	196.0	2,826.4	6.9	62.1
November	2,623.7	202.0	2,825.7	7.1	62.1	2,628.3	201.8	2,830.1	7.1	62.1
December 1991—	2,639.7	210.6	2,850.3	7.4	62.5	2,626.4	207.8	2,834.3	7.3	62.1
January	2,625.1	211.1	2,836.2	7.4	62.1	2,624.3	213.6	2,837.9	7.5	62.1
February	2,613.7	224.7	2,838.4	7.9	62.1	2,622.6	218.7	2,841.3	7.7	62.2

(a) Seasonally adjusted data have been revised. (b) Trend series data for the most recent months have been revised. See Explanatory note 22.

TABLE 3. LABOUR FORCE STATUS AND AGE, NSW, FEBRUARY 1991

Age group (years)	Employed		Unemployed			Labour force (^{'000})	Not in labour force (^{'000})	Civilian population aged 15 and over (^{'000})	Unemp- loyment rate (per cent)	Partici- pation rate (per cent)	
	Full-time workers (^{'000})	Part-time workers (^{'000})	Total (^{'000})	Looking for full- time work (^{'000})	Looking for part- time work (^{'000})						Total (^{'000})
MALES											
15 — 19	71.4	32.6	104.0	23.2	7.2	30.4	134.5	98.3	232.8	22.6	57.8
20 — 24	154.8	15.0	169.7	25.6	* 2.6	28.2	197.9	22.0	219.9	14.2	90.0
25 — 34	388.0	18.6	406.6	34.2	* 0.8	35.0	441.5	25.4	466.9	7.9	94.6
35 — 44	386.2	12.4	398.6	25.2	* 0.3	25.5	424.0	22.4	446.4	6.0	95.0
45 — 54	270.1	11.6	281.8	11.9	* 1.1	13.0	294.8	35.8	330.5	4.4	89.2
55 — 59	82.4	6.1	88.5	5.1	* 0.2	6.1	94.6	35.0	129.6	6.5	73.0
60 — 64	52.2	9.2	61.3	4.8	* 0.5	5.3	66.7	63.3	130.0	8.0	51.3
65 and over	16.0	10.2	26.2	* 0.1	* 0.5	* 0.8	27.0	267.7	294.6	* 2.8	9.1
Total	1,420.9	115.8	1,536.7	131.1	13.2	144.3	1,681.0	569.9	2,250.9	8.6	74.7
MARRIED FEMALES											
15 — 19	* 1.9	* 0.0	* 1.9	* 0.8	* 0.0	* 0.8	* 2.7	* 1.9	4.7	* 29.1	* 58.3
20 — 24	29.8	7.6	37.4	* 2.3	* 0.6	* 2.9	40.4	23.8	64.2	* 7.3	62.9
25 — 34	105.0	81.9	186.9	8.8	6.4	15.2	202.1	133.1	335.2	7.5	60.3
35 — 44	124.0	105.2	229.1	6.4	6.4	12.8	241.9	112.6	354.5	5.3	68.2
45 — 54	80.1	64.3	144.5	* 3.7	* 1.8	5.5	150.0	99.5	249.4	3.7	60.1
55 — 59	16.3	16.1	32.4	* 1.1	* 0.3	* 1.3	33.8	61.8	95.6	* 3.9	35.3
60 — 64	* 4.3	6.8	11.1	* 0.0	* 0.0	* 0.0	11.1	76.3	87.4	* 0.0	12.7
65 and over	* 2.6	* 3.6	6.2	* 0.0	* 0.0	* 0.0	6.2	159.0	165.2	* 0.0	3.7
Total	364.0	285.5	649.5	23.1	15.4	38.6	688.1	668.1	1,356.2	5.6	50.7
ALL FEMALES											
15 — 19	48.7	48.6	97.3	16.1	10.7	26.9	124.2	99.1	223.3	21.6	55.6
20 — 24	121.6	30.6	152.2	13.2	* 3.9	17.1	169.3	46.9	216.2	10.1	78.3
25 — 34	183.5	96.1	279.6	15.8	8.1	23.9	303.5	164.7	468.3	7.9	64.8
35 — 44	163.4	118.6	281.9	12.8	8.5	21.2	303.2	136.6	439.7	7.0	68.9
45 — 54	107.7	72.7	180.4	6.2	* 2.4	8.5	188.9	124.4	313.3	4.5	60.3
55 — 59	25.9	18.2	44.1	* 1.1	* 0.3	* 1.3	45.4	81.4	126.8	* 2.9	35.8
60 — 64	9.0	8.4	17.4	* 0.0	* 0.0	* 0.0	17.4	114.2	131.6	* 0.0	13.3
65 and over	* 3.8	6.5	10.3	* 0.0	* 0.0	* 0.0	10.3	391.3	401.6	* 0.0	2.6
Total	663.6	399.7	1,063.3	65.1	33.8	98.9	1,162.2	1,158.5	2,320.8	8.5	50.1
PERSONS											
15 — 19	120.1	81.3	201.4	39.3	18.0	57.3	258.7	197.4	456.1	22.2	56.7
20 — 24	276.4	45.6	322.0	38.7	6.5	45.2	367.2	69.0	436.2	12.3	84.2
25 — 34	571.5	114.7	686.2	50.0	8.8	58.9	745.1	190.1	935.2	7.9	79.7
35 — 44	549.5	131.0	680.5	38.0	8.7	46.7	727.2	158.9	886.1	6.4	82.1
45 — 54	377.8	84.3	462.1	18.1	* 3.4	21.5	483.7	160.1	643.8	4.5	75.1
55 — 59	108.2	24.3	132.6	7.0	* 0.5	7.5	140.0	116.4	256.5	5.3	54.6
60 — 64	61.2	17.6	78.8	4.8	* 0.5	5.3	84.1	177.5	261.6	6.3	32.2
65 and over	19.8	16.7	36.5	* 0.3	* 0.5	* 0.8	37.2	659.0	696.2	* 2.0	5.3
Total	2,084.5	515.5	2,600.0	196.2	47.0	243.2	2,843.2	1,728.4	4,571.6	8.6	62.2

TABLE 4. PERSONS AGED 15 TO 24: LABOUR FORCE STATUS AND FULL-TIME ATTENDANCE AT SCHOOL OR A TERTIARY EDUCATIONAL INSTITUTION, NSW, FEBRUARY 1991

Age (years)	Employed			Unemployed			Labour force ('000)	Not in labour force ('000)	Civilian population ('000)	Unemployment rate (per cent)	Participation rate (per cent)
	Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Looking for part-time work ('000)	Total ('000)					
ATTENDING SCHOOL OR A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME											
15—19	8.7	61.3	70.0	* 4.0	16.9	20.9	90.9	168.9	259.9	23.0	35.0
15	* 0.3	14.5	14.8	* 0.8	5.3	6.1	20.9	59.1	80.0	29.1	26.0
16	* 0.0	15.1	15.1	* 0.5	* 4.4	4.9	20.0	51.4	71.4	24.5	28.0
17	* 0.9	11.9	12.9	* 0.5	* 3.1	* 3.6	16.4	32.7	49.2	* 21.7	33.4
18	* 2.1	10.3	12.4	* 1.7	* 2.5	* 4.3	16.7	16.2	33.0	* 25.5	50.7
19	5.4	9.4	14.8	* 0.5	* 1.6	* 2.1	16.9	9.4	26.4	* 12.7	64.3
20—24	10.6	14.5	25.2	* 2.4	* 3.3	5.6	30.8	19.8	50.6	18.3	60.9
20	* 3.6	6.6	10.3	* 0.2	* 1.3	* 1.6	11.8	9.5	21.3	* 13.1	55.6
21	* 2.7	4.9	7.5	* 0.5	* 1.7	* 2.2	9.8	4.6	14.4	* 22.8	68.1
22	* 2.6	* 0.8	* 3.4	* 1.1	* 0.2	* 1.3	4.7	* 3.6	8.3	* 27.8	56.5
23	* 0.9	* 0.8	* 1.7	* 0.3	* 0.0	* 0.3	* 2.1	* 1.0	* 3.0	* 15.8	* 68.0
24	* 0.8	* 1.4	* 2.2	* 0.2	* 0.0	* 0.2	* 2.5	* 1.2	* 3.7	* 9.7	* 67.4
Total aged 15—24	19.3	75.8	95.1	6.4	20.2	26.6	121.7	188.7	310.5	21.8	39.2
NOT ATTENDING SCHOOL OR A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME (a)											
15—19	111.4	20.0	131.4	35.3	* 1.1	36.4	167.7	28.5	196.2	21.7	85.3
15	* 1.5	* 0.3	* 1.8	* 2.1	* 0.0	* 2.1	* 3.8	* 1.1	4.9	* 53.6	* 78.4
16	7.0	* 1.2	8.2	6.0	* 0.3	6.2	14.4	* 1.9	16.3	43.1	88.3
17	22.7	6.2	29.0	7.0	* 0.0	7.0	36.0	5.6	41.6	19.5	86.5
18	32.9	6.6	39.5	10.1	* 0.5	10.6	50.1	11.9	61.9	21.1	80.9
19	47.2	5.7	52.9	10.2	* 0.3	10.5	63.4	8.0	71.5	16.6	88.7
20—24	265.8	31.0	296.8	36.3	* 3.2	39.6	336.4	49.2	385.6	11.8	87.2
20	49.4	6.1	55.5	9.0	* 0.2	9.2	64.8	8.3	73.1	14.2	88.7
21	48.7	7.2	55.8	9.4	* 0.6	10.0	65.9	8.4	74.3	15.2	88.7
22	54.1	6.0	60.1	5.8	* 1.1	6.9	67.0	10.7	77.7	10.3	86.2
23	58.2	* 4.4	62.6	6.8	* 0.0	6.8	69.4	11.2	80.6	9.8	86.1
24	55.4	7.2	62.7	5.4	* 1.3	6.6	69.3	10.6	79.9	9.6	86.7
Total aged 15—24	377.2	51.0	428.2	71.7	* 4.3	75.9	504.1	77.6	581.8	15.1	86.7
TOTAL											
15—19	120.1	81.3	201.4	39.3	18.0	57.3	258.7	197.4	456.1	22.2	56.7
15	* 1.8	14.8	16.6	* 2.9	5.3	8.1	24.7	60.2	84.9	32.9	29.1
16	7.0	16.3	23.3	6.4	4.7	11.1	34.4	53.3	87.7	32.3	39.2
17	23.7	18.1	41.8	7.5	* 3.1	10.6	52.4	38.4	90.8	20.2	57.7
18	35.1	16.9	51.9	11.8	* 3.1	14.8	66.8	28.1	94.9	22.2	70.4
19	52.6	15.1	67.7	10.8	* 1.9	12.6	80.3	17.5	97.8	15.7	82.2
20—24	276.4	45.6	322.0	38.7	6.5	45.2	367.2	69.0	436.2	12.3	84.2
20	53.1	12.8	65.8	9.2	* 1.5	10.8	76.6	17.7	94.4	14.1	81.2
21	51.3	12.0	63.4	10.0	* 2.3	12.3	75.7	13.0	88.6	16.2	85.3
22	56.7	6.8	63.5	6.8	* 1.4	8.2	71.7	14.3	86.0	11.4	83.4
23	59.1	* 3.3	64.3	7.1	* 0.0	7.1	71.5	12.1	83.6	10.0	85.5
24	56.2	8.6	64.9	5.6	* 1.3	6.9	71.8	11.8	83.6	9.6	85.9
Total aged 15—24	396.5	126.8	523.3	78.1	24.5	102.5	625.9	266.4	892.2	16.4	70.1

(a) Includes institutionalised persons

TABLE 5. LABOUR FORCE STATUS AND FAMILY STATUS, NSW, FEBRUARY 1991

Family status	Employed			Unemployed			Labour force ('000)	Not in labour force ('000)	Civilian population aged 15 and over ('000)	Unemployment rate (per cent)	Participation rate (per cent)
	Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Looking for part-time work ('000)	Total ('000)					
<i>Member of a family</i>	1,701.4	455.0	2,156.5	156.5	41.4	197.9	2,354.4	1,312.0	3,666.4	8.4	64.2
Husband	919.6	46.0	965.6	49.4	* 2.1	51.4	1,017.0	299.5	1,316.6	5.1	77.2
With children aged 0-14 present	509.0	17.4	526.4	32.6	* 0.5	33.1	559.5	30.1	589.6	5.9	94.9
Without children aged 0-14 present	410.6	28.6	439.2	16.8	* 1.5	18.3	457.5	269.5	727.0	4.0	62.8
With dependants present	509.0	17.4	526.4	32.6	* 0.5	33.1	559.5	30.1	589.6	5.9	94.9
Without dependants present	410.6	28.6	439.2	16.8	* 1.5	18.3	457.5	269.5	727.0	4.0	62.9
Wife	344.7	276.2	620.9	22.6	14.6	37.2	658.1	637.3	1,295.4	5.6	50.8
With children aged 0-14 present	128.1	170.5	298.6	12.3	12.0	24.3	322.8	247.4	570.3	7.5	56.6
Without children aged 0-14 present	216.7	105.7	322.4	10.3	* 2.6	12.9	335.3	389.9	725.2	3.8	46.2
With dependants present	128.1	170.5	298.6	12.3	12.0	24.3	322.8	247.4	570.3	7.5	56.6
Without dependants present	216.7	105.7	322.4	10.3	* 2.6	12.9	335.3	389.9	725.2	3.8	46.2
Not married male family head	24.8	* 1.5	26.3	* 2.9	* 0.0	* 2.9	29.2	14.4	43.6	* 9.8	66.9
With children aged 0-14 present	6.5	* 0.2	6.8	* 0.3	* 0.0	* 0.3	7.0	* 3.7	10.7	* 3.7	65.8
Without children aged 0-14 present	18.3	* 1.3	19.5	* 2.6	* 0.0	* 2.6	22.1	10.8	32.9	* 11.8	67.2
With dependants present	6.5	* 0.2	6.8	* 0.3	* 0.0	* 0.3	7.0	* 3.7	10.7	* 3.7	65.8
Without dependants present	18.3	* 1.3	19.5	* 2.6	* 0.0	* 2.6	22.1	10.8	32.9	* 11.8	67.2
Not married female family head	38.0	23.2	61.1	5.8	4.6	10.3	71.4	98.2	169.7	14.5	42.1
With children aged 0-14 present	17.2	14.1	31.2	* 2.5	* 4.3	6.8	38.0	50.2	88.2	17.9	43.1
Without children aged 0-14 present	20.8	9.1	29.9	* 3.2	* 0.3	* 3.5	33.4	48.0	81.4	* 10.5	41.0
With dependants present	17.2	14.1	31.2	* 2.5	* 4.3	6.8	38.0	50.2	88.2	17.9	43.1
Without dependants present	20.8	9.1	29.9	* 3.2	* 0.3	* 3.5	33.4	48.0	81.4	* 10.5	41.0
Full-time student aged 15-24 (a)	14.3	67.5	81.8	5.0	17.5	22.6	104.3	165.2	269.5	21.6	38.7
Other child of family head	332.2	39.4	371.6	66.0	* 2.2	68.2	439.9	51.0	490.8	15.5	89.6
Other relative of family head	27.8	* 1.3	29.1	4.9	* 0.5	5.4	34.5	46.4	80.8	15.5	42.6
<i>Not a member of a family</i>	303.9	40.7	344.6	31.6	* 2.5	34.0	378.6	274.0	652.6	9.0	58.0
Living alone	125.0	17.0	142.0	12.8	* 0.8	13.5	155.6	239.0	394.6	8.7	39.4
Not living alone	178.9	23.6	202.6	18.8	* 1.7	20.5	223.0	35.0	258.0	9.2	86.4
<i>Not family coded</i>	79.2	19.7	98.9	8.2	* 3.1	11.3	110.2	142.4	252.6	10.2	43.6
Total	2,084.5	515.5	2,600.0	196.2	47.0	243.2	2,843.2	1,728.4	4,571.6	8.6	62.2

(a) Excludes persons aged 20-24 attending school

PERSONS AGED 15-19 IN THE LABOUR FORCE: FULL-TIME ATTENDANCE AT SCHOOL OR A TERTIARY EDUCATIONAL INSTITUTION

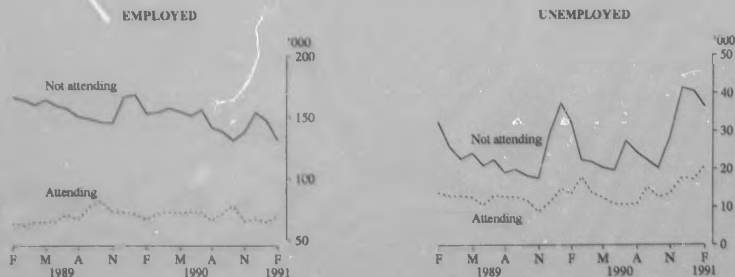


TABLE 6. EMPLOYED PERSONS: INDUSTRY DIVISION AND SUBDIVISION, NSW ('000)

Industry	Males		Females			Persons			
	February 1990	November 1990	February 1991	February 1990	November 1990	February 1991	February 1990	November 1990	February 1991
Agriculture, forestry, fishing and hunting	81.4	93.0	85.5	33.3	36.5	35.0	114.6	129.5	120.5
Agriculture	73.5	80.9	73.9	31.7	34.0	32.4	105.3	114.9	106.3
Services to agriculture	* 4.0	* 6.4	* 8.2	* 0.8	* 1.8	* 1.5	* 4.8	* 8.2	* 9.8
Forestry and logging	* 1.6	* 2.6	* 1.9	* 0.3	* 0.2	* 0.5	* 1.9	* 2.8	* 2.3
Fishing and hunting	* 2.2	* 3.2	* 1.6	* 0.5	* 0.5	* 0.5	* 2.7	* 3.7	* 2.1
Mining	26.6	24.0	26.3	* 1.7	* 0.8	* 0.3	28.3	24.7	26.6
Metallic minerals	5.0	6.5	6.1	* 0.5	* 0.0	* 0.0	5.5	6.5	6.1
Coal	17.7	14.9	15.3	* 0.2	* 0.0	* 0.3	17.9	14.9	15.6
Construction materials	* 2.9	* 1.6	* 1.8	* 0.5	* 0.0	* 0.0	* 3.4	* 1.6	* 1.8
Services to mining, n.e.c.	* 1.0	* 0.5	* 3.1	* 0.5	* 0.8	* 0.0	* 1.5	* 1.3	* 3.1
Other mining	* 0.0	* 0.4	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.4	* 0.0
Manufacturing	305.1	299.6	279.7	108.3	110.9	103.8	413.4	410.6	383.4
Food, beverages and tobacco	39.5	39.6	33.8	19.9	21.1	17.3	59.4	60.7	51.1
Textiles	* 2.7	* 8.4	* 5.8	* 4.3	* 3.1	* 2.4	7.0	12.0	8.2
Clothing and footwear	6.8	7.8	8.3	17.4	17.9	18.5	24.2	25.7	26.9
Wood, wood products and furniture	27.4	21.3	18.5	5.3	4.7	* 3.1	32.7	26.0	21.6
Paper, paper products, printing and publishing	30.3	32.3	28.2	11.6	19.0	20.7	41.8	51.3	48.9
Chemical, petroleum and coal products	18.1	18.8	15.5	8.0	6.7	8.0	26.1	25.5	23.6
Non-metallic mineral products	13.3	14.0	12.6	* 1.5	* 2.6	* 2.1	14.8	16.6	14.7
Basic metal products	35.1	30.7	31.4	* 3.1	* 4.2	* 3.2	38.3	34.8	34.6
Fabricated metal products	37.4	39.3	38.3	6.7	8.0	8.1	44.0	47.3	46.3
Transport equipment	28.4	31.1	30.3	* 1.8	* 2.0	* 1.8	30.2	33.1	32.1
Other machinery and equipment	44.6	40.6	42.0	18.0	17.3	12.6	62.6	57.9	54.6
Miscellaneous manufacturing	21.5	15.8	14.8	10.8	* 3.8	6.1	32.3	19.7	20.9
Electricity, gas and water	36.9	36.3	34.5	* 4.0	5.1	* 3.8	40.9	41.3	38.4
Electricity and gas	23.0	24.0	25.0	* 1.9	* 3.1	* 2.6	24.9	27.1	27.6
Water, sewerage and drainage	13.9	12.3	9.5	* 2.1	* 2.0	* 1.3	16.0	14.3	10.8
Construction	188.3	189.8	187.7	24.9	24.3	25.8	213.2	214.0	213.6
General construction	72.5	59.6	68.1	10.7	7.9	8.7	83.2	67.5	76.8
Special trade construction	115.8	130.1	119.6	14.2	16.4	17.1	130.0	146.5	136.7
Wholesale and retail trade	296.7	289.7	288.2	247.7	233.6	243.9	544.4	523.3	532.1
Wholesale trade	119.7	116.0	122.2	62.2	57.5	64.6	181.8	173.5	186.8
Retail trade	177.0	173.7	166.0	185.5	176.1	179.4	362.5	349.9	345.3
Transport and storage	108.6	108.6	119.0	27.0	30.5	29.4	135.6	139.1	148.4
Road freight transport	39.3	41.0	44.5	5.5	11.2	10.1	44.8	52.2	54.6
Road passenger transport	16.2	16.7	17.4	* 3.2	* 2.0	* 2.6	19.4	18.6	19.9
Rail transport	18.7	21.1	24.2	* 3.0	* 2.8	* 2.3	21.8	23.9	26.5
Water transport	* 4.3	* 1.1	* 3.1	* 0.0	* 0.5	* 1.0	* 4.3	* 1.6	* 4.1
Air transport	13.1	12.2	13.2	7.5	5.4	5.8	20.7	17.6	19.1
Other transport	* 0.2	* 0.8	* 0.0	* 0.0	* 0.0	* 0.0	* 0.2	* 0.8	* 0.0
Services to road transport	* 1.5	* 1.3	* 1.3	* 0.2	* 0.3	* 0.0	* 1.7	* 1.6	* 1.3
Services to water transport	* 5.1	* 5.7	* 3.9	* 0.8	* 1.3	* 0.9	5.8	7.0	4.8
Services to air transport	* 1.8	* 1.6	* 2.3	* 0.3	* 0.3	* 0.0	* 2.1	* 1.8	* 2.3
Other services to transport	* 4.6	* 3.1	4.7	5.2	6.5	6.2	9.8	9.6	11.0
Storage	* 3.8	* 4.0	* 4.2	* 1.2	* 0.2	* 0.5	5.0	* 4.3	4.7
Communication	33.1	43.4	35.3	13.9	13.6	14.1	46.9	57.0	49.4
Finance, property and business services	171.1	168.1	176.5	169.7	163.7	156.2	340.7	331.8	332.7
Finance and investment	48.3	47.0	47.5	56.7	49.3	52.8	105.0	96.3	100.3
Insurance and services to insurance	20.3	22.6	19.4	17.9	21.8	18.3	38.2	44.4	37.8
Property and business services	102.5	98.5	109.6	95.1	92.6	85.1	197.6	191.1	194.6
Public administration and defence	62.3	60.5	61.8	35.4	40.9	40.6	97.7	101.3	102.4
Public administration	56.3	55.9	55.0	33.5	38.3	37.7	89.7	94.3	92.7
Defence	6.0	4.5	6.8	* 2.0	* 2.5	* 2.8	8.0	7.1	9.6
Community services	140.2	145.7	147.9	275.1	311.1	299.4	415.3	456.8	447.3
Health	39.2	39.0	43.2	125.6	135.0	136.2	164.9	174.0	179.3
Education, museum and library services	54.0	56.2	54.6	103.9	118.3	110.4	157.8	174.5	165.1
Welfare and religious institutions	12.7	17.7	15.6	29.6	37.3	33.4	42.3	55.0	49.0
Other community services	34.3	32.8	34.5	16.0	20.4	19.4	50.3	53.3	53.9
Recreation, personal and other services	89.9	91.7	94.1	104.7	109.1	111.1	194.6	200.7	206.2
Entertainment and recreational services	27.3	27.6	26.6	18.5	17.9	21.3	45.8	45.5	47.8
Restaurants, hotels and clubs	49.0	50.2	53.9	59.0	66.5	67.0	108.1	116.7	120.9
Personal services	13.2	13.4	13.2	25.4	22.9	20.4	38.6	36.2	33.6
Private households employing staff	* 0.5	* 0.5	* 0.5	* 1.7	* 1.8	* 2.4	* 2.2	* 2.3	* 2.9
Total	1,540.2	1,550.3	1,536.7	1,045.6	1,079.9	1,063.3	2,585.8	2,630.2	2,600.0

ANNUAL CHANGE IN EMPLOYMENT BY INDUSTRY DIVISION
FEBRUARY 1990 TO FEBRUARY 1991

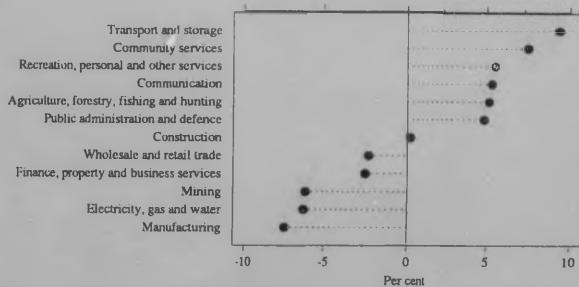
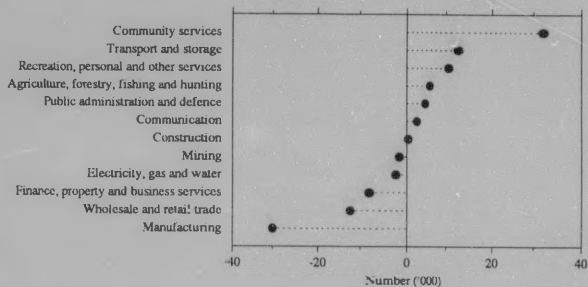


TABLE 7. EMPLOYED PERSONS: MAJOR AND MINOR OCCUPATION GROUPS, NSW ('000)

Occupation	Males		Females			Persons			
	Feb- ruary 1990	Nov- ember 1990	Feb- ruary 1991	Feb- ruary 1990	Nov- ember 1990	Feb- ruary 1991	Feb- ruary 1990	Nov- ember 1990	Feb- ruary 1991
Managers and administrators	223.7	217.1	218.9	64.0	76.5	76.7	287.6	293.6	295.6
Legislators and government appointed officials	0.7	1.0	0.8	0.0	0.0	0.0	0.7	1.0	0.8
General managers	20.7	15.8	14.0	2.2	3.5	3.6	22.9	19.4	17.6
Specialist managers	51.5	53.2	55.0	11.0	12.4	13.1	62.5	65.6	68.1
Farmers and farm managers	46.9	53.2	47.8	17.0	23.7	22.6	63.9	76.9	70.4
Managing supervisors (sales and service)	60.9	59.8	60.0	30.5	33.5	35.1	91.5	93.3	95.1
Managing supervisors (other business)	42.9	34.1	41.3	3.2	3.3	2.3	46.2	37.3	43.6
Professionals	204.8	213.0	219.4	131.9	143.8	142.6	336.8	356.8	362.0
Natural scientists	6.8	7.4	11.1	3.5	1.5	1.7	10.3	8.9	12.7
Building professionals and engineers	46.7	47.2	48.1	1.6	1.0	0.7	48.4	48.3	48.8
Health diagnosis and treatment practitioners	16.9	16.0	19.4	10.1	13.6	16.0	27.1	29.8	35.4
School teachers	20.6	24.7	23.2	49.2	53.9	51.8	69.8	78.5	75.1
Other teachers and instructors	17.1	17.2	15.9	17.3	19.4	17.3	34.3	36.6	33.2
Social professionals	15.7	14.8	13.8	8.5	5.5	4.8	24.2	20.3	18.6
Business professionals	55.3	64.5	69.3	23.5	29.9	29.4	78.8	94.4	98.7
Artists and related professionals	18.5	13.9	11.6	9.2	11.5	12.1	27.7	25.3	23.7
Miscellaneous professionals	7.3	7.3	7.0	8.9	7.4	8.7	16.2	14.7	15.7
Para-professionals	77.1	81.3	84.7	65.1	68.1	66.1	142.2	149.5	150.8
Medical and science technical officers and technicians	3.1	4.6	3.7	2.0	5.5	3.6	5.1	10.0	7.3
Engineering and building associates and technicians	24.3	27.0	32.2	2.2	2.6	2.1	26.4	29.6	34.2
Air and sea transport technical workers	6.8	4.2	5.1	0.0	0.0	0.0	6.8	4.2	5.1
Registered nurses	4.2	4.2	3.1	46.3	45.6	48.0	50.5	49.8	51.1
Police	11.6	15.0	15.4	2.4	3.3	3.0	14.0	18.3	18.4
Miscellaneous para-professionals	27.2	26.4	25.2	12.1	11.1	9.5	39.3	37.5	34.7
Tradespersons	368.8	349.4	339.1	34.4	33.2	28.3	403.2	382.6	367.5
Metal fitting and machining tradespersons	47.7	33.6	32.2	0.2	0.3	0.0	48.0	33.9	32.2
Other metal tradespersons	32.9	35.2	34.2	0.7	0.5	0.3	33.6	35.8	34.4
Electrical and electronics tradespersons	60.4	63.1	5.9	1.3	1.0	0.5	61.7	64.2	58.5
Building tradespersons	96.3	87.4	86.3	0.7	0.7	0.0	97.1	88.1	86.3
Printing tradespersons	10.9	13.6	13.5	2.1	2.0	2.4	13.0	15.6	15.9
Vehicle tradespersons	49.5	41.0	44.9	0.5	0.2	0.0	50.0	41.2	44.9
Food tradespersons	25.9	29.8	23.4	8.3	7.9	9.1	34.2	37.7	32.5
Amenity horticultural tradespersons	15.0	13.0	14.1	2.6	1.7	1.0	17.6	14.7	15.0
Miscellaneous tradespersons	30.1	32.7	32.6	18.0	18.8	15.1	48.1	51.5	47.7
Clerks	112.1	114.4	110.8	364.0	365.3	375.1	476.0	479.7	486.0
Stenographers and typists	0.8	1.6	1.9	113.7	103.9	108.0	114.4	105.5	109.8
Data processing and business machine operators	10.4	7.3	7.7	22.3	20.9	24.9	32.7	28.3	32.6
Numerical clerks	35.4	44.9	44.9	98.1	92.8	104.2	133.5	137.7	149.1
Filing, sorting and copying clerks	4.3	4.4	5.3	10.7	12.1	11.5	15.1	16.6	16.8
Material recording and despatching clerks	10.3	13.0	11.0	6.3	8.1	7.9	16.6	21.1	18.9
Receptionists, telephonists and messengers	7.5	6.7	5.6	38.8	47.4	47.0	46.3	54.1	52.6
Miscellaneous clerks	43.3	36.4	34.4	74.0	80.0	71.7	117.4	116.4	106.4
Salespersons and personal service workers	134.7	131.8	129.2	219.4	233.3	224.5	354.1	365.1	353.7
Investment, insurance and real estate salespersons	20.6	24.8	23.1	7.3	7.4	8.9	27.9	32.2	32.0
Sales representatives	37.0	32.5	33.7	10.0	9.9	11.3	47.0	42.3	45.1
Sales assistants	43.0	41.1	41.9	104.5	106.1	106.6	147.5	147.2	148.5
Tellers, cashiers and ticket salespersons	6.1	7.9	6.5	31.3	29.9	26.6	37.4	37.8	33.2
Miscellaneous salespersons	24.3	18.4	18.0	33.1	41.3	38.2	57.4	59.7	56.2
Personal service workers	3.7	7.1	5.9	33.3	38.8	32.7	36.9	45.9	38.7
Plant and machine operators, and drivers	152.8	152.0	159.2	26.8	24.5	24.8	179.6	176.5	184.0
Road and rail transport drivers	83.4	85.5	94.3	4.7	4.8	5.6	88.1	90.3	98.9
Mobile plant operators (except transport)	25.9	30.9	30.1	0.0	0.3	0.0	25.9	31.2	30.1
Stationary plant operators	20.1	13.4	13.0	0.7	0.0	0.0	20.8	13.4	13.0
Machine operators	23.4	22.2	21.8	21.4	19.4	19.2	44.8	41.6	41.0
Labourers and related workers	266.2	291.3	274.3	140.0	135.2	125.1	406.2	426.6	400.5
Trades assistants and factory hands	65.8	62.6	55.3	36.7	29.3	27.6	102.5	91.8	82.9
Agricultural labourers and related workers	28.8	35.3	35.9	12.9	9.8	8.2	41.7	45.1	44.1
Cleaners	22.9	26.2	26.7	39.5	44.6	41.0	62.5	70.8	67.7
Construction and mining labourers	50.5	64.3	58.6	0.5	0.2	0.3	50.9	64.6	58.8
Miscellaneous labourers and related workers	98.2	102.9	98.9	50.4	51.3	48.0	148.6	154.2	147.0
Total	1,540.2	1,550.3	1,536.7	1,045.6	1,079.9	1,063.3	2,585.8	2,630.2	2,600.0

ANNUAL CHANGE IN EMPLOYMENT BY OCCUPATION GROUP
FEBRUARY 1990 TO FEBRUARY 1991

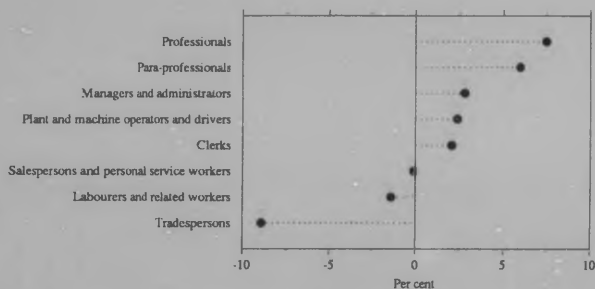
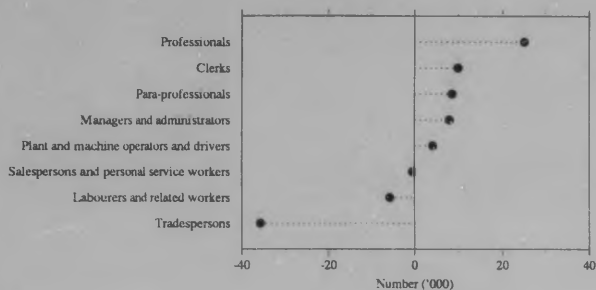


TABLE 8. EMPLOYED PERSONS: STATUS OF WORKER, NSW
(^{'000})

Status of worker	Males			Females			Persons		
	Feb- ruary 1990	Nov- ember 1990	Feb- ruary 1991	Feb- ruary 1990	Nov- ember 1990	Feb- ruary 1991	Feb- ruary 1990	Nov- ember 1990	Feb- ruary 1991
Wage and salary earners	1,306.4	1,301.9	1,283.3	935.2	966.8	945.8	2,241.6	2,268.7	2,229.1
Employers	86.7	81.0	87.6	34.2	34.4	40.6	120.9	115.4	128.2
Self-employed	142.1	161.1	158.7	64.6	66.9	67.6	206.7	228.0	226.3
Total (a)	1,540.2	1,550.3	1,536.7	1,045.6	1,079.9	1,063.3	2,585.8	2,630.2	2,600.0

(a) Includes unpaid family helpers.

TABLE 9. EMPLOYED PERSONS: AGE, NSW
(^{'000})

Month	Age group (years)								Total
	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 and over	
MALES									
1990— February	115.2	173.3	408.7	394.1	277.0	88.8	55.8	27.4	1,540.2
1990— November	106.3	167.0	414.4	396.6	284.6	91.2	62.4	27.9	1,550.3
December	115.6	177.4	414.4	399.0	285.3	92.2	63.2	29.0	1,576.2
1991— January	108.8	172.0	404.5	396.1	275.0	89.4	56.3	28.3	1,530.3
February	104.0	169.7	406.6	398.6	281.8	88.5	61.3	26.2	1,536.7
MARRIED FEMALES									
1990— February	* 4.2	39.0	184.4	227.5	134.2	27.8	13.1	* 3.8	634.1
1990— November	* 2.8	37.5	187.0	236.2	144.0	34.3	10.8	7.3	659.9
December	* 2.5	42.4	185.9	229.8	145.2	32.9	12.3	7.0	658.1
1991— January	* 2.9	39.2	178.9	218.6	137.8	27.2	10.1	6.3	621.1
February	* 1.9	37.4	186.9	229.1	144.5	32.4	11.1	6.2	649.5
ALL FEMALES									
1990— February	104.9	148.4	273.8	285.9	169.1	35.9	20.3	7.4	1,045.6
1990— November	96.8	151.2	281.0	293.7	182.1	46.5	17.7	10.9	1,079.9
December	105.5	160.6	287.7	289.8	181.0	44.7	18.6	10.4	1,098.3
1991— January	102.9	149.8	277.9	273.3	172.4	39.2	15.0	10.2	1,040.8
February	97.3	152.2	279.6	281.9	180.4	44.1	17.4	10.3	1,063.3
PERSONS									
1990— February	220.1	321.7	682.5	680.0	446.1	124.7	76.0	34.8	2,585.8
1990— November	203.1	318.2	695.4	690.3	466.6	137.7	80.1	38.9	2,630.2
December	221.1	338.1	702.1	688.8	466.3	136.9	81.8	39.4	2,674.6
1991— January	211.7	321.8	682.4	669.4	447.4	128.6	71.3	38.5	2,571.1
February	201.4	322.0	686.2	680.5	462.1	132.6	78.8	36.5	2,600.0

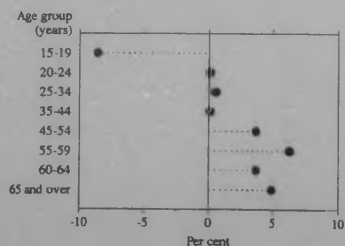
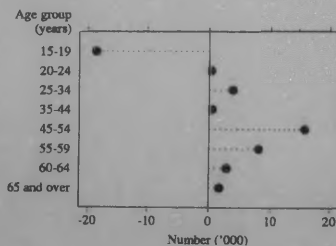
ANNUAL CHANGE IN EMPLOYMENT BY AGE
FEBRUARY 1990 TO FEBRUARY 1991

TABLE 10. UNEMPLOYED PERSONS: AGE, NSW
('000)

Month	Age group (years)						Total
	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 and over	
MALES							
1990— February	22.5	19.9	28.7	17.5	9.7	10.1	108.4
1990— November	21.4	21.0	28.2	20.1	11.9	11.4	114.1
1991— December	31.8	22.6	28.8	19.4	12.1	10.6	125.1
1991— January	31.5	23.3	33.1	21.8	14.4	13.4	137.4
1991— February	30.4	28.2	35.0	25.5	13.0	12.2	144.3
FEMALES							
1990— February	23.4	17.7	23.6	17.2	7.2	* 1.0	90.1
1990— November	20.5	11.7	16.5	13.4	8.3	* 2.3	72.7
1991— December	27.3	14.8	17.4	14.7	8.3	* 1.8	84.2
1991— January	26.4	16.4	21.7	16.0	7.7	* 2.6	90.8
1991— February	26.9	17.1	23.9	21.2	8.5	* 1.3	98.9
PERSONS							
1990— February	45.8	37.7	52.3	34.8	16.8	11.1	198.5
1990— November	41.9	32.7	44.7	33.5	20.2	13.7	186.7
1991— December	59.2	37.3	46.1	34.0	20.3	12.3	209.3
1991— January	57.8	39.7	54.7	37.8	22.1	16.0	228.1
1991— February	57.3	45.2	58.9	46.7	21.5	13.6	243.2

TABLE 11. UNEMPLOYED PERSONS: UNEMPLOYMENT RATE BY AGE, NSW
(per cent)

Month	Age group (years)						Total
	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 and over	
MALES							
1990— February	16.3	10.3	6.6	4.3	3.4	5.5	6.6
1990— November	16.8	11.2	6.4	4.8	4.0	5.9	6.9
1991— December	21.6	11.3	6.5	4.6	4.1	5.4	7.4
1991— January	22.4	11.9	7.6	5.2	5.0	7.1	8.2
1991— February	22.6	14.2	7.9	6.0	4.4	6.5	8.6
FEMALES							
1990— February	18.2	10.7	7.9	5.7	4.1	* 1.6	7.9
1990— November	17.5	7.2	5.6	4.4	4.3	* 3.0	6.3
1991— December	20.6	8.4	5.7	4.8	4.4	* 2.3	7.1
1991— January	20.4	9.9	7.2	5.5	4.3	* 3.9	8.0
1991— February	21.6	10.1	7.9	7.0	4.5	* 1.8	8.5
PERSONS							
1990— February	17.2	10.5	7.1	4.9	3.6	4.5	7.1
1990— November	17.1	9.3	6.0	4.6	4.1	5.1	6.6
1991— December	21.1	9.9	6.2	4.7	4.2	4.6	7.3
1991— January	21.5	11.0	7.4	5.4	4.7	6.3	8.2
1991— February	22.2	12.3	7.9	6.4	4.5	5.2	8.6

TABLE 12. UNEMPLOYED PERSONS: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB, NSW ('000)

	Males		Females		Persons		
	Feb- ruary 1990	Feb- ruary 1991	Feb- ruary 1990	Feb- ruary 1991	Feb- ruary 1990	Nov- ember 1990	Feb- ruary 1991
<i>Had worked for two weeks or more in a full-time job in the last two years</i>	65.1	90.2	37.7	40.5	102.8	100.6	130.7
Industry division—							
Agriculture, forestry, fishing and hunting	* 3.6	* 4.0	* 1.1	* 0.3	4.8	4.5	* 4.2
Manufacturing	17.5	23.4	5.9	5.1	23.4	21.4	28.5
Construction	12.7	19.6	* 0.7	* 0.7	13.4	13.8	20.4
Wholesale and retail trade	12.3	17.8	10.9	10.7	23.2	25.2	28.6
Transport and storage	* 4.1	5.6	* 1.5	* 1.5	5.6	* 3.0	7.1
Finance property and business services	* 3.9	6.0	* 4.2	6.8	8.1	10.9	12.8
Community services	* 2.9	* 2.1	6.0	7.1	8.9	7.1	9.1
Recreation, personal and other services	* 3.9	7.5	5.3	6.3	9.2	9.3	13.8
Other industries (a)	* 4.2	* 4.1	* 2.1	* 2.0	6.2	5.4	6.2
Major occupation group—							
Managers and administrators	* 3.4	* 3.7	* 2.0	* 0.8	5.4	* 1.8	4.5
Professionals	4.7	7.1	4.9	* 4.1	9.6	5.8	11.2
Para-professionals	* 1.1	* 3.1	* 2.0	* 1.7	* 3.1	* 3.1	4.8
Tradespersons	17.5	21.9	* 0.8	* 0.5	18.3	20.3	22.4
Clerks	* 4.4	5.7	10.0	14.0	14.4	14.2	19.7
Salespersons and personal service workers	4.6	9.1	8.9	11.5	13.5	15.2	20.5
Plant and machine operators, and drivers	9.0	8.4	* 1.3	* 2.1	10.3	6.0	10.5
Labourers and related workers	20.4	31.2	7.8	5.8	28.2	34.2	37.0
<i>Had not worked full-time for two weeks or more in the last two years</i>	41.3	51.4	50.6	55.3	91.9	82.3	106.6
Looking for first job	11.5	17.6	15.6	16.3	27.1	23.5	33.9
Had worked at some time in the past	29.8	33.8	35.0	38.9	64.8	58.7	72.7
<i>Stood down</i>	* 2.0	* 2.8	* 1.8	* 3.2	* 3.8	* 3.9	5.9
Total	108.4	144.3	90.1	98.9	198.5	186.7	243.2

(a) Comprises Mining, Electricity, gas and water, Communication, and Public administration and defence.

UNEMPLOYMENT RATE BY AGE

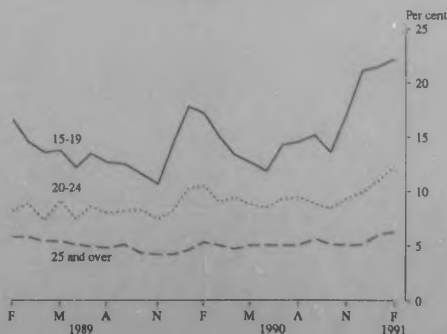


TABLE 13. UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT, NSW

Duration of unemployment (weeks)	Males		Females		Persons				
	February 1990	February 1991	February 1990	February 1991	February 1990	November 1990	December 1990	January 1991	February 1991
'000									
Under 2	7.5	10.1	10.3	10.9	17.7	16.4	23.3	21.0	21.0
2 and under 4	14.2	14.5	12.7	14.6	26.9	21.4	33.7	23.6	29.1
4 and under 8	18.7	22.3	17.4	17.1	36.1	23.8	26.7	40.4	39.4
8 and under 13	12.6	16.9	13.6	13.3	26.3	21.9	21.9	27.9	30.3
13 and under 26	11.1	21.2	9.2	11.2	20.3	26.3	27.7	26.6	32.4
26 and under 39	11.2	14.3	7.5	9.5	18.7	18.3	18.8	23.4	23.8
39 and under 52	* 2.2	* 3.7	* 2.4	* 2.3	4.5	12.6	10.6	5.2	6.0
52 and under 104	12.0	17.6	9.3	12.0	21.3	16.4	17.6	29.1	29.5
104 and over	18.9	23.8	7.8	8.1	26.6	29.7	29.1	30.9	31.9
Total	108.4	144.3	90.1	98.9	198.5	186.7	209.3	228.1	243.2
WEEKS									
Average	48.0	48.5	33.9	35.6	41.6	50.7	41.8	43.9	43.3
Median	13	15	8	9	10	15	12	13	13

AVERAGE DURATION OF UNEMPLOYMENT BY AGE

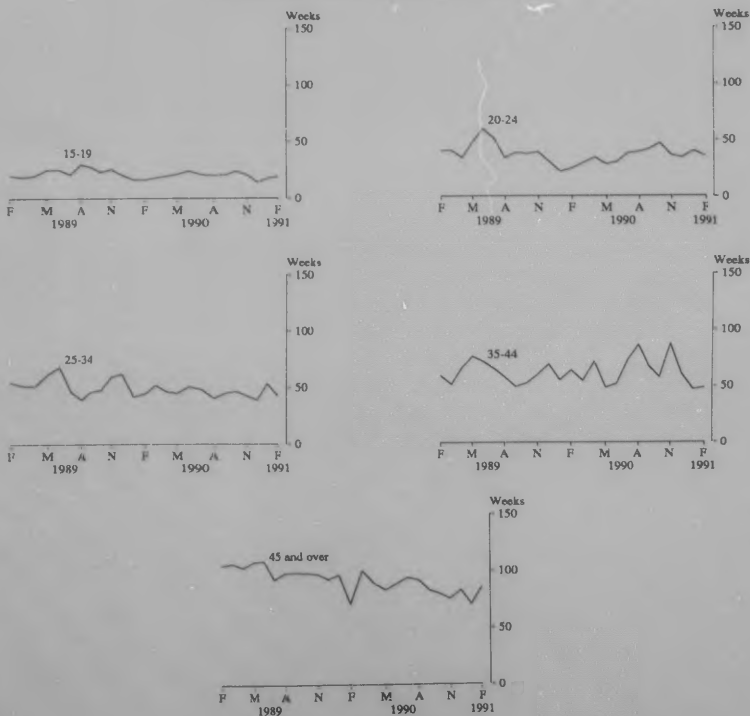


TABLE 14. UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT BY AGE, NSW

Month	Duration of unemployment (weeks)					Total (^{'000})	Average duration (weeks)	Median duration (weeks)
	Under 13 (^{'000})	13 and under 26 (^{'000})	26 and under 39 (^{'000})	39 and under 104 (^{'000})	104 and over (^{'000})			
15 — 19								
1990— February	33.2	* 3.7	* 3.7	* 3.7	* 1.6	45.8	16.5	8
1990— December	42.5	6.3	* 4.1	4.5	* 1.7	59.2	14.4	4
1991— January	37.3	7.2	4.6	7.5	* 1.3	57.8	17.5	8
February	37.0	5.5	5.5	7.7	* 1.6	57.3	19.2	8
20 — 24								
1990— February	22.2	5.4	* 2.5	4.5	* 3.1	37.7	25.0	8
1990— December	18.8	5.0	4.5	5.5	* 3.6	37.3	34.8	12
1991— January	20.3	* 2.8	5.3	5.0	6.3	39.7	40.4	12
February	22.5	6.6	4.6	5.4	6.1	45.2	35.9	13
25 — 34								
1990— February	25.9	6.4	5.3	7.7	7.0	52.3	45.1	13
1990— December	23.3	6.2	4.5	6.4	5.8	46.1	39.1	12
1991— January	25.1	7.6	5.5	8.4	8.1	54.7	53.4	14
February	28.2	8.6	5.4	8.7	8.0	58.9	43.0	13
35 — 44								
1990— February	15.3	* 2.8	4.8	4.9	7.0	34.8	63.7	17
1990— December	12.3	5.4	* 3.2	5.1	8.0	34.0	60.9	25
1991— January	17.2	* 3.9	* 4.1	5.9	6.7	37.8	47.2	17
February	21.7	6.3	* 4.2	8.0	6.5	46.7	48.6	15
45 AND OVER								
1990— February	10.4	* 2.0	* 2.5	5.0	8.0	27.9	71.0	32
1990— December	8.8	4.8	* 2.5	6.6	10.0	32.7	83.2	39
1991— January	13.0	5.2	* 3.9	7.5	8.5	38.1	70.7	26
February	10.3	5.4	* 4.1	5.6	9.7	35.1	85.5	26
TOTAL								
1990— February	107.0	20.3	18.7	25.8	26.6	198.5	41.6	10
1990— December	105.6	27.7	18.8	28.1	29.1	209.3	41.8	12
1991— January	112.9	26.6	23.4	34.3	30.9	228.1	43.9	13
February	119.7	32.4	23.8	35.5	31.9	243.2	43.3	13

TABLE 15. UNEMPLOYED PERSONS: UNEMPLOYMENT RATE BY BIRTHPLACE AND PERIOD OF ARRIVAL, NSW (per cent)

	February 1990	November 1990	December 1990	January 1991	February 1991
Birthplace—					
Australia	6.9	5.9	6.9	7.8	8.2
Outside Australia	7.6	8.5	8.1	9.1	9.6
Main English speaking countries	4.6	5.5	5.1	5.7	5.9
Other countries	9.3	10.2	9.9	10.9	11.6
Period of arrival of overseas born—					
Before 1961	* 2.4	4.9	3.4	5.8	5.9
1961 — 1970	5.6	6.3	6.8	7.6	7.3
1971 — 1980	7.5	8.6	8.1	8.6	9.2
1981 to survey date	12.7	12.4	12.0	12.5	13.9
Total	7.1	6.6	7.3	8.2	8.6

TABLE 16. LABOUR FORCE STATUS, SYDNEY MAJOR STATISTICAL REGION

Month	Employed			Unemployed			Labour force ('000)	Not in labour force ('000)	Civilian population aged 15 and over ('000)	Unemployment rate (per cent)	Participation rate (per cent)
	Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Looking for part-time work ('000)	Total ('000)					
MALES											
February—											
1987	883.5	54.0	937.5	73.5	8.8	82.3	1,019.8	320.2	1,340.0	8.1	76.1
1988	896.7	58.1	954.8	60.0	8.6	68.6	1,023.4	344.1	1,367.5	6.7	74.8
1989	914.3	65.5	979.7	53.4	8.3	61.7	1,041.5	348.2	1,389.6	5.9	74.9
1989—											
December	940.2	77.4	1,017.6	43.2	5.5	48.7	1,066.3	335.2	1,401.5	4.6	76.1
1990—											
January	929.9	70.1	1,000.1	49.7	7.8	57.5	1,057.6	345.2	1,402.7	5.4	75.4
February	921.5	75.1	996.6	53.7	8.5	62.2	1,058.7	345.2	1,403.9	5.9	75.4
November	925.2	73.5	998.7	58.2	5.8	64.1	1,062.8	357.6	1,420.4	6.0	74.8
December	939.0	78.7	1,017.8	64.5	9.0	73.4	1,091.2	331.4	1,422.6	6.7	76.7
1991—											
January	910.7	66.8	977.6	70.8	8.4	79.3	1,056.8	367.2	1,424.0	7.5	74.2
February	921.2	69.2	990.3	75.4	10.9	86.2	1,076.6	348.8	1,425.4	8.0	75.5
MARRIED FEMALES											
February—											
1987	202.3	155.3	357.5	12.4	8.8	21.1	378.7	409.4	788.1	5.6	48.0
1988	229.0	148.2	377.2	12.9	10.5	23.5	400.7	401.4	802.1	5.9	50.0
1989	233.4	148.7	382.0	11.3	6.5	17.8	399.8	411.7	811.5	4.5	49.3
1989—											
December	249.6	178.7	428.3	6.8	5.5	12.3	440.6	378.1	818.6	2.8	53.8
1990—											
January	241.2	149.9	391.1	10.2	4.6	14.8	405.9	416.0	821.9	3.6	49.4
February	240.7	173.4	414.1	10.0	7.0	17.0	431.1	387.1	818.2	4.0	52.7
November	246.9	176.4	423.3	8.0	6.4	14.4	437.7	393.9	831.6	3.3	52.6
December	253.8	170.2	423.9	10.6	7.3	18.0	441.9	388.0	829.9	4.1	53.2
1991—											
January	246.8	148.5	395.3	14.7	5.2	19.9	415.1	417.4	832.6	4.8	49.9
February	243.6	171.7	415.3	14.0	10.1	24.1	439.4	393.7	833.1	5.5	52.7
ALL FEMALES											
February—											
1987	418.6	211.7	630.2	42.5	15.4	57.9	688.2	710.2	1,398.3	8.4	49.2
1988	457.7	207.8	665.5	37.2	18.9	56.1	721.6	705.1	1,426.7	7.8	50.6
1989	467.1	217.3	684.4	35.3	13.8	49.0	733.5	715.9	1,449.3	6.7	50.6
1989—											
December	483.9	256.5	740.4	25.2	10.5	35.6	776.1	684.2	1,460.3	4.6	53.1
1990—											
January	459.7	229.4	689.2	31.3	10.7	41.9	731.1	730.2	1,461.4	5.7	50.0
February	463.1	252.7	715.8	32.0	16.4	48.4	764.2	698.3	1,462.5	6.3	52.3
November	467.5	252.6	720.1	25.9	13.6	39.5	759.6	718.1	1,477.6	5.2	51.4
December	490.5	247.5	738.0	30.2	15.8	45.9	783.9	695.8	1,479.6	5.9	53.0
1991—											
January	481.7	208.8	690.5	39.4	15.0	54.4	744.9	736.0	1,480.9	7.3	50.3
February	466.6	240.2	706.8	38.9	22.8	61.7	768.6	713.6	1,482.1	8.0	51.9
PERSONS											
February—											
1987	1,302.0	265.7	1,567.7	116.1	24.2	140.3	1,708.0	1,030.3	2,738.3	8.2	62.4
1988	1,354.4	265.9	1,620.3	97.2	27.5	124.7	1,745.0	1,049.2	2,794.2	7.1	62.5
1989	1,381.4	282.7	1,664.1	88.7	22.1	110.8	1,774.9	1,064.0	2,839.0	6.2	62.5
1989—											
December	1,424.1	333.9	1,758.0	68.3	16.0	84.3	1,842.4	1,019.4	2,861.8	4.6	64.4
1990—											
January	1,389.6	299.6	1,689.2	81.0	18.5	99.5	1,788.7	1,075.4	2,864.1	5.6	62.5
February	1,384.6	327.7	1,712.4	85.7	24.9	110.6	1,823.0	1,043.5	2,866.4	6.1	63.6
November	1,392.7	326.1	1,718.8	84.1	19.4	103.6	1,822.4	1,075.7	2,898.1	5.7	62.9
December	1,429.5	326.2	1,755.7	94.6	24.7	119.4	1,875.1	1,027.1	2,902.2	6.4	64.6
1991—											
January	1,392.4	275.6	1,668.1	110.2	23.4	133.6	1,801.7	1,103.2	2,904.9	7.4	62.0
February	1,387.8	309.4	1,697.2	114.3	33.7	148.0	1,845.2	1,062.4	2,907.5	8.0	63.5

TABLE 17. LABOUR FORCE STATUS, BALANCE OF NEW SOUTH WALES MAJOR STATISTICAL REGION

Month	Employed		Unemployed			Labour force ('000)	Not in labour force ('000)	Civilian population aged 15 and over ('000)	Unemployment rate (per cent)	Participation rate (per cent)
	Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Looking for part-time work ('000)					
MALES										
February—										
1987	470.1	32.7	502.8	63.9	* 2.8	66.6	569.4	206.5	775.9	73.4
1988	504.9	33.3	538.2	47.5	* 1.9	49.3	587.5	203.9	791.4	8.4
1989	501.8	33.4	535.2	47.6	5.4	53.0	588.2	216.3	804.5	9.0
1989—										
December	511.7	42.3	553.9	41.4	* 3.4	44.9	598.8	214.5	813.3	7.5
1990—										
January	497.9	42.0	539.9	46.0	* 3.9	50.0	589.9	223.9	813.8	8.5
February	504.3	39.3	543.6	42.6	* 3.6	46.2	589.8	224.5	814.3	7.8
November	507.5	44.0	551.6	44.9	5.1	50.0	601.6	220.1	821.7	8.3
December	514.6	43.9	558.5	47.8	* 3.9	51.7	610.2	212.5	822.7	8.5
1991—										
January	507.9	44.8	552.8	54.8	* 3.3	58.1	610.9	213.2	824.1	9.5
February	499.8	46.6	546.3	55.7	* 2.3	58.1	604.4	221.1	825.5	9.6
MARRIED FEMALES										
February—										
1987	96.3	93.4	189.6	10.9	5.9	16.8	206.4	264.2	490.6	8.1
1988	115.4	105.1	220.5	9.1	* 3.2	12.3	232.8	269.6	502.4	5.3
1989	117.7	101.9	219.7	8.6	6.7	15.2	234.9	268.4	503.3	6.5
1989—										
December	116.6	105.3	221.8	7.6	4.5	12.1	233.9	278.6	512.5	5.2
1990—										
January	115.0	99.7	214.7	9.5	* 3.3	12.8	227.5	292.7	520.2	5.6
February	116.8	103.2	220.0	10.6	4.4	15.0	234.9	278.9	513.8	6.4
November	119.2	117.4	236.6	5.7	4.4	10.1	246.7	264.3	511.0	4.1
December	118.9	115.3	234.2	7.4	* 3.6	11.0	245.2	269.5	514.7	4.5
1991—										
January	122.0	103.9	225.9	7.6	4.8	12.4	238.2	280.7	519.0	5.2
February	120.4	113.8	234.2	9.1	5.4	14.5	248.7	274.4	523.1	5.8
ALL FEMALES										
February—										
1987	167.8	125.6	293.4	33.3	9.7	43.1	336.4	452.4	788.8	12.8
1988	191.4	138.2	329.6	28.1	8.6	36.7	366.3	437.4	803.6	10.0
1989	197.7	142.4	340.2	22.7	11.6	34.2	374.4	442.7	817.1	9.1
1989—										
December	195.9	145.2	341.0	24.7	8.2	33.0	374.0	452.1	826.1	8.8
1990—										
January	193.8	134.8	328.6	29.4	6.7	36.0	364.7	462.0	826.6	9.9
February	194.3	135.5	329.8	31.9	9.8	41.7	371.5	455.7	827.2	11.2
November	197.3	162.5	359.8	23.1	10.1	33.2	393.0	441.9	834.9	8.4
December	201.8	158.6	360.4	26.8	11.4	38.3	398.6	437.3	835.9	9.6
1991—										
January	207.8	142.5	350.3	26.4	10.0	36.4	386.7	450.6	837.3	9.4
February	197.0	159.5	356.5	26.2	11.0	37.2	393.7	445.0	838.6	9.4
PERSONS										
February—										
1987	637.9	158.3	796.2	97.2	12.5	109.7	905.9	658.9	1,564.7	12.1
1988	696.3	171.5	867.8	75.5	10.5	86.0	953.8	641.3	1,595.1	9.0
1989	699.5	175.8	875.4	70.2	17.0	87.2	962.6	659.0	1,621.6	9.1
1989—										
December	707.6	187.4	895.0	66.2	11.7	77.8	972.8	666.6	1,639.4	8.0
1990—										
January	691.8	176.8	868.6	75.4	10.6	86.0	954.6	685.9	1,640.5	9.0
February	698.6	174.8	873.4	74.5	13.4	87.9	961.3	680.2	1,641.5	9.1
November	704.9	206.5	911.4	68.0	15.2	83.2	994.6	662.0	1,656.6	8.4
December	716.4	202.5	918.8	74.7	15.3	90.0	1,008.8	649.9	1,658.6	8.9
1991—										
January	715.7	187.3	903.1	81.2	13.3	94.5	997.6	663.8	1,661.4	9.5
February	696.8	206.0	902.8	82.0	13.3	95.2	998.0	666.1	1,664.1	9.5

TABLE 18. LABOUR FORCE STATUS, STATISTICAL REGIONS OF NSW

Month		Employed		Unemployed		Labour force ('000)	Not in labour force ('000)	Unemployment rate (per cent)	Participation rate (per cent)	
		Full-time workers ('000)	Part-time workers ('000)	Looking for full-time work ('000)	Total ('000)					
INNER SYDNEY AND INNER WESTERN SYDNEY STATISTICAL REGIONS										
MALES—	1990—February	99.3	7.6	106.9	5.0	6.3	113.2	53.9	5.5	67.7
	1990—December	98.6	9.8	108.5	9.6	10.6	119.1	43.6	8.9	73.2
	1991—January	91.8	8.6	100.4	8.0	8.7	109.1	50.1	8.0	68.5
	1991—February	92.9	9.3	102.1	9.6	11.4	113.5	46.4	10.0	71.0
FEMALES—	1990—February	57.7	21.3	79.0	* 3.6	5.5	84.6	71.2	6.6	54.3
	1990—December	68.5	20.2	88.7	* 2.9	4.7	93.4	72.4	5.0	56.3
	1991—January	70.2	16.8	87.0	5.0	6.6	93.6	78.7	7.1	54.3
	1991—February	64.5	20.6	85.1	5.4	7.5	92.6	82.9	8.1	52.8
PERSONS—	1990—February	157.1	28.9	186.0	8.6	11.8	197.8	125.1	6.0	61.3
	1990—December	167.2	30.0	197.2	12.5	15.3	212.5	116.0	7.2	64.7
	1991—January	162.0	25.4	187.4	13.0	15.3	202.7	128.9	7.6	61.1
	1991—February	157.3	29.9	187.2	15.0	18.9	206.1	129.3	9.2	61.4
INNER SYDNEY STATISTICAL REGION										
MALES—	1990—February	61.7	4.8	66.5	3.5	4.5	71.0	32.5	6.3	68.6
	1990—December	60.3	4.1	64.4	6.3	6.5	70.9	29.2	9.2	70.8
	1991—January	54.5	4.7	59.2	6.2	6.4	65.6	31.8	9.8	67.4
	1991—February	54.3	6.2	60.6	6.0	7.4	67.9	29.9	10.8	69.4
FEMALES—	1990—February	37.3	12.5	49.8	* 2.8	4.5	54.4	41.5	8.4	56.7
	1990—December	47.9	9.8	57.7	* 2.4	* 3.1	60.9	41.5	* 5.2	59.4
	1991—January	45.4	9.4	54.8	3.9	5.0	59.8	48.0	8.4	55.5
	1991—February	43.6	10.5	54.1	3.6	4.4	58.5	54.5	7.5	51.8
PERSONS—	1990—February	99.0	17.3	116.3	6.3	9.0	125.3	74.0	7.2	62.9
	1990—December	108.2	13.9	122.1	8.6	9.7	131.8	70.7	7.3	65.1
	1991—January	99.9	14.1	114.0	10.0	11.5	125.5	79.7	9.1	61.1
	1991—February	97.9	16.8	114.6	9.7	11.8	126.4	84.4	9.3	60.0
EASTERN SUBURBS STATISTICAL REGION										
MALES—	1990—February	49.1	7.2	56.3	* 2.8	3.0	59.4	23.7	5.1	71.5
	1990—December	60.8	3.1	63.9	3.2	3.2	67.2	19.5	4.8	77.5
	1991—January	57.2	3.2	60.4	3.2	3.5	63.9	21.5	5.5	74.8
	1991—February	56.9	3.1	60.0	* 2.3	3.0	63.0	23.1	4.7	73.2
FEMALES—	1990—February	37.6	11.7	49.3	* 1.7	* 2.7	52.0	44.4	* 5.2	53.9
	1990—December	36.6	13.4	49.9	* 1.5	* 2.5	52.4	43.9	* 4.8	54.4
	1991—January	40.6	7.7	48.4	* 1.5	* 1.8	50.1	43.8	* 3.6	53.4
	1991—February	34.2	13.6	47.8	* 2.6	3.1	50.9	45.5	6.1	52.8
PERSONS—	1990—February	86.7	18.9	105.6	4.5	5.7	111.3	68.1	5.1	62.1
	1990—December	97.4	16.5	113.9	4.7	5.7	119.6	63.4	4.8	65.3
	1991—January	97.8	10.9	108.8	4.7	5.3	114.1	65.3	4.6	63.6
	1991—February	91.1	16.7	107.8	4.9	6.1	113.9	68.6	5.3	62.4

TABLE 18. LABOUR FORCE STATUS, STATISTICAL REGIONS OF NSW—continued

Month		Employed		Unemployed		Labour force ('000)	Not in labour force ('000)	Unemployment rate (per cent)	Participation rate (per cent)
		Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)				
ST GEORGE-SUTHERLAND STATISTICAL REGION									
MALES—	1990—February	111.6	9.8	121.4	3.2	4.4	125.9	3.5	76.8
	1990—December	112.6	9.4	121.9	3.6	3.9	125.8	40.2	75.8
	1991—January	108.6	9.8	118.5	3.8	3.8	122.3	44.0	73.6
	1991—February	106.7	7.3	113.9	8.3	9.1	123.0	42.9	74.2
FEMALES—	1990—February	49.5	29.5	79.0	3.2	4.2	83.2	80.6	50.8
	1990—December	55.5	27.6	83.1	* 1.6	* 2.9	86.0	83.2	* 3.3
	1991—January	53.4	26.3	79.7	3.4	5.2	84.9	87.2	49.3
	1991—February	55.4	27.5	82.9	3.3	5.4	88.4	84.8	51.0
PERSONS—	1990—February	161.1	39.3	200.4	6.4	8.6	209.1	118.7	63.8
	1990—December	168.1	37.0	205.1	5.2	6.7	211.8	123.4	63.2
	1991—January	162.0	36.2	198.2	7.2	9.0	207.2	131.2	61.2
	1991—February	162.1	34.8	196.9	11.7	14.5	211.4	127.7	62.3
CANTERBURY BANKSTOWN STATISTICAL REGION									
MALES—	1990—February	68.1	4.7	72.8	8.1	9.0	81.9	37.9	68.3
	1990—December	79.8	5.2	85.1	5.4	6.9	92.0	36.3	71.7
	1991—January	75.3	4.7	80.0	9.0	9.3	89.3	36.0	71.3
	1991—February	79.6	3.5	83.1	9.9	10.2	93.3	32.9	73.9
FEMALES—	1990—February	37.5	17.4	54.9	3.1	4.1	59.0	63.8	48.1
	1990—December	42.4	20.1	62.4	2.8	4.3	66.8	59.2	53.0
	1991—January	38.0	14.1	52.2	2.8	3.4	55.5	66.8	45.4
	1991—February	38.7	18.1	56.7	4.1	5.7	62.4	60.4	50.8
PERSONS—	1990—February	105.6	22.1	127.8	11.3	13.1	140.9	101.7	58.1
	1990—December	122.2	25.3	147.5	8.2	11.3	158.8	95.5	62.4
	1991—January	113.3	18.8	132.2	11.8	12.6	144.8	102.8	58.5
	1991—February	118.3	21.6	139.9	14.1	15.9	155.8	93.3	62.2
FAIRFIELD-LIVERPOOL AND OUTER SOUTH WESTERN SYDNEY STATISTICAL REGIONS									
MALES—	1990—February	116.8	7.8	124.5	14.0	14.3	138.8	34.9	79.9
	1990—December	118.1	9.0	127.0	14.6	15.2	142.2	36.0	79.8
	1991—January	121.1	5.3	126.4	15.0	16.4	142.8	38.5	78.8
	1991—February	120.8	6.1	126.9	14.6	16.3	143.2	36.8	79.6
FEMALES—	1990—February	53.3	26.3	79.6	6.6	9.2	88.8	89.1	49.9
	1990—December	52.2	25.7	77.9	5.3	6.9	84.8	89.0	48.8
	1991—January	49.4	21.0	70.4	7.7	10.3	80.6	93.3	46.4
	1991—February	46.5	24.5	71.0	7.1	10.1	81.1	88.6	47.8
PERSONS—	1990—February	170.0	34.1	204.1	20.7	23.5	227.6	123.9	64.7
	1990—December	170.3	34.7	204.9	19.9	22.0	227.0	124.9	64.5
	1991—January	170.4	26.3	196.8	22.7	26.6	223.4	131.8	62.9
	1991—February	167.3	30.6	197.9	21.6	26.5	224.3	125.4	64.2

TABLE 18. LABOUR FORCE STATUS, STATISTICAL REGIONS OF NSW—continued

Month		Employed		Unemployed		Labour force ('000)	Not in labour force ('000)	Unemployment rate (per cent)	Participation rate (per cent)	
		Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)					Total ('000)
FAIRFIELD-LIVERPOOL STATISTICAL REGION										
MALES—	1990—February	69.8	5.1	74.9	11.2	11.5	86.4	24.0	13.3	78.2
	1990—December	66.5	4.1	70.5	10.1	10.7	81.3	24.3	13.2	77.0
	1991—January	69.5	2.9	72.4	10.8	11.3	83.8	27.0	13.5	75.6
	1991—February	66.9	3.0	70.0	11.1	11.8	81.8	26.7	14.5	75.6
FEMALES—	1990—February	30.9	12.9	43.8	4.8	6.9	50.7	61.4	13.6	45.2
	1990—December	30.9	13.1	44.0	3.7	4.5	48.5	58.9	9.3	45.2
	1991—January	29.0	11.2	40.2	5.0	7.3	47.5	60.9	15.3	43.8
	1991—February	25.3	14.1	39.5	4.2	6.0	45.5	59.5	13.3	43.4
PERSONS—	1990—February	100.8	18.0	118.7	16.1	18.4	137.1	85.4	13.4	61.6
	1990—December	97.4	17.2	114.6	13.9	15.2	129.8	83.2	11.7	60.9
	1991—January	98.5	14.1	112.6	13.7	18.6	131.2	87.9	14.2	59.9
	1991—February	92.3	17.2	109.4	15.3	17.9	127.3	86.2	14.0	59.6
CENTRAL WESTERN SYDNEY STATISTICAL REGION										
MALES—	1990—February	73.6	4.2	77.8	5.2	5.7	83.5	29.8	6.8	73.7
	1990—December	71.1	4.9	76.1	9.0	10.6	86.6	28.3	12.2	75.4
	1991—January	70.4	3.9	74.3	8.4	10.1	84.3	32.4	11.9	72.2
	1991—February	72.4	3.8	76.2	6.7	7.4	83.6	30.2	8.8	73.4
FEMALES—	1990—February	35.4	16.4	51.8	* 2.2	3.4	55.2	63.9	6.2	46.3
	1990—December	31.8	17.0	48.7	4.9	6.7	55.4	57.1	12.1	49.3
	1991—January	33.0	12.9	46.0	4.5	5.9	51.8	61.1	11.3	45.9
	1991—February	35.7	13.3	49.0	3.9	4.6	53.6	56.7	8.6	48.6
PERSONS—	1990—February	109.0	20.7	129.6	7.4	9.1	138.7	93.7	6.5	59.7
	1990—December	102.9	21.9	124.8	14.0	17.3	142.1	85.4	12.2	62.5
	1991—January	103.4	16.8	120.2	12.9	15.9	136.1	93.6	11.7	59.3
	1991—February	108.2	17.0	125.2	10.5	12.0	137.2	86.9	8.8	61.2
OUTER WESTERN SYDNEY STATISTICAL REGION										
MALES—	1990—February	72.6	3.5	76.1	3.6	4.3	80.4	16.8	5.3	82.7
	1990—December	65.4	* 2.4	67.8	* 2.7	* 2.9	70.7	17.9	* 4.1	79.8
	1991—January	64.6	* 2.7	67.3	3.2	3.4	70.8	18.3	4.9	79.5
	1991—February	61.4	4.9	66.3	* 2.9	4.2	70.5	18.2	6.0	79.5
FEMALES—	1990—February	32.0	21.7	53.7	* 1.4	* 2.8	56.5	42.7	* 5.0	56.9
	1990—December	32.1	22.7	54.8	* 1.0	* 2.0	56.9	41.7	* 3.5	57.7
	1991—January	32.6	19.8	52.4	* 1.9	* 2.4	54.8	45.4	* 4.4	54.7
	1991—February	29.0	22.9	51.9	* 1.3	* 2.6	54.4	45.5	* 4.7	54.5
PERSONS—	1990—February	104.6	25.3	129.8	5.0	7.1	136.9	59.5	5.2	69.7
	1990—December	97.5	25.1	122.6	3.6	4.9	127.6	59.6	3.9	68.2
	1991—January	97.2	22.5	119.7	5.0	5.9	125.6	63.7	4.7	66.4
	1991—February	90.4	27.8	118.2	4.2	6.8	125.0	63.7	5.4	66.2

TABLE 18. LABOUR FORCE STATUS, STATISTICAL REGIONS OF NSW—continued

Month		Employed		Unemployed		Total (^{'000})	Labour force (^{'000})	Not in labour force (^{'000})	Unemp loyment rate (per cent)	Partici- pation rate (per cent)
		Full-time workers (^{'000})	Part-time workers (^{'000})	Looking for full- time work (^{'000})	Total (^{'000})					
BLACKTOWN-BAULKHAM HILLS STATISTICAL REGION										
MALES—	1990— February	91.4	7.1	98.5	2.2	3.4	101.9	22.4	3.3	82.0
	1990— December	89.0	7.8	96.8	4.9	5.9	102.7	25.6	5.7	80.0
	1991— January	86.1	7.3	93.4	6.7	7.7	101.1	26.0	7.6	79.5
	February	87.7	6.4	94.1	6.9	7.7	101.8	24.4	7.6	80.6
FEMALES—	1990— February	39.8	29.3	69.1	4.4	6.1	75.2	53.3	8.2	58.5
	1990— December	45.9	23.8	69.8	3.4	5.7	75.5	54.7	7.6	58.0
	1991— January	41.9	20.4	62.3	4.2	6.2	68.5	60.9	9.1	53.0
	February	42.0	22.1	64.1	2.7	5.8	69.9	54.4	8.3	56.2
PERSONS—	1990— February	131.2	36.4	167.5	6.6	9.5	177.1	75.7	5.4	70.1
	1990— December	134.9	31.7	166.6	8.2	11.6	178.2	80.3	6.5	68.9
	1991— January	128.0	27.8	155.7	10.9	13.9	169.6	86.9	8.2	66.1
	February	129.7	28.6	158.2	9.7	13.5	171.7	78.9	7.9	68.5
LOWER NORTHERN SYDNEY STATISTICAL REGION										
MALES—	1990— February	75.5	5.9	81.4	* 1.8	* 2.8	84.2	22.2	* 3.3	79.1
	1990— December	76.8	10.3	87.0	4.3	5.1	92.1	21.9	5.5	80.8
	1991— January	75.3	6.9	82.1	* 3.5	4.0	86.2	28.2	4.7	75.3
	February	79.8	7.5	87.3	4.0	4.4	91.8	24.1	4.8	79.2
FEMALES—	1990— February	47.7	20.7	68.4	* 1.7	* 2.1	70.6	52.6	* 3.0	57.3
	1990— December	47.9	20.4	68.3	* 2.3	* 2.3	70.6	58.2	* 3.3	54.8
	1991— January	47.9	15.4	63.3	* 3.1	* 3.6	66.9	58.2	* 5.4	53.5
	February	47.8	19.5	67.3	* 2.6	4.9	72.2	56.0	6.7	56.3
PERSONS—	1990— February	123.2	26.7	149.8	* 3.4	4.9	154.8	74.8	3.2	67.4
	1990— December	124.7	30.7	155.4	6.6	7.4	162.7	80.1	4.5	67.0
	1991— January	123.1	22.3	145.5	6.6	7.5	153.1	86.4	5.0	63.9
	February	127.6	27.0	154.6	6.5	9.3	163.9	80.0	5.7	67.2
HORNSBY-KY-RING-GAI STATISTICAL REGION										
MALES—	1990— February	58.8	6.3	65.1	* 1.0	* 1.6	66.6	22.5	* 2.3	74.7
	1990— December	54.8	7.2	62.0	* 1.3	* 2.5	64.4	16.1	* 3.8	80.0
	1991— January	52.6	6.0	58.6	* 2.3	3.8	62.4	20.0	6.1	75.7
	February	56.2	6.2	62.4	* 2.5	3.5	66.0	22.5	5.4	74.6
FEMALES—	1990— February	24.4	22.5	46.9	* 1.2	* 2.2	49.1	44.0	* 4.4	52.7
	1990— December	24.4	22.5	46.9	* 0.7	* 2.0	48.9	41.9	* 4.1	53.9
	1991— January	25.2	23.4	48.6	* 1.5	* 2.6	51.2	41.3	* 5.0	55.3
	February	24.8	24.0	48.8	* 0.8	4.4	53.2	41.8	8.3	56.0
PERSONS—	1990— February	83.2	28.8	112.0	* 2.3	3.7	115.7	66.6	3.2	63.5
	1990— December	79.1	29.7	108.9	* 2.0	4.5	113.4	58.0	4.0	66.2
	1991— January	77.8	29.4	107.2	3.8	6.4	113.5	61.3	5.6	64.9
	February	81.0	30.2	111.2	* 3.3	8.0	119.2	64.3	6.7	65.0

TABLE 18. LABOUR FORCE STATUS, STATISTICAL REGIONS OF NSW—continued

Month		Employed		Unemployed		Labour force (^{'000})	Not in labour force (^{'000})	Unemployment rate (per cent)	Participation rate (per cent)	
		Full-time workers (^{'000})	Part-time workers (^{'000})	Total (^{'000})	Looking for full-time work (^{'000})					Total (^{'000})
MANLY-WARRINGAH STATISTICAL REGION										
MALES—	1990—February	57.4	6.4	63.8	* 1.0	* 1.0	64.8	19.2	* 1.5	77.2
	1990—December	57.7	5.7	63.4	* 0.8	* 1.4	64.7	17.8	* 2.1	78.5
	1991—January	53.6	4.6	58.2	* 1.0	* 1.0	59.2	21.4	* 1.7	73.5
	1991—February	54.7	5.3	60.0	* 1.6	2.1	62.0	18.3	3.3	77.2
FEMALES—	1990—February	29.4	17.4	46.8	* 1.6	3.1	49.9	38.8	6.3	56.3
	1990—December	31.3	18.1	49.3	* 1.0	2.1	51.4	38.1	4.0	57.5
	1991—January	28.3	16.4	44.7	* 1.3	* 1.8	46.6	39.4	* 3.9	54.2
	1991—February	30.1	16.9	47.0	2.6	3.3	50.4	38.6	6.6	56.6
PERSONS—	1990—February	86.8	23.8	110.6	2.6	4.1	114.7	58.0	3.6	66.4
	1990—December	88.9	23.8	112.7	* 1.8	3.4	116.2	55.8	3.0	67.5
	1991—January	82.0	21.0	102.9	2.3	2.8	105.7	60.8	2.7	63.5
	1991—February	84.8	22.2	107.0	4.1	5.4	112.4	56.9	4.8	66.4
GOSFORD-WYONG STATISTICAL REGION										
MALES—	1990—February	47.4	4.5	51.9	5.8	6.4	58.3	23.9	11.0	70.9
	1990—December	54.5	3.9	58.3	5.0	5.3	63.6	28.1	8.3	69.4
	1991—January	54.2	3.8	58.1	6.7	7.5	65.6	30.7	11.4	68.1
	1991—February	52.0	5.9	57.9	6.1	6.9	64.8	29.0	10.6	69.1
FEMALES—	1990—February	18.8	18.3	37.2	* 1.2	* 2.9	40.1	53.9	* 7.3	42.7
	1990—December	21.8	16.0	37.9	* 2.8	3.9	41.7	56.4	9.3	42.5
	1991—January	21.1	14.4	35.5	* 2.6	4.7	40.2	59.9	11.6	40.2
	1991—February	18.1	17.2	35.2	* 2.5	4.3	39.5	58.4	11.0	40.4
PERSONS—	1990—February	66.2	22.8	89.0	7.0	9.3	98.4	77.7	9.5	55.9
	1990—December	76.3	19.9	96.2	7.8	9.2	105.3	84.5	8.7	55.5
	1991—January	75.3	18.3	93.6	9.3	12.1	105.8	90.6	11.5	53.9
	1991—February	70.0	23.1	93.1	8.7	11.2	104.3	87.4	10.8	54.4
HUNTER STATISTICAL REGION										
MALES—	1990—February	131.4	8.2	139.7	10.5	10.8	150.4	56.6	7.2	72.7
	1990—December	127.6	10.6	138.2	11.5	13.1	151.3	53.5	8.6	73.9
	1991—January	125.3	10.5	135.8	11.8	12.7	148.5	52.7	8.5	73.8
	1991—February	128.7	11.4	140.1	11.7	12.5	152.5	54.0	8.2	73.9
FEMALES—	1990—February	52.0	30.1	82.0	7.3	9.9	91.9	118.7	10.8	43.6
	1990—December	51.6	39.4	91.1	4.9	7.2	98.2	111.2	7.3	46.9
	1991—January	53.3	36.7	90.0	6.9	9.5	99.6	111.5	9.6	47.2
	1991—February	46.6	42.5	89.1	7.7	9.5	98.7	107.8	9.6	47.8
PERSONS—	1990—February	183.4	38.3	221.7	17.9	20.7	242.4	175.3	8.5	58.0
	1990—December	179.2	50.1	229.3	16.4	20.3	249.5	164.8	8.1	60.2
	1991—January	178.6	47.2	225.9	18.8	22.2	248.1	164.3	9.0	60.2
	1991—February	175.3	53.9	229.2	19.4	22.0	251.2	161.8	8.7	60.8

TABLE 18. LABOUR FORCE STATUS, STATISTICAL REGIONS OF NSW—continued

Month		Employed		Unemployed		Labour force ('000)	Not in labour force ('000)	Unemployment rate (per cent)	Participation rate (per cent)
		Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)				
NEWCASTLE STATISTICAL REGION SECTOR									
MALES—	1990—February	110.6	7.0	117.6	9.4	9.4	127.1	48.8	72.3
	1990—December	108.0	8.4	116.4	10.4	12.0	128.4	47.1	73.1
	1991—January	106.8	9.2	116.0	11.0	11.8	127.9	45.2	73.9
	1991—February	110.4	10.1	120.5	10.7	11.4	131.9	46.6	73.9
FEMALES—	1990—February	42.8	25.8	68.5	6.0	8.3	76.8	99.4	43.6
	1990—December	45.8	33.0	78.8	4.1	5.9	84.7	95.8	46.9
	1991—January	46.4	32.5	78.9	5.5	7.6	86.6	96.3	47.3
	1991—February	41.0	36.7	77.8	7.7	9.3	87.0	93.0	48.4
PERSONS—	1990—February	153.4	32.8	186.1	15.4	17.7	203.9	148.2	57.9
	1990—December	153.8	41.4	195.2	14.5	17.9	213.1	143.0	59.8
	1991—January	153.2	41.7	195.0	16.5	19.5	214.4	141.5	60.3
	1991—February	151.5	46.8	198.3	18.3	20.7	218.9	139.6	61.1
ILLAWARRA AND SOUTH EASTERN STATISTICAL REGIONS									
MALES—	1990—February	109.9	8.5	118.5	9.6	10.5	129.0	57.8	69.1
	1990—December	115.1	9.8	124.9	11.7	12.7	137.6	49.6	73.5
	1991—January	115.3	8.6	123.9	12.5	13.6	137.6	47.4	74.4
	1991—February	119.0	7.9	127.0	11.4	11.6	138.6	50.7	73.2
FEMALES—	1990—February	43.3	31.7	75.0	8.4	11.3	86.4	106.3	44.8
	1990—December	44.1	32.6	76.7	4.3	7.9	84.6	104.3	44.8
	1991—January	43.9	31.0	74.9	4.2	6.9	81.9	105.6	43.7
	1991—February	44.1	34.6	78.8	3.8	8.2	87.0	103.3	45.7
PERSONS—	1990—February	153.3	40.2	193.5	18.0	21.9	215.4	164.1	56.8
	1990—December	159.3	42.4	201.6	16.0	20.6	222.3	154.0	59.1
	1991—January	159.2	39.6	198.9	16.7	20.6	219.4	153.0	58.9
	1991—February	163.2	42.6	205.7	15.1	19.9	225.6	154.0	59.4
ILLAWARRA STATISTICAL REGION									
MALES—	1990—February	74.9	6.5	81.4	7.5	8.5	89.9	41.1	68.6
	1990—December	79.6	4.7	84.2	9.5	10.6	94.8	34.0	73.6
	1991—January	78.0	4.8	82.8	10.0	10.6	93.4	32.7	74.1
	1991—February	82.3	4.2	86.5	8.7	8.7	95.2	33.2	74.2
FEMALES—	1990—February	29.5	22.8	52.3	5.1	7.7	60.1	72.8	45.2
	1990—December	31.0	20.8	51.8	3.5	5.6	57.4	74.7	43.4
	1991—January	29.5	20.2	49.7	3.9	6.1	55.9	74.8	42.8
	1991—February	30.0	22.7	52.7	3.0	6.9	59.6	72.7	45.1
PERSONS—	1990—February	104.4	29.3	133.7	12.5	16.2	149.9	114.0	56.8
	1990—December	110.6	25.5	136.0	13.0	16.1	152.2	108.7	58.3
	1991—January	107.5	25.0	132.6	13.9	16.7	149.3	107.4	58.2
	1991—February	112.2	26.9	139.1	11.7	15.7	154.8	105.8	59.4

TABLE 18. LABOUR FORCE STATUS, STATISTICAL REGIONS OF NSW—continued

Month		Employed		Unemployed		Total ('000)	Labour force ('000)	Not in labour force ('000)	Unemployment rate (per cent)	Participation rate (per cent)
		Full-time workers ('000)	Part-time workers ('000)	Looking for full-time work ('000)	Total ('000)					
WOLLONGONG STATISTICAL REGION SECTOR										
MALES—	1990—February	55.7	4.9	60.7	5.4	6.1	66.8	25.5	9.1	72.4
	1990—December	59.2	3.0	62.2	6.6	7.1	69.3	24.0	10.3	74.3
	1991—January	58.6	3.2	61.8	7.0	7.3	69.1	24.0	10.5	74.3
	1991—February	61.7	2.9	64.6	6.5	6.5	71.1	24.0	9.2	74.7
FEMALES—	1990—February	23.2	12.7	35.9	3.0	4.6	40.5	50.3	11.4	44.6
	1990—December	24.8	12.1	36.9	3.0	4.3	41.2	51.8	10.4	44.3
	1991—January	22.8	12.4	35.2	3.7	5.4	40.6	51.7	13.3	44.0
	1991—February	23.9	14.9	38.8	2.5	5.5	44.3	50.4	12.4	46.8
PERSONS—	1990—February	78.9	17.6	96.5	8.4	10.7	107.3	75.7	10.0	58.6
	1990—December	84.0	15.1	99.0	9.6	11.4	110.5	75.8	10.3	59.3
	1991—January	81.4	15.6	97.0	10.7	12.7	109.7	75.7	11.5	59.2
	1991—February	85.6	17.8	103.4	9.0	12.0	115.4	74.4	10.4	60.8
RICHMOND-TWEED AND MID-NORTH COAST STATISTICAL REGIONS										
MALES—	1990—February	79.4	9.7	89.1	12.7	14.0	103.1	46.2	13.6	69.1
	1990—December	72.6	9.2	81.8	11.1	11.6	93.4	46.9	12.4	66.6
	1991—January	74.0	10.8	84.8	14.9	15.7	100.5	44.9	15.6	69.1
	1991—February	73.2	13.0	86.3	15.1	15.9	102.2	48.4	15.6	67.9
FEMALES—	1990—February	29.4	20.6	49.9	6.9	8.9	58.8	85.1	15.2	40.9
	1990—December	27.9	27.2	55.1	7.6	9.1	64.2	82.2	14.2	43.8
	1991—January	31.2	23.7	55.0	6.0	8.3	63.2	84.8	13.1	42.7
	1991—February	31.3	25.6	56.9	5.3	7.7	64.6	85.6	11.9	43.0
PERSONS—	1990—February	108.8	30.2	139.0	19.7	22.9	162.0	131.2	14.2	55.2
	1990—December	100.5	36.4	136.9	18.7	20.7	157.6	129.1	13.1	55.0
	1991—January	105.2	34.6	139.8	20.9	24.0	163.8	129.7	14.7	55.8
	1991—February	104.6	38.6	143.2	20.4	23.6	166.8	134.0	14.2	55.5
NORTHERN, NORTH WESTERN AND CENTRAL WEST STATISTICAL REGIONS										
MALES—	1990—February	115.1	8.3	123.4	5.4	6.5	129.9	41.0	5.0	76.0
	1990—December	124.0	8.7	132.7	8.8	9.3	142.0	38.5	6.6	78.7
	1991—January	124.4	8.9	133.3	11.0	11.5	144.8	42.3	8.0	77.4
	1991—February	115.9	10.4	126.3	11.4	11.9	138.2	43.6	8.6	76.0
FEMALES—	1990—February	43.4	34.2	77.6	5.9	8.2	85.8	89.6	9.6	48.9
	1990—December	50.3	36.7	86.9	4.9	6.9	93.9	86.8	7.4	52.0
	1991—January	50.0	31.8	81.8	5.2	7.0	88.8	96.9	7.9	47.8
	1991—February	47.5	37.8	85.3	5.9	7.5	92.8	93.0	8.1	49.9
PERSONS—	1990—February	158.5	42.5	201.0	11.4	14.7	215.7	130.6	6.8	62.3
	1990—December	174.2	45.4	219.6	13.8	16.3	235.8	125.3	6.9	65.3
	1991—January	174.4	40.7	215.1	16.1	18.5	233.6	139.2	7.9	62.7
	1991—February	163.4	48.2	211.6	17.3	19.3	230.9	136.6	8.4	62.8

TABLE 18. LABOUR FORCE STATUS, STATISTICAL REGIONS OF NSW—continued

Month		Employed		Unemployed		Labour force ('000)	Not in labour force ('000)	Unemployment rate (per cent)	Participation rate (per cent)	
		Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)					Total ('000)
MURRAY-MURRUMBIDGEE STATISTICAL REGION										
MALES—	1990—									
	February	63.2	4.4	67.5	4.1	4.1	71.6	20.1	5.8	78.1
	1990—									
	December	65.8	4.9	70.7	4.2	4.5	75.2	20.8	6.0	78.4
	1991—									
	January	60.3	5.7	66.0	* 3.8	* 3.8	69.8	22.2	* 5.4	75.9
	February	56.1	* 3.6	59.7	4.9	4.9	64.6	22.3	7.5	74.3
FEMALES—	1990—									
	February	24.2	17.7	41.9	* 2.8	* 2.8	44.7	51.5	* 6.3	46.4
	1990—									
	December	24.9	20.7	45.6	4.4	6.4	52.0	47.1	12.3	52.5
	1991—									
	January	27.7	17.4	45.0	* 3.6	* 3.9	48.9	46.1	* 8.0	51.5
	February	24.3	17.5	41.8	* 3.3	4.0	45.8	48.8	8.7	48.4
PERSONS—	1990—									
	February	87.4	22.0	109.4	6.9	6.9	116.3	71.7	5.9	61.9
	1990—									
	December	90.7	25.6	116.3	6.5	10.9	127.2	67.9	8.6	65.2
	1991—									
	January	88.0	23.1	111.1	7.3	7.7	118.7	68.3	6.5	63.5
	February	80.4	21.1	101.5	8.2	8.8	110.4	71.1	8.0	60.8

TABLE 19. EMPLOYED PERSONS: AGE, STATISTICAL REGIONS OF NSW ('000)

Region	Age group (years)							
	15-24		25-34		35-54		55 and over	
	February 1990	February 1991	February 1990	February 1991	February 1990	February 1991	February 1990	February 1991
Inner Sydney and Inner Western Sydney (SRs)	29.5	35.6	65.7	65.4	74.6	73.2	16.2	13.0
Inner Sydney (SR)	17.3	19.4	39.8	41.9	49.2	45.7	10.1	7.5
Eastern Suburbs (SR)	21.6	23.2	31.4	27.3	39.6	48.6	13.0	8.7
St George-Sutherland (SR)	38.1	39.3	54.8	51.5	86.2	82.5	21.4	23.6
Canterbury-Bankstown (SR)	29.2	26.9	33.8	42.1	51.3	54.1	13.5	16.8
Fairfield-Liverpool and Outer South Western Sydney (SRs)	41.5	39.7	60.2	48.9	89.6	95.9	12.8	13.4
Fairfield-Liverpool (SR)	24.1	20.9	32.5	27.4	54.0	52.7	8.1	8.5
Central Western Sydney (SR)	30.2	26.3	31.0	34.2	57.4	50.8	11.1	14.0
Outer Western Sydney (SR)	27.5	22.2	36.5	32.9	56.4	54.8	9.4	8.2
Blacktown-Baulkham Hills (SR)	39.0	32.5	36.0	39.1	84.0	78.8	8.6	7.7
Lower Northern Sydney (SR)	32.1	30.0	46.6	45.0	52.7	64.8	18.4	14.9
Hornsby-Ku-ring-gai (SR)	19.5	19.5	21.3	20.2	55.0	54.7	16.1	16.8
Manly-Warringah (SR)	25.5	20.4	24.3	26.6	44.8	49.0	16.0	11.1
Gosford-Wyong (SR)	17.7	17.3	21.2	24.0	44.3	44.0	5.8	7.7
Sydney (MSR)	351.4	313.0	462.7	457.0	735.9	751.1	162.4	156.0
Hunter (SR)	50.9	54.6	59.6	55.6	96.6	100.3	14.5	18.7
Newcastle (SRs)	44.0	50.2	53.4	46.2	78.7	87.2	10.0	14.7
Illawarra and South Eastern (SRs)	47.0	42.7	48.4	58.5	83.7	89.0	14.4	15.6
Illawarra (SR)	35.1	31.6	32.9	36.8	57.0	60.1	8.8	10.7
Wollongong (SRs)	28.0	26.6	22.7	28.8	38.9	40.4	6.9	7.6
Richmond-Tweed and Mid-North Coast (SRs)	26.0	28.0	32.4	36.7	66.0	62.3	14.7	16.1
Northern, North Western and Central West (SRs)	42.3	41.7	51.2	48.9	90.0	93.3	17.5	27.7
Murray-Murrumbidgee (SR)	23.4	20.2	25.1	26.9	49.7	41.7	11.2	12.8
Balance of New South Wales (MSR) (a)	190.4	190.3	219.7	229.1	390.1	391.5	73.1	91.9
NEW SOUTH WALES	541.8	523.3	682.5	686.2	1,126.0	1,142.6	235.5	247.9

(a) Includes Far West Statistical Division.

TABLE 20. UNEMPLOYED PERSONS: UNEMPLOYMENT RATE BY AGE, STATISTICAL REGIONS OF NSW

Region	Unemployed persons ('000)				Unemployment rate (per cent)			
	15-24		25 and over		15-24		25 and over	
	February 1990	February 1991	February 1990	February 1991	February 1990	February 1991	February 1990	February 1991
	1990	1991	1990	1991	1990	1991	1990	1991
Inner Sydney and Inner Western Sydney (SRs)	* 3.4	8.2	8.4	10.7	* 10.5	18.7	5.1	6.6
Inner Sydney (SR)	* 3.0	5.0	6.0	6.8	* 14.2	20.4	5.7	6.7
Eastern Suburbs (SR)	* 2.4	* 1.9	3.3	4.2	* 10.0	* 7.4	3.8	4.7
St George-Sutherland (SR)	* 2.5	4.0	6.1	10.5	* 6.2	9.2	3.6	6.3
Canterbury-Bankstown (SR)	5.5	5.6	7.6	10.3	15.9	17.3	7.2	8.3
Fairfield-Liverpool and Outer South Western Sydney (SRs)	9.9	13.3	13.6	13.1	19.2	25.1	7.7	7.7
Fairfield-Liverpool (SR)	7.6	8.9	10.8	8.9	24.0	30.0	10.2	9.2
Central Western Sydney (SR)	* 2.6	5.8	6.5	6.3	* 7.9	18.0	6.1	6.0
Outer Western Sydney (SR)	* 2.7	3.6	4.4	3.2	* 9.0	14.0	4.1	3.2
Blacktown-Baulkham Hills (SR)	5.5	8.7	4.1	4.7	12.3	21.2	3.1	3.6
Lower Northern Sydney (SR)	* 2.6	* 2.8	* 2.3	6.5	* 7.6	* 8.6	* 1.9	4.9
Hornsby-Ku-ring-gai (SR)	* 1.7	4.8	* 2.0	* 3.1	* 8.2	19.9	* 2.1	* 3.3
Manly-Warringah (SR)	2.1	* 1.8	2.0	3.6	7.5	* 8.0	2.3	4.0
Goosford-Wyong (SR)	4.0	3.7	5.4	7.5	18.3	17.6	7.0	9.0
Sydney (MSR)	44.9	64.2	65.7	83.7	11.3	16.2	4.6	5.8
Hunter (SR)	8.0	9.2	12.6	12.8	13.6	14.4	6.9	6.8
Newcastle (SRS)	7.5	9.2	10.3	11.5	14.5	15.5	6.7	7.2
Illawarra and South Eastern (SRs)	10.5	8.0	11.3	11.9	18.3	15.8	7.2	6.8
Illawarra (SR)	6.6	6.9	9.6	8.8	15.8	17.9	8.9	7.6
Wollongong (SRS)	4.2	5.7	6.5	6.3	13.0	17.6	8.7	7.6
Richmond-Tweed and Mid-North Coast (SRs)	9.5	8.7	13.5	14.9	26.7	23.7	10.6	11.5
Northern, North Western and Central West (SRs)	6.5	7.7	8.3	11.6	13.2	15.6	4.9	6.4
Murray-Murrumbidgee (SR)	* 3.6	4.2	* 3.3	4.6	* 13.3	17.3	* 3.7	5.4
Balance of New South Wales (MSR) (a)	38.6	38.3	49.3	57.0	16.8	16.8	6.7	7.4
NEW SOUTH WALES	83.5	102.5	115.0	140.7	13.4	16.4	5.3	6.3

(a) Includes Far West Statistical Division.

NEW SOUTH WALES STATISTICAL REGIONS



SYDNEY STATISTICAL REGIONS



1. INNER WESTERN SYDNEY (SR) (a)
2. INNER SYDNEY (SR)
3. EASTERN SUBURBS (SR)
4. ST GEORGE - SUTHERLAND (SR)
5. CANTERBURY - BANKSTOWN (SR)

6. CENTRAL WESTERN SYDNEY (SR)
7. BLACKTOWN - BAULKHAM HILLS (SR)
8. LOWER NORTHERN SYDNEY (SR)
9. HORNSBY - KU-RING-GAI (SR)
10. MANLY - WARRINGAH (SR)

(a) Not published separately

EXPLANATORY NOTES

The February 1988 issue of this publication contains a more detailed description of the survey and the definitions used. That issue also includes a comprehensive technical note on data reliability.

Introduction

This publication contains estimates of the civilian labour force derived from the labour force survey component of the monthly population survey, which is conducted on a sample basis throughout Australia.

The population survey

2. This survey consists of the labour force survey and, in most months, one or more supplementary topics. The survey is based on a multi-stage area sample of private dwellings (houses, flats, etc.) and non-private dwellings (hotels, motels, etc.) and covers slightly less than one-half of one per cent of the population of New South Wales. 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:

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

Definitions

4. The labour force category to which a person is assigned depends on the actual activity undertaken during the reference week (i.e. whether working, looking for work, etc.). The following definitions, which conform closely to the international standard definitions specified by the International Labour Office (ILO), relate only to those persons within the scope of the survey.

5. *Employed persons* comprise all civilians aged 15 and over who, during the reference week:

- (a) worked for one hour or more for pay, profit, commission or payment in kind (including employees, employers and self-employed persons) in a job or business, or on a farm; 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.

6. Prior to April 1986, unpaid family helpers who worked for 1 to 14 hours were excluded from the category of employed persons.

7. Employed persons can be classified into:

(a) *full-time workers* (i.e. those who usually worked 35 hours or more a week (in all jobs) and others who, although usually part-time workers, worked 35 hours or more during the reference week); and

(b) *part-time workers* (i.e. those who usually worked less than 35 hours a week and who did so during the reference week).

8. *Unemployed persons* are all those 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.

9. *Actively looking for work* includes writing, telephoning or applying in person to an employer for work; answering a newspaper advertisement for a job; checking factory or Commonwealth Employment Service notice-

boards; being registered with the Commonwealth Employment Service; checking or registering with any other employment agency; advertising or tendering for work; and contacting friends or relatives.

10. The *unemployment rate* for any group is the number unemployed expressed as a percentage of the labour force (i.e. employed plus unemployed) in the same group.

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

12. *Persons not in the labour force* are those who, during the reference week, were not in the categories employed or unemployed as defined above.

13. The *labour force participation rate* for any group is the labour force expressed as a percentage of the civilian population aged 15 and over in the same group.

14. *Duration of unemployment* is the period from the time the person began looking for work or was stood down to the end of the reference week.

15. *Unemployed persons classified by industry and occupation.* Unemployed persons who had worked full-time for two weeks or more in the last two years are classified according to the industry and occupation of their most recent full-time job.

16. *Marital status.* In the labour force survey, persons are classified as *married* or *not married*. Persons are classified as *married* if they are reported as being married (including de facto) and their spouse was a usual resident of the household at the time of the survey.

17. *Persons attending school or a tertiary educational institution.* Persons attending school comprise those aged 15 to 19 who, during the reference week, were enrolled full-time at secondary or high schools (including boarding school pupils). Persons attending a tertiary educational institution comprise those aged 15 to 24 who were enrolled full-time at universities, colleges of advanced education, technical colleges, colleges of technical and further education, and theological colleges.

18. *Industry classification.* The classification of industry is in accordance with the Australian Standard Industrial Classification (ASIC) described in *Australian Standard Industrial Classification, Vol. 1 — The Classification* (1201.0).

19. *Occupation classification.* Occupation data are presented in accordance with the *Australian Standard Classification of Occupations (ASCO)* (1221.0 and 1222.0).

Statistical areas of New South Wales

20. The statistical regional structure used in tables 18 to 20 is based on the Australian Standard Geographical Classification (ASGC). For further information concerning

statistical areas, please refer to the publications *Regional Statistics, New South Wales* (1304.1) and *Australian Standard Geographical Classification* (1216.0).

Seasonal adjustment and trend estimation

21. Seasonally adjusted and trend estimation series are included in this publication in Table 2. 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 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.

22. Smoothing seasonally adjusted series produces a measure of the underlying trend by reducing the impact of the irregular component of the series. The trend estimates are derived by applying a 13-term Henderson-weighted moving average to the respective seasonally adjusted series. While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available.

Reliability of the estimates

23. Estimates in this publication are subject to sampling and non-sampling errors. The Technical Note at the end of this publication gives information on these sources of error.

Related publications

24. Users may also wish to refer to the following related publications which are available from the ABS Bookshop:

Regional Statistics, New South Wales (1304.1) issued annually

A Guide to Smoothing Time Series — Estimates of 'Trend' (1316.0)

Time Series Decomposition — An Overview (1317.0)

Labour Statistics, Australia (6101.0) issued annually

A Guide to Labour Statistics (6102.0)

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

The Labour Force, Australia (6203.0) issued monthly

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

Information Paper: Labour Force Survey — Sample Design (6269.0)

Information Paper: Labour Force Survey — Measuring Teenage Unemployment (6270.0)

*Technical Paper: The Labour Force, Australia:
Preliminary Data on Floppy Disk — Technical
Details (6271.0)*

Additional data

25. In addition to the labour force survey, the ABS publishes a wide range of supplementary labour market information. For details see page 5 of this publication.

26. The ABS can also make available information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, floppy disk, computer printout, clerically-extracted tabulation. In general, a charge is made for providing unpublished information.

Symbols and other usages

- | | |
|--------|--|
| n.e.c. | not elsewhere classified |
| MSR | Major Statistical Region |
| SR | Statistical Region |
| SRS | Statistical Region Sector |
| * | subject to sampling variability too high for most practical purposes. See paragraph 6 of the Technical Note on Data Reliability. |

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

TECHNICAL NOTE ON DATA RELIABILITY

Sources of error

There are a number of possible sources of error in sample surveys and these can be classified into two types: *sampling error*; and *non-sampling error*.

Non-sampling errors

2. Non-sampling errors may arise as a result of errors in the reporting, recording or processing of the data and can occur even if there is a complete enumeration of the population. Non-sampling errors can be introduced through: inadequacies in the questionnaire; non-response; inaccurate reporting by respondents; errors in the application of survey procedures; incorrect recording of answers; and errors in data entry and processing.

3. It is difficult to measure the size of the non-sampling errors and the extent of these errors could vary considerably in significance from survey to survey, and from question to question. However, every effort is made in the design of the survey and development of survey procedures to minimise the effect of these errors.

Sampling errors

4. Sampling error is the error which occurs by chance because the data were only obtained from a sample, not the entire population.

Standard error of estimates

5. One measure of the variability of estimates which occurs as a result of surveying only a sample of the population is the *standard error* (SE). There are about two chances in three that a survey estimate is within one standard error of the figure that would have been obtained if all persons had been included and about nineteen chances in twenty that it is within two standard errors. That is, there are 19 chances in 20 that the true estimate is in the range —

$$X - 2 \times SE(X) \text{ to } X + 2 \times SE(X)$$

(where X is the estimate)

The standard error of an estimate can be obtained from Table A. Linear interpolation should be used to calculate the standard error of estimates falling between the sizes of estimates listed in the table (see example below Table A).

6. 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 (e.g. *3.4) to indicate they are subject to high standard errors and should be used with caution.

Relative standard errors

7. The standard error can also be expressed as a percentage of the estimate and this is known as the *relative standard error* (RSE). The RSE is determined by dividing the standard error of an estimate $SE(X)$ by the estimate X and expressing it as a percentage. That is,

$$RSE(X) = \frac{SE(X) \times 100}{X}$$

(where X is the estimate)

8. The look up list on the following page provides a guide for the calculation of standard errors and relative standard errors for a range of statistics.

METHODS FOR CALCULATING THE STANDARD ERRORS FOR SELECTED ESTIMATES

<i>Measure of reliability to be determined</i>	<i>Method</i>
Standard errors of estimates of employed persons.	Determine the SE from Table A directly.
Standard errors of estimates of unemployed persons.	Multiply the SE from Table A by 1.06.
Standard errors of estimates of persons not in the labour force.	Multiply the SE from Table A by 1.1.
Standard errors of rates (eg the unemployment rate which is based on the number of unemployed persons expressed as a percentage of the number of persons in the labour force).	Determine the RSE of the numerator (X) and the denominator (Y) then apply the following formula. $RSE(X/Y) = \sqrt{[RSE(X)]^2 + [RSE(Y)]^2}$
Standard error of average duration of unemployment.	Determine the RSE for the number of persons on which the average is based and multiply this by 1.3.
Standard error of median duration of unemployment.	Determine the RSE for the number of persons on which the average is based and multiply this by 2.0.
Standard error of monthly movements.	Using Table B, look up the SE of the larger estimate.
Standard error of quarterly movements.	Determine the standard error of the larger estimate (using Table A) and multiply this by 1.3.
Standard error of annual movements.	Determine the standard error of the larger estimate (using Table A) and multiply this by 1.3.

Linear interpolation

Linear interpolation is used to determine the standard error of an estimate which falls between two values listed in the *size of estimate* column in Tables A or B. Linear interpolation is best described using an example. In February 1991, there were 663,600 (X_e) employed females working full-time in New South Wales. This estimate falls between the values 500,000 (X_l) and 1,000,000 (X_u) in Table A.

The standard error of the estimate is determined as follows.

$$\begin{aligned} \text{Firstly, calculate } F &= \frac{X_e - X_l}{X_u - X_l} \\ &= \frac{663,600 - 500,000}{1,000,000 - 500,000} \\ &= 0.327 \end{aligned}$$

Secondly, calculate the standard error of the estimate, $SE(X_e)$ thus,

$$\begin{aligned} SE(X_e) &= SE(X_l) + F \times [SE(X_u) - SE(X_l)] \\ &= 8,000 + 0.327 \times [10,300 - 8,000] \\ &= 8,752 \\ &= 8,800 \quad \text{rounding to the nearest 100} \end{aligned}$$

Therefore the standard error of the number of employed females working full-time in New South Wales (663,600) is 8,800.

TABLE A. STANDARD ERRORS OF ESTIMATES, STATISTICAL REGIONS OF NSW

Size of estimate	Statistical regions in Sydney (MSR)							
	NSW, Sydney (MSR); Balance of NSW (MSR)	Inner Sydney and Inner Western Sydney	Inner Sydney	Eastern Suburbs	St George-Sutherland	Canterbury-Bankstown	Fairfield-Liverpool and Outer South Western Sydney	Fairfield-Liverpool
500	380	310	300	270	270	260	300	260
1,000	540	450	440	390	400	370	430	380
3,000	920	810	790	700	710	670	780	680
5,000	1,200	1,050	1,050	930	940	890	1,000	900
10,000	1,600	1,350	1,300	1,250	1,350	1,300	1,500	1,300
20,000	2,200	2,250	2,200	2,000	2,000	1,900	2,150	1,900
50,000	3,250	3,700	3,700	3,300	3,350	3,150	3,550	3,200
100,000	4,300	5,400	5,500	4,900	4,950	4,700	5,100	4,750
200,000	5,700	7,800	8,100	7,300	7,400	7,000	7,500	7,000
300,000	6,600	9,800	10,300	9,200	9,300	8,800	9,300	8,900
500,000	8,000	12,900	13,800	12,400	12,500	11,800	12,300	11,900
1,000,000	10,300	18,800	20,700	18,600	18,800	17,800	18,000	17,900
2,000,000	13,000	27,500	31,200	28,000	28,300	26,700	26,300	27,000
5,000,000	17,600	45,600	53,900	48,300	48,800	46,100	43,600	46,600

Size of estimate	Statistical regions in Sydney (MSR) —continued						
	Central Western Sydney	Outer Western Sydney	Blacktown-Baulkham Hills	Lower Northern Sydney	Hornsby-Kuringgai	Manly-Warringah	Gosford-Wyong
500	280	290	240	330	290	230	300
1,000	400	410	350	480	420	330	430
3,000	720	740	630	860	760	600	780
5,000	950	980	840	1,150	1,000	790	1,050
10,000	1,400	1,450	1,200	1,650	1,450	1,150	1,500
20,000	2,050	2,100	1,800	2,400	2,150	1,700	2,200
50,000	3,400	3,500	3,000	4,050	3,550	2,800	3,650
100,000	5,000	5,200	4,400	6,000	5,300	4,150	5,400
200,000	7,500	7,700	6,600	8,900	7,800	6,200	8,100
300,000	9,400	9,700	8,300	11,200	9,900	7,800	10,200

Size of estimate	Statistical regions in Balance of NSW (MSR)							
	Hunter	Newcastle (SRS)	Illawarra and South Eastern	Illawarra	Wollongong (SRS)	Richmond-Tweed and Mid-North Coast	Northern, North Western and Central West	Murray-Murrumbidgee
500	320	300	300	290	260	330	330	330
1,000	460	440	440	410	380	480	480	470
3,000	820	790	790	740	690	870	860	850
5,000	1,100	1,050	1,050	980	910	1,150	1,150	1,150
10,000	1,550	1,500	1,500	1,400	1,300	1,650	1,650	1,650
20,000	2,300	2,250	2,200	2,050	1,950	2,450	2,450	2,400
50,000	3,750	3,700	3,600	3,350	3,250	4,100	4,050	4,000
100,000	5,500	5,500	5,200	4,900	4,800	6,000	6,000	6,000
200,000	7,900	8,200	7,600	7,100	7,100	8,000	8,900	8,800
300,000	9,900	10,300	9,500	8,900	9,000	11,300	11,200	11,200

TABLE B. STANDARD ERRORS OF MONTH TO MONTH MOVEMENTS,
STATISTICAL REGIONS OF NSW

Size of estimate	NSW, Sydney (MSR), Balance of NSW (MSR)	Statistical regions in Sydney (MSR)						
		Inner Sydney and Inner Western Sydney	Inner Sydney	Eastern Suburbs	St George-Sutherland	Canterbury-Bankstown	Fairfield-Liverpool and Outer South Western Sydney	Fairfield-Liverpool
500	490	300	240	230	220	220	270	200
1,000	630	400	330	320	300	300	360	280
3,000	940	640	550	530	490	490	570	450
5,000	1,150	800	690	660	620	620	710	570
10,000	1,450	1,050	940	900	850	850	950	780
20,000	1,900	1,450	1,300	1,250	1,150	1,150	1,300	1,050
50,000	2,600	2,100	1,950	1,850	1,750	1,750	1,900	1,600
100,000	3,400	2,850	2,650	2,550	2,400	2,400	2,550	2,200
200,000	4,350	3,800	3,680	3,500	3,300	3,250	3,400	3,000
300,000	5,000	4,550	4,350	4,200	3,950	3,950	4,050	3,650
500,000	6,100	5,600	5,500	5,300	4,950	4,950	5,000	4,550
1,000,000	7,800	7,600	7,500	7,200	6,800	6,800	6,800	6,200
2,000,000	10,100	10,200	10,300	9,900	9,300	9,300	9,100	8,500
5,000,000	14,100	15,000	15,600	15,000	14,100	14,000	13,400	12,900

Statistical regions in Sydney (MSR) — continued

Size of estimate	Central Western Sydney	Outer Western Sydney	Blacktown-Baulkham Hills	Lower Northern Sydney	Hornsby-Kuring-gai	Manly-Warringah	Gosford-Wyong
500	200	220	230	270	210	190	250
1,000	270	300	310	370	280	260	340
3,000	440	490	510	600	460	420	560
5,000	530	620	640	760	580	530	710
10,000	690	850	870	1,050	800	730	970
20,000	760	1,150	1,200	1,400	1,100	1,000	1,300
50,000	1,450	1,750	1,800	2,150	1,650	1,500	2,000
100,000	1,600	2,400	2,450	2,950	2,250	2,050	2,750
200,000	2,150	3,300	3,400	4,000	3,100	2,880	3,750
300,000	2,950	3,950	4,050	4,800	3,700	3,400	4,500

Statistical regions in Balance of NSW (MSR)

Size of estimate	Hunter	Newcastle (SRS)	Illawarra and South Eastern	Illawarra	Wollongong (SRS)	Richmond-Tweed and Mid-North Coast	Northern, North Western and Central West	Murray-Murrumbidgee
500	290	260	310	310	230	280	310	270
1,000	400	350	420	420	320	380	420	360
3,000	630	580	670	670	530	620	700	600
5,000	780	730	830	830	660	790	880	750
10,000	1,050	1,000	1,100	1,100	910	1,100	1,200	1,050
20,000	1,400	1,350	1,500	1,500	1,250	1,450	1,650	1,400
50,000	2,100	2,050	2,200	2,200	1,550	2,200	2,500	2,150
100,000	2,800	2,800	3,000	2,950	2,550	3,050	3,400	2,900
200,000	3,750	3,850	4,000	3,950	3,500	4,150	4,650	4,000
300,000	4,450	4,650	4,750	4,700	4,200	5,000	5,600	4,800

**APPENDIX. STATISTICAL REGIONS OF NEW SOUTH WALES:
LABOUR FORCE REGIONS AND THEIR STATISTICAL LOCAL AREAS**

SYDNEY (MSR)**Inner Sydney and Inner Western Sydney (SRs)**

Ashfield (M)
Botany (M)
Burwood (M)
Concord (M)
Drummoyn (M)
Leichhardt (M)
Marrickville (M)
South Sydney (C)
Strathfield (M)
Sydney (C) — Inner
Sydney (C) — Remainder

Inner Sydney (SR)

Botany (M)
Leichhardt (M)
Marrickville (M)
South Sydney (C)
Sydney (C) — Inner
Sydney (C) — Remainder

Eastern Suburbs (SR)

Randwick (M)
Waverley (M)
Woollahra (M)

St George-Sutherland (SR)

Hurstville (C)
Kogarah (M)
Rockdale (M)
Sutherland (S)

Canterbury-Bankstown (SR)

Bankstown (C)
Canterbury (M)

Fairfield-Liverpool and Outer South Western Sydney (SRs)

Camden (M)
Campbelltown (C)
Fairfield (C)
Liverpool (C)
Wollondilly (S)

Fairfield-Liverpool (SR)

Fairfield (C)
Liverpool (C)

Central Western Sydney (SR)

Auburn (M)
Holroyd (M)
Parramatta (C)

Outer Western Sydney (SR)

Blue Mountains (C)
Hawkesbury (C)
Penrith (C)

Blacktown-Baulkham Hills (SR)

Baulkham Hills (S)
Blacktown (C)

Lower Northern Sydney (SR)

Hunter's Hill (M)
Lane Cove (M)
Mosman (M)
North Sydney (M)
Ryde (M)
Willoughby (C)

Hornsby-Ku-ring-gai (SR)

Hornsby (S)
Ku-ring-gai (M)

Manly-Warringah (SR)

Manly (M)
Warringah (S)

Gosford-Wyong (SR)

Gosford (C)
Wyong (S)

BALANCE OF NEW SOUTH WALES (MSR) (a)**Hunter (SR)**

Cessnock (C)
Dungog (S)
Gloucester (S)
Great Lakes (S)
Lake Macquarie (C)
Maitland (C)
Merriwa (S)
Murrumbidgee (S)
Muswellbrook (S)
Newcastle (C) — Inner
Newcastle (C) — Remainder
Port Stephens (S)
Scone (S)
Singleton (S)

Newcastle (SRs)

Cessnock (C)
Lake Macquarie (C)
Maitland (C)
Newcastle (C) — Inner
Newcastle (C) — Remainder
Port Stephens (S)

Illawarra and South Eastern (SRs)

Bega Valley (S)
Bombala (S)
Boorowa (S)
Cooma-Monaro (S)
Crookwell (S)
Eurobodalla (S)
Goulburn (C)
Gunning (S)
Harden (S)
Kiama (M)
Mulwarre (S)
Queanbeyan (C)
Shellharbour (M)
Shoalhaven (C)
Snowy River (S)
Tallaganda (S)

Wingecarribee (S)
Wollongong (C)
Yarrowlumla (S)
Yass (S)
Young (S)

Illawarra (SR)
Kiama (M)
Shellharbour (M)
Shoalhaven (C)
Wingecarribee (S)
Wollongong (C)

Wollongong (SRS)
Kiama (M)
Shellharbour (M)
Wollongong (C)

Richmond-Tweed and Mid-North Coast (SRs)

Ballina (S)
Bellingen (S)
Byron (S)
Casino (M)
Coffs Harbour (C)
Copmanhurst (S)
Grafton (C)
Greater Taree (C)
Hastings (M)
Kempsey (S)
Kyogle (S)
Lismore (C)
Lord Howe Island
Maclean (S)
Nambucca (S)
Nymboida (S)
Richmond River (S)
Tweed (S) — Pt A
Tweed (S) — Pt B
Ulmarra (S)

Northern, North Western and Central West (SRs)

Armidale (C)
Barraba (S)
Bathurst (C)
Bingara (S)
Bland (S)
Blayney (S) — Pt A
Blayney (S) — Pt B
Bogan (S)
Bourke (S)
Brewarrina (S)
Cabonne (S) — Pt A
Cabonne (S) — Pt B
Cabonne (S) — Pt C
Cobar (S)
Coolah (S)
Coonabarabran (S)
Coonamble (S)
Cowra (S)
Dumaresq (S)
Dubbo (C)
Evans (S) — Pt A
Evans (S) — Pt B
Forbes (S)

Gilgandra (S)
Glen Innes (M)
Greater Lithgow (C)
Gunnedah (S)
Guyra (S)
Inverell (S) — Pt A
Inverell (S) — Pt B
Lachlan (S)
Manilla (S)
Moree Plains (S)
Mudgee (S)
Narrabri (S)
Narromine (S)
Nundle (S)
Oberon (S)
Orange (C)
Parkes (S)
Parry (S)
Quirindi (S)
Rylstone (S)
Severn (S)
Tamworth (C)
Tenterfield (S)
Uralla (S)
Walcha (S)
Walgett (S)
Warren (S)
Weddin (S)
Wellington (S)
Yallaro (S)

Murray-Murrumbidgee (SR)

Albury (C)
Balranald (S)
Berrigan (S)
Carrathool (S)
Conargo (S)
Coolamon (S)
Cootamundra (S)
Corowa (S)
Culcairn (S)
Deniliquin (M)
Griffith (C)
Gundagai (S)
Hay (S)
Holbrook (S)
Hume (S)
Jerrilderie (S)
Junee (S)
Lecton (S)
Lockhart (S)
Murray (S)
Murrumbidgee (S)
Narrandera (S)
Temora (S)
Tumbarumba (S)
Tumut (S)
Urana (S)
Wagga Wagga (C)
Wakool (S)
Wentworth (S)
Windouran (S)

(a) Includes labour force statistics for those statistical local areas which comprise Far West Statistical Division (Broken Hill (C), Central Darling (S), Unincorporated Far West).



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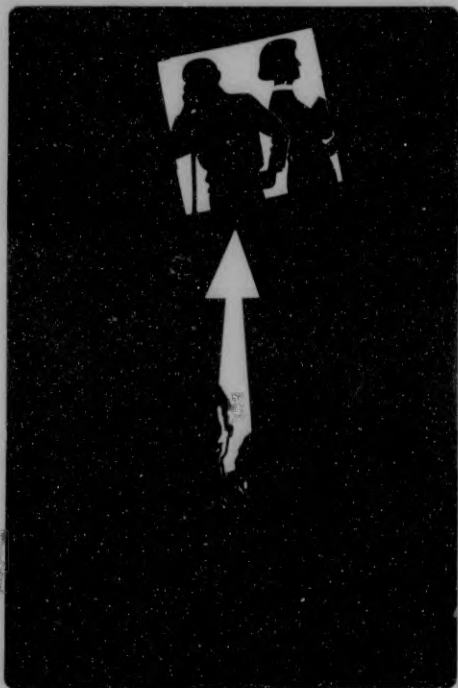


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