



EMPLOYMENT AND UNEMPLOYMENT, AUGUST 1977

INQUIRIES

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1. EMPLOYED WAGE AND SALARY EARNERS

The figures in this section generally relate only to civilian wage and salary earners, not the total labour force: they therefore exclude employers, self-employed persons, unpaid helpers and the unemployed. Also excluded, because of the inadequacy of current data, are wage and salary earners in agriculture and private households employing staff. For the sake of brevity, wage and salary earners are referred to in the tables as "employees". Defence forces are included in Table 2.

2. The estimates in Tables 1 to 7, except those relating to government employees and defence forces, are based on comprehensive data (referred to herein as "benchmarks") derived for the purpose from the population census of June 1971 and other sources. (See paragraph 7.) Month-to-month changes shown by current data (see paragraphs 8 to 10) are linked to the benchmark data to derive the monthly estimates.

3. Although the series measure reasonably well the short-term trends in employment in the defined field, they may be less reliable for longer-term measurement. There are conceptual differences between benchmark and current data, and changes in such factors as labour turnover, multiple jobholding and part-time working all affect the trend over longer periods.

Revision of private/government series

4. As from the February 1977 issue of this statement estimates of private and government employment have been on a revised basis, designed to achieve uniformity of classification in ABS statistical collections. Estimates on the revised basis back to June 1971 are contained in recent issues of this bulletin.

5. The concepts and definitions applicable to these estimates are those adopted at the 1971 population census, which conformed closely to the recommendations of the Eighth International Conference of Labour Statisticians (Geneva, 1954). At the census the following questions were asked in respect of all persons fifteen years of age and over:

"Did this person have a full or part-time job, or business or farm of any kind last week (even if this person was temporarily absent from a job because of sickness, holidays, industrial dispute, etc.)?"

"Did this person do any work at all last week for payment or profit (even if this person was working only part-time or helping without pay in a family business)?"

Provided they had not been temporarily laid off by their employer without pay for the whole of the week, persons who answered "yes" to either of these questions were classified as employed. Persons in this category were classified as wage or salary earners if on their census schedule they were stated to be "a wage or salary earner" in the job they held in the previous week.

6. Government employees comprise not only administrative employees but also all other employees of government bodies (Australian, State, local and semi-government) on services such as railways, road transport, banks, postal and telecommunications, air transport, education (including universities, colleges of advanced education, etc.), radio, television, police, public works, factories, marketing authorities, public hospitals (other than those run by charitable or religious organisations) and departmental hospitals and institutions.

Adoption of new benchmarks

7. As results from each successive population census become available it is customary to derive from them new benchmarks for the monthly employment series, and to revise the published estimates for all periods subsequent to the date of the previous census. Benchmarks for June 1971 were established by analysing data from the 1971 population census and other relevant sources such as special returns from government bodies and the Bureau's economic censuses and surveys. It should be noted that figures in this bulletin are subject to further revision as the results of later censuses and surveys become available.

8. The data needed to derive the estimates for periods subsequent to the benchmark date (June 1971) are obtained from three main sources, namely, (a) current payroll tax returns; (b) current returns from government bodies; and (c) some other current returns of employment (e.g. for hospitals); the balance, i.e. unrecorded private employment, is estimated. At June 1971 recorded employment obtained from the foregoing sources accounted for about 90 per cent of the employees in the industries covered, as determined by the benchmarks.

9. Current data supplied by reporting enterprises or establishments generally refer to persons on the payroll for the last pay-period in each month. Persons who are on paid leave or who work during part of the pay-period and are unemployed or on strike during the rest of the period are generally counted as employed. Those not shown on employers' payrolls because they are on leave without pay, on strike or stood down for the entire period are excluded.

10. In all States and Territories most employers paying wages in excess of a designated exemption level are required to lodge payroll tax returns. Certain Australian Government bodies, religious and benevolent institutions, public hospitals and other similar organisations are specifically exempted under the Australian and State Payroll Tax Acts. The following table shows details of recent exemption levels (in dollars per week):

	Queensland	Other States	N.T. and A.C.T.
Before January 1976	400	400	400
January to December 1976	800	800	400
January to June 1977	1,200	923	923
From July 1977	1,600	923	923

Industry

11. The industry classification used in this bulletin is the *Australian Standard Industrial Classification (ASIC)*, described in the Bureau publication *Australian Standard Industrial Classification* (Preliminary Edition), 1969, Volume 1 (Catalogue No. 1201.0). This industry classification is not directly comparable with those adopted for population censuses before 1971 and used in the estimates for earlier periods.

Estimates for earlier periods

12. For the period June 1971 to June 1975 detailed industry figures for each State and Australia and the government employment series were published in a special bulletin *Employed Wage and Salary Earners, June 1971 to June 1975* (Catalogue No. 6214.0. Previously Ref. No. 6.23).

13. It is expected that in due course a revised series will be published for the period June 1966 to May 1971, classified according to ASIC. However, it may not be possible to provide as much industry detail as for June 1971 and subsequent periods. ASIC estimates cannot be derived for periods prior to June 1966.

Related publications

14. Users may wish to refer to the following employment publications which are available on request:

Employed Wage and Salary Earners : Preliminary (Catalogue No. 6212.0. Previously Ref. No. 6.12)

Employed Wage and Salary Earners, June 1971 to June 1975 (Catalogue No. 6214.0. Previously Ref. No. 6.23)

Other ABS publications which may be of interest include:

The Labour Force (Catalogue No. 6203.0. Previously Ref. No. 6.20)

Survey of Persons Registered with the CES as Unemployed, March 1977 (Preliminary) (Catalogue No. 6228.0. Previously Ref. No. 6.63)

Catalogue of Publications 1977 (Catalogue No. 1101.0. Previously Ref. No. 1.8).

Symbols and other usages

- .. Nil or less than 50 persons
- r Figure or series revised since previous issue
- Break in continuity of series (where drawn across a column between two consecutive figures)
- † Affected by industrial disputes
- n.a. not available.

Any discrepancies between totals and sums of components in tables are due to rounding.

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Australian Statistician

TABLE 1. CIVILIAN EMPLOYEES: AUSTRALIA - SEASONALLY ADJUSTED SERIES
(Excluding agriculture and private domestic service)
(*'000)

Month	Total civilian employees			Private/ government (persons)		Principal industries (persons)				
	Males	Females	Persons	Private	Government (a)	Manu- facturing	Con- struction	Wholesale and retail trade	Transport and storage	Finance, insurance, real estate and business services
ORIGINAL										
1975 -										
August	3,016.8	1,712.7	4,729.5	3,296.2	1,433.3	1,200.3	397.9	952.3	253.7	377.5
September	3,010.6	1,718.0	4,728.7	3,300.9	1,427.7	1,201.0	392.6	955.8	253.1	377.5
October	3,008.1	1,725.4	4,733.5	3,309.4	1,424.1	1,205.6	386.5	960.9	252.7	377.0
November	3,005.1	1,733.0	4,738.1	3,317.1	1,421.1	1,208.3	381.3	966.6	253.3	376.1
December	3,002.3	1,720.2	4,722.4	3,311.2	1,411.3	1,201.9	375.4	969.5	256.0	375.8
1976 -										
January	2,995.1	1,703.9	4,699.0	3,287.5	1,411.4	1,198.5	371.8	956.1	253.7	376.8
February	3,004.2	1,725.4	4,729.6	3,305.8	1,423.8	1,209.3	372.9	959.0	252.1	378.7
March	3,011.2	1,737.0	4,748.2	3,321.2	1,427.0	1,213.1	373.4	965.0	251.5	380.8
April	3,010.3	1,735.8	4,746.0	3,317.1	1,428.9	1,206.3	372.9	966.8	251.6	380.7
May	3,011.0	1,735.1	4,746.1	3,315.6	1,430.5	1,203.2	372.4	969.8	251.6	380.0
June	3,006.2	1,732.9	4,739.1	3,305.8	1,433.2	1,196.9	371.0	968.4	250.8	380.3
July	3,000.4	1,733.6	4,734.0	3,299.3	1,434.7	1,192.9	369.7	966.8	251.2	380.5
August	2,992.5	1,732.9	4,725.4	3,293.0	1,432.5	1,187.3	366.2	967.4	250.3	380.3
September	2,990.2	1,737.7	4,728.0	3,294.7	1,433.3	1,186.7	365.2	968.1	249.8	381.1
October	2,987.6	1,744.6	4,732.1	3,299.5	1,432.6	1,187.3	363.5	971.7	249.6	381.0
November	† 2,990.5	1,753.0	† 4,743.5	† 3,307.6	1,435.9	† 1,184.4	363.8	978.6	251.5	382.1
December	2,985.0	1,737.8	4,722.9	3,296.1	1,426.8	1,176.7	360.4	980.3	252.8	382.1
1977 -										
January	2,981.5	1,722.5	4,704.0	3,275.3	1,428.7	1,172.5	358.8	967.4	251.3	382.8
February	2,991.2	1,741.1	4,732.3	3,284.6	1,447.7	1,177.1	361.3	969.1	250.4	384.5
March	2,994.7	1,749.7	4,744.4	3,288.9	1,455.5	1,177.5	361.6	970.3	249.7	385.9
April	2,987.7	1,750.9	4,738.6	3,278.9	1,459.8	1,169.2	360.9	971.2	249.3	384.9
May	2,983.2	1,749.3	4,732.5	3,270.3	1,462.3	1,162.3	360.2	969.4	249.2	385.5
June	2,979.2	1,747.1	4,726.2	3,262.5	1,463.8	1,156.2	361.0	968.9	249.3	385.0
July	2,968.9	1,748.9	4,717.8	3,251.0	1,466.8	1,148.4	358.9	967.2	248.6	384.4
August	2,964.5	1,752.5	4,717.0	3,246.5	1,470.5	1,147.4	356.8	965.2	248.2	383.8
SEASONALLY ADJUSTED										
1975 -										
August	3,022.1	1,713.8	4,735.9	3,305.3	1,430.6	1,200.7	397.7	958.2	254.8	379.0
September	3,018.1	1,717.2	4,735.3	3,306.1	1,429.2	1,199.7	394.2	960.1	254.3	379.4
October	3,015.5	1,720.5	4,736.0	3,307.0	1,439.0	1,202.7	389.0	959.2	253.8	379.5
November	3,006.3	1,721.8	4,728.1	3,301.0	1,427.1	1,204.3	383.4	956.4	252.1	378.3
December	3,006.6	1,724.9	4,731.5	3,308.0	1,423.5	1,207.0	381.0	957.7	252.9	378.2
1976 -										
January	3,006.5	1,731.8	4,738.3	3,309.4	1,428.9	1,207.6	376.7	961.8	252.5	377.3
February	3,004.1	1,730.8	4,734.9	3,311.7	1,423.2	1,208.8	372.8	964.5	252.1	376.6
March	3,004.0	1,733.0	4,737.0	3,315.2	1,421.8	1,209.6	371.1	965.8	251.6	377.5
April	3,004.1	1,730.5	4,734.6	3,312.3	1,422.3	1,205.7	372.3	967.4	252.0	378.2
May	2,998.5	1,729.1	4,727.6	3,306.5	1,421.1	1,201.4	367.1	967.3	251.8	377.7
June	2,994.7	1,728.1	4,722.8	3,299.3	1,423.5	1,196.2	365.9	967.9	251.3	378.9
July	3,000.2	1,731.3	4,731.5	3,304.5	1,427.0	1,193.3	367.2	970.7	252.2	381.1
August	2,997.5	1,733.6	4,731.1	3,301.7	1,429.4	1,187.6	366.0	973.3	251.4	381.8
September	2,997.1	1,736.2	4,733.3	3,299.0	1,434.3	1,185.1	366.6	972.2	251.0	382.9
October	2,994.3	1,739.1	4,733.4	3,296.1	1,437.3	1,184.1	365.8	969.5	250.6	383.4
November	† 2,992.7	1,742.2	† 4,734.9	† 3,293.1	1,441.8	† 1,181.1	366.0	968.7	250.4	384.4
December	2,990.4	1,743.8	4,734.2	3,293.9	1,440.3	1,182.2	365.8	969.3	249.6	384.5
1977 -										
January	2,993.6	1,750.8	4,744.4	3,297.7	1,446.7	1,181.8	363.7	973.1	250.1	383.4
February	2,991.9	1,746.9	4,738.8	3,291.2	1,447.6	1,176.9	361.2	974.7	250.4	382.5
March	2,988.3	1,746.3	4,734.6	3,284.1	1,450.5	1,174.2	359.4	971.1	249.8	382.7
April	2,980.9	1,745.0	4,725.9	3,272.7	1,453.2	1,168.5	360.3	971.7	249.7	382.4
May	2,970.2	1,743.2	4,713.4	3,261.1	1,452.3	1,160.5	354.9	966.8	249.4	383.2
June	2,966.8	1,741.9	4,708.7	3,255.4	1,453.3	1,155.3	355.9	968.3	249.8	383.6
July	2,968.0	1,746.0	4,714.0	3,255.6	1,458.4	1,148.6	356.3	970.9	249.6	385.0
August	2,969.2	1,752.8	4,722.0	3,255.0	1,467.0	1,147.7	356.5	971.0	249.3	385.3

(a) Includes industrial as well as administrative employees. (See page 1, paragraph 6). (b) For details of the methods used see *Seasonally Adjusted Indicators, 1977* (Catalogue No. 1308.0. Previously Ref. No. 1.10).

TABLE 2. CIVILIAN EMPLOYEES: STATES AND TERRITORIES
(Excluding agriculture and private domestic service)
(^{'000})

Month	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T. (a)	Australia		
									Civilian employees	Defence forces (b)	Total civilian employees and defence forces
MALES											
1974 - August	1,114.0	†835.3	†412.2	277.9	242.1	89.0	27.6	48.4	†3,046.5	64.4	†3,110.9
1975 - July	1,098.4	825.6	412.9	277.7	248.0	90.4	24.8	51.9	3,029.8	65.9	3,095.7
August	1,090.8	824.2	411.7	276.2	247.1	90.0	25.3	51.5	3,016.8	65.9	3,082.7
1976 - July	1,073.1	825.3	411.8	277.7	248.4	88.5	24.8	50.8	3,000.4	65.3	3,065.7
August	1,070.5	822.9	410.2	277.5	247.6	88.3	24.8	50.6	2,992.5	65.2	3,057.7
September	1,068.5	822.7	409.7	277.3	248.7	88.1	24.7	50.5	2,990.2	65.1	3,055.3
October	1,065.8	822.4	409.5	277.6	249.0	88.2	24.6	50.4	2,987.6	65.1	3,052.7
November	†1,065.5	823.9	407.9	279.0	250.8	88.6	24.4	50.5	†2,990.5	65.0	†3,055.5
December	1,064.0	825.7	403.4	278.7	250.4	89.2	23.8	49.9	2,985.0	64.9	3,049.9
1977 - January	1,062.8	826.0	401.9	277.8	250.6	88.8	23.6	50.0	2,981.5	65.9	3,047.4
February	1,064.7	827.8	404.8	278.2	252.9	89.1	23.6	50.1	2,991.2	66.1	3,057.3
March	1,065.3	827.6	405.6	278.9	254.2	89.5	23.4	50.3	2,994.7	66.2	3,060.9
April	1,062.6	822.7	407.0	277.3	255.1	89.4	23.4	50.2	2,987.7	66.4	3,054.1
May	1,060.8	821.2	407.3	276.8	254.2	89.2	23.6	50.3	2,983.2	66.5	3,049.7
June	1,058.8	818.8	409.7	275.5	253.8	88.7	23.7	50.2	2,979.2	66.3	3,045.5
July	1,056.3	814.3	408.0	274.3	253.8	88.1	23.9	50.2	2,968.9	66.6	3,035.5
August	1,055.7	812.5	407.5	273.1	253.7	88.1	23.8	50.2	2,964.5	66.5	3,031.0
FEMALES											
1974 - August	637.7	495.9	208.7	159.8	131.4	43.8	13.7	31.6	1,722.7	3.0	1,725.7
1975 - July	624.7	488.8	210.7	160.3	133.7	46.8	11.9	35.8	1,712.6	3.4	1,716.0
August	623.0	490.9	210.0	160.2	133.6	46.6	12.4	36.0	1,712.7	3.4	1,716.1
1976 - July	623.0	495.3	216.9	166.0	137.2	47.1	12.6	35.4	1,733.6	3.5	1,737.1
August	623.1	493.4	217.1	166.2	137.7	47.2	12.8	35.4	1,732.9	3.6	1,736.5
September	624.3	494.9	217.4	166.7	139.2	47.3	12.6	35.3	1,737.7	3.6	1,741.3
October	626.1	496.7	217.7	168.5	140.2	47.7	12.7	35.1	1,744.6	3.6	1,748.2
November	629.0	498.4	217.9	170.4	141.5	47.9	12.6	35.3	1,753.0	3.7	1,756.7
December	622.4	498.8	216.1	166.5	138.2	48.3	12.5	34.9	1,737.8	3.6	1,741.4
1977 - January	613.8	494.9	215.7	164.6	138.2	48.0	12.5	34.8	1,722.5	3.7	1,726.2
February	622.4	497.0	216.1	167.9	141.7	48.2	12.7	35.1	1,741.1	3.8	1,744.9
March	624.7	498.4	216.6	170.3	142.7	48.6	12.8	35.6	1,749.7	3.8	1,753.5
April	625.2	498.0	216.8	170.0	143.5	48.7	12.9	35.8	1,750.9	3.8	1,754.7
May	624.2	497.6	217.4	169.3	143.3	48.6	13.1	35.9	1,749.3	3.9	1,753.2
June	624.4	495.4	218.0	168.8	142.9	48.4	13.2	35.8	1,747.1	3.8	1,750.9
July	624.4	495.1	218.8	169.3	143.5	48.5	13.3	36.1	1,748.9	3.9	1,752.8
August	625.5	496.5	219.1	169.1	144.4	48.6	13.1	36.2	1,752.5	3.9	1,756.4
PERSONS											
1974 - August	1,751.6	†1,331.2	†620.9	437.7	373.5	132.9	41.3	80.0	†4,769.2	67.4	†4,836.6
1975 - July	1,723.1	1,314.4	623.7	438.0	381.7	137.3	36.8	87.7	4,742.4	69.3	4,811.7
August	1,713.8	1,315.1	621.7	436.4	380.6	136.6	37.7	87.6	4,729.5	69.3	4,798.8
1976 - July	1,696.1	1,320.5	628.7	443.8	385.6	135.6	37.4	86.3	4,734.0	68.8	4,802.8
August	1,693.6	1,316.3	627.3	443.8	385.4	135.5	37.5	86.1	4,725.4	68.8	4,794.2
September	1,692.8	1,317.7	627.1	444.0	387.9	135.4	37.4	85.8	4,728.0	68.7	4,796.7
October	1,691.9	1,319.1	627.2	446.1	389.2	135.9	37.2	85.5	4,732.1	68.7	4,800.8
November	†1,694.5	1,322.3	625.7	449.4	392.2	136.5	37.1	85.8	†4,743.5	68.7	†4,812.2
December	1,686.4	1,324.5	619.5	445.2	388.6	137.5	36.2	84.9	4,722.9	68.5	4,791.4
1977 - January	1,676.6	1,320.8	617.6	442.3	388.8	136.8	36.2	84.7	4,704.0	69.6	4,773.6
February	1,687.1	1,324.8	620.9	446.1	394.6	137.4	36.2	85.3	4,732.3	69.9	4,802.2
March	1,690.0	1,326.0	622.3	449.1	396.9	138.1	36.2	85.9	4,744.4	70.0	4,814.4
April	1,687.8	1,320.7	623.9	447.3	398.6	138.1	36.3	86.0	4,738.6	70.2	4,808.8
May	1,684.9	1,318.7	624.7	446.0	397.5	137.8	36.7	86.1	4,732.5	70.4	4,802.9
June	1,683.3	1,314.2	627.7	444.3	396.7	137.1	36.9	86.0	4,726.2	70.1	4,796.3
July	1,680.7	1,309.4	626.8	443.5	397.3	136.6	37.1	86.3	4,717.8	70.5	4,788.3
August	1,681.2	1,309.0	626.6	442.1	398.1	136.7	36.9	86.4	4,717.0	70.4	4,787.4

(a) Includes persons employed in the Australian Capital Territory who reside in adjoining areas. (b) Permanent defence forces in Australia and overseas.

TABLE 3. CIVILIAN EMPLOYEES : PRINCIPAL INDUSTRIES AND PRIVATE OR GOVERNMENT EMPLOYMENT - AUSTRALIA
(Excluding agriculture and private domestic service)
(^{'000})

ASIC division (a)	ASIC industry (a)	Males			Females			Persons		
		1976		1977 Aug.	1976		1977 Aug.	1976		1977 Aug.
		Aug.	July		Aug.	July		Aug.	July	
A(b)	Forestry, fishing and hunting	13.5	13.7	13.5	1.1	1.2	1.1	14.6	14.8	14.5
B	Mining	73.3	72.9	73.0	5.7	5.9	6.0	79.0	78.8	79.0
	Coal	23.7	24.2	24.3	0.5	0.6	0.6	24.2	24.8	24.9
	Other	49.5	48.7	48.8	5.2	5.3	5.4	54.7	54.0	54.1
C	Manufacturing	883.4	859.8	858.4	303.9	288.5	289.1	1,187.3	1,148.4	1,147.4
	Food, beverages and tobacco	142.2	141.7	141.8	49.2	48.8	48.7	191.4	190.5	190.5
	Textiles	23.8	21.5	21.5	17.4	15.3	15.4	41.1	36.9	36.9
	Clothing and footwear	19.5	18.7	18.5	67.4	62.2	62.5	86.8	80.8	81.0
	Knitting mills: clothing	14.5	13.9	13.8	59.5	54.7	55.0	74.0	68.6	68.8
	Footwear	5.0	4.7	4.7	7.9	7.4	7.5	12.9	12.2	12.2
	Wood, wood products and furniture	66.0	63.6	63.4	10.1	9.8	9.8	76.1	73.3	73.2
	Wood and wood products	45.4	43.9	43.7	5.2	5.1	5.1	50.6	49.0	48.8
	Furniture and mattresses	20.6	19.7	19.7	4.9	4.7	4.7	25.6	24.3	24.4
	Paper and paper products, printing	71.7	71.1	71.1	25.3	25.4	25.5	97.0	96.5	96.6
	Chemical, petroleum and coal products	45.4	45.7	45.8	16.6	16.1	16.1	62.0	61.9	61.9
	Basic chemicals; other chemical and related products	40.1	40.2	40.2	16.3	15.9	15.8	56.4	56.1	56.1
	Petroleum refining; petroleum and coal products n.e.c.	5.3	5.5	5.5	0.3	0.3	0.3	5.6	5.8	5.8
	Non-metallic mineral products	43.1	41.9	41.8	5.4	5.2	5.1	48.5	47.1	46.9
	Basic metal products	83.2	81.9	81.8	6.8	6.7	6.6	90.1	88.5	88.4
	Basic iron and steel	61.1	59.4	59.3	4.7	4.6	4.6	65.9	64.0	63.9
	Non-ferrous metal basic products	22.1	22.5	22.4	2.1	2.1	2.0	24.2	24.6	24.5
	Fabricated metal products	85.2	83.9	83.5	21.4	20.3	20.3	106.6	104.3	103.9
	Transport equipment	134.2	128.1	127.9	17.4	15.8	15.6	151.6	143.9	143.5
	Motor vehicles and parts	73.6	68.7	68.5	14.7	13.3	13.1	88.2	82.0	81.5
	Other transport equipment	60.7	59.4	59.4	2.7	2.5	2.5	63.4	61.9	61.9
	Other machinery and equipment	126.0	120.6	120.3	43.5	40.5	40.7	169.5	161.1	161.0
	Appliances and electrical equipment	56.3	52.9	53.0	30.6	28.0	28.2	86.9	80.8	81.2
	Industrial machinery and scientific equipment	69.7	67.7	67.3	12.9	12.5	12.6	82.6	80.3	79.9
	Miscellaneous manufacturing	43.1	41.1	41.1	23.4	22.5	22.7	66.5	63.6	63.7
D	Electricity, gas and water	91.4	93.7	93.7	9.1	9.2	9.3	100.5	103.0	102.9
	Electricity and gas	65.7	66.9	66.9	6.7	6.8	6.8	72.4	73.7	73.7
	Water, sewerage and drainage	25.7	26.8	26.8	2.4	2.4	2.5	28.1	29.3	29.3
E	Construction	348.0	340.9	338.7	18.2	18.0	18.1	366.2	358.9	356.8
F	Wholesale and retail trade	556.6	553.3	551.9	410.8	413.9	413.4	967.4	967.2	965.2
	Wholesale trade	242.7	240.2	239.9	94.3	93.1	93.2	337.0	333.3	333.1
	Retail trade	313.9	313.1	312.0	316.5	320.7	320.2	630.4	633.9	632.2
	Motor vehicle dealers, petrol and tyre retailers	142.5	141.1	140.2	30.5	30.5	30.4	173.1	171.5	170.6
	Other retail trade	171.4	172.0	171.8	286.0	290.3	289.7	457.4	462.3	461.5
G	Transport and storage	213.9	211.7	211.2	36.4	37.0	37.0	250.3	248.6	248.2
	Road transport	81.4	79.5	79.1	13.8	13.7	13.7	95.2	93.2	92.8
	Railway transport	58.4	58.8	58.8	5.6	5.7	5.7	64.0	64.5	64.6
	Water transport	30.3	29.1	28.8	2.1	2.0	2.1	32.4	31.2	30.9
	Air transport	25.5	25.5	25.6	6.7	7.0	7.0	32.2	32.5	32.6
	Other transport and storage	18.3	18.7	18.9	8.2	8.5	8.6	26.5	27.3	27.5
H	Communication	71.8	71.1	71.2	29.3	29.2	29.1	101.1	100.3	100.3
I	Finance, insurance, real estate and business services	196.6	196.7	196.4	183.7	187.7	187.5	380.3	384.4	383.8
	Finance and investment	77.7	78.0	77.8	66.1	67.8	67.8	143.7	145.7	145.6
	Banking	60.4	60.5	60.4	47.2	48.3	48.2	107.7	108.8	108.6
	Other finance; investment	17.2	17.5	17.4	18.8	19.5	19.6	36.1	37.0	37.0
	Insurance	36.7	36.5	36.5	30.0	31.1	31.2	66.6	67.6	67.7
	Real estate and business services	82.3	82.3	82.1	87.6	88.8	88.5	169.9	171.1	170.6
J(c)	Public administration and defence	152.9	152.5	152.8	91.6	94.4	95.3	244.5	246.9	248.1
K	Community services	260.3	292.3	293.3	482.7	503.9	506.8	763.0	796.2	800.1
	Health	64.8	69.1	69.9	253.7	265.4	268.2	318.5	334.5	338.1
	Education, libraries, museums and art galleries	121.2	127.1	127.3	187.9	197.2	197.3	309.1	324.3	324.6
	Welfare, religious institutions	17.0	16.7	16.7	17.0	16.8	16.8	33.9	33.5	33.5
	Other community services	77.5	79.3	79.4	24.1	24.5	24.5	101.6	105.5	103.9
L(d)	Entertainment, recreation, restaurants, hotels and personal services	110.8	110.2	110.5	160.4	160.1	160.0	271.2	270.3	270.6
	Entertainment, recreational services	39.1	39.3	39.5	24.1	23.4	23.6	63.2	62.7	63.2
	Restaurants, hotels, clubs and personal services (d)	71.7	71.0	71.0	136.3	136.7	136.4	208.0	207.6	207.4
	Total	2,992.5	2,968.9	2,964.5	1,732.9	1,748.9	1,752.5	4,725.4	4,717.8	4,717.0
PRIVATE OR GOVERNMENT EMPLOYMENT										
Private		2,088.4	2,020.5	2,015.3	1,234.5	1,230.4	1,231.2	3,293.0	3,251.0	3,246.5
Government (e)		924.1	948.3	949.2	498.4	518.4	521.3	1,432.5	1,466.8	1,470.5
Australian		274.3	271.8	271.9	116.5	117.4	117.8	390.9	389.2	389.7
State		558.8	(f)575.7	576.5	361.7	(f)379.1	381.5	920.5	(f)954.8	958.1
Local		106.9	(f)100.9	100.8	20.1	(f)21.9	22.0	121.0	(f)122.8	122.8

For footnotes see page 7.

TABLE 4. CIVILIAN EMPLOYEES : PRINCIPAL INDUSTRIES AND PRIVATE OR GOVERNMENT EMPLOYMENT - STATES
 MALES, JULY AND AUGUST 1977
 (Excluding agriculture and private domestic service)
 ('000)

ASIC division (a)	ASIC industry (a)	N.S.W.		Vic.		Qld		S.A.		W.A.		Tas.	
		July	Aug.	July	Aug.	July	Aug.	July	Aug.	July	Aug.	July	Aug.
A(b)	Forestry, fishing and hunting	3.4	3.4	2.8	2.7	3.0	3.0	1.0	1.0	1.7	1.7	1.3	1.3
B	Mining	25.2	25.1	4.0	4.0	14.6	14.6	2.8	2.8	20.6	20.8	3.6	3.7
C	Manufacturing	323.2	323.5	274.8	273.7	94.2	94.2	85.0	84.6	54.5	54.4	23.5	23.3
	Food, beverages and tobacco	46.4	46.5	39.8	39.7	29.7	29.7	12.5	12.3	8.3	8.6	4.0	4.0
	Textiles	6.2	6.2	11.9	11.9	0.7	0.7	1.2	1.3	0.5	0.5	1.0	1.0
	Clothing and footwear	6.0	6.0	10.7	10.6	0.7	0.7	0.9	0.9	0.3	0.3	0.1	0.1
	Knitting mills; clothing	4.7	4.6	8.2	8.1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Footwear	1.3	1.3	2.5	2.5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Wood, wood products and furniture	19.9	19.9	16.6	16.5	9.1	9.3	7.1	7.0	6.7	6.6	3.7	3.6
	Wood and wood products	12.8	12.7	11.3	11.3	6.4	6.5	5.0	5.0	4.7	4.7	3.3	3.2
	Furniture and mattresses	7.2	7.2	5.2	5.2	2.7	2.7	2.1	2.1	1.9	1.9	0.5	0.4
	Paper and paper products, printing	25.4	25.5	24.1	24.0	6.4	6.4	5.0	5.0	4.0	4.0	5.1	5.2
	Chemical, petroleum and coal products	20.9	20.9	15.6	15.6	2.9	2.9	2.5	2.5	2.9	2.8	0.8	0.8
	Non-metallic mineral products	14.8	14.9	11.2	11.1	5.8	5.9	3.9	3.8	4.7	4.6	1.0	1.0
	Basic metal products	47.1	47.2	9.2	9.2	5.7	5.7	8.4	8.2	7.4	7.3	4.1	4.0
	Fabricated metal products	32.6	32.7	25.6	25.4	9.4	9.2	8.2	8.3	6.0	5.9	1.4	1.4
	Transport equipment	37.6	37.3	51.0	51.0	11.8	11.9	20.4	20.2	6.1	6.1	1.2	1.2
	Other machinery and equipment	50.6	50.7	41.8	41.5	9.1	9.0	11.6	11.6	6.2	6.2	0.8	0.8
	Miscellaneous manufacturing	15.6	15.7	17.2	17.2	2.9	2.9	3.4	3.4	1.6	1.6	0.3	0.3
D	Electricity, gas and water	36.2	36.1	27.8	27.8	9.8	9.8	8.3	8.2	7.3	7.3	3.3	3.3
E	Construction	110.4	110.0	82.9	82.3	61.3	60.8	32.9	32.5	31.3	31.1	11.5	11.5
F	Wholesale and retail trade	195.1	194.6	153.3	152.8	80.4	80.3	51.5	51.3	48.5	48.3	15.2	15.3
	Wholesale trade	81.7	81.8	66.7	66.5	36.3	36.4	23.4	23.3	22.0	21.9	6.7	6.7
	Retail trade	113.4	112.9	86.6	86.3	44.2	43.9	28.2	28.1	26.5	26.4	8.4	8.6
	Motor vehicle dealers, petrol and tyre retailers	50.8	50.4	36.2	36.1	21.5	21.3	13.4	13.3	13.1	13.1	3.6	3.6
	Other retail trade	62.6	62.5	50.4	50.2	22.7	22.6	14.8	14.7	13.4	13.3	4.8	4.9
G	Transport and storage	78.7	78.4	53.5	53.4	33.3	33.2	17.1	17.1	19.7	19.9	6.0	6.0
	Road transport	30.7	30.6	20.9	20.6	11.0	10.9	6.4	6.3	6.6	6.7	2.4	2.4
	Rail and air transport	30.6	30.7	20.3	20.3	16.0	16.0	6.8	6.8	7.7	7.7	1.7	1.7
	Water transport	10.9	10.5	6.5	6.5	4.1	4.0	2.4	2.4	3.6	3.6	1.4	1.4
	Other transport and storage	6.6	6.6	5.9	5.9	2.2	2.2	1.5	1.5	1.9	1.9	0.5	0.5
H	Communication	24.5	24.6	20.3	20.2	10.3	10.4	6.8	6.8	5.9	5.9	2.0	2.0
I	Finance, insurance, real estate and business services	75.5	75.4	55.9	55.8	25.2	25.2	15.8	15.8	14.6	14.6	4.7	4.6
	Finance and investment	29.9	29.8	21.6	21.5	10.2	10.2	7.0	7.0	5.9	5.9	1.9	1.9
	Banking	22.7	22.7	17.7	17.6	7.7	7.7	5.3	5.3	4.6	4.5	1.5	1.5
	Other finance	7.2	7.2	3.9	3.9	2.5	2.5	1.7	1.7	1.3	1.3	0.4	0.4
	Insurance	13.0	12.9	11.7	11.7	4.8	4.8	2.9	2.9	2.6	2.6	1.0	1.0
	Real estate and business services	32.7	32.6	22.7	22.6	10.2	10.3	5.8	5.9	6.2	6.2	1.8	1.7
J(c)	Public administration and defence	46.0	46.2	33.2	33.3	21.7	21.7	10.7	10.6	14.7	14.7	5.3	5.2
K	Community services	92.2	92.2	79.4	79.9	40.1	40.2	33.1	33.3	26.3	26.4	8.6	8.6
	Health	23.2	23.3	18.4	18.9	9.8	9.8	7.5	7.7	7.1	7.2	1.8	1.9
	Education, libraries, museums and art galleries	39.0	39.0	37.7	37.8	16.3	16.4	13.3	13.3	11.4	11.4	4.2	4.2
	Welfare, religious institutions and other community services	30.0	30.0	23.3	23.3	14.0	14.0	12.3	12.4	7.9	7.8	2.6	2.6
L(e)	Entertainment, recreation, restaurants, hotels and personal services	45.9	46.2	26.4	26.6	14.2	14.2	9.4	9.1	8.6	8.6	3.3	3.3
Total		1,056.3	1,055.7	814.3	812.5	408.0	407.5	274.3	273.1	253.8	253.7	88.1	88.1
PRIVATE OR GOVERNMENT EMPLOYMENT													
Private		734.1	733.2	575.9	573.6	267.7	267.0	181.3	180.2	169.4	169.2	58.5	58.5
Government (e)		322.2	322.5	238.4	238.9	140.3	140.4	93.0	92.8	84.4	84.5	29.6	29.6
Australian		86.4	86.6	69.8	69.6	29.0	29.1	24.2	24.2	16.3	16.3	5.9	5.9
State		188.2	188.2	148.9	149.5	(f)93.1	93.3	63.0	63.0	61.3	61.4	21.2	21.2
Local		47.6	47.7	19.7	19.8	(f)18.2	18.0	5.8	5.7	6.7	6.7	2.6	2.6

For footnotes see page 7.

TABLE 5. CIVILIAN EMPLOYEES: PRINCIPAL INDUSTRIES AND PRIVATE OR GOVERNMENT EMPLOYMENT - STATES
 FEMALES, JULY AND AUGUST 1977
 (Excluding agriculture and private domestic service)
 ('000)

ASIC division (a)	ASIC industry (a)	N.S.W.		Vic.		Qld		S.A.		W.A.		Tas.	
		July	Aug.	July	Aug.	July	Aug.	July	Aug.	July	Aug.	July	Aug.
A(b)	Forestry, fishing and hunting	0.3	0.3	0.2	0.3	0.1	0.1	..	..	0.2	0.2	0.1	0.1
B	Mining	1.0	1.1	0.7	0.7	1.0	1.0	0.4	0.4	2.3	2.3	0.2	0.2
C	Manufacturing	109.2	110.0	114.4	114.1	22.8	22.9	24.6	24.5	11.8	11.9	4.5	4.4
	Food, beverages and tobacco	15.8	15.9	14.6	14.5	8.2	8.1	5.1	5.0	3.3	3.4	1.5	1.5
	Textiles	4.4	4.4	8.2	8.2	0.5	0.5	0.9	0.9	0.4	0.4	1.0	1.1
	Clothing and footwear	21.3	21.6	33.6	33.6	3.1	3.2	2.9	2.9	1.1	1.1	0.1	0.1
	Knitting mills; clothing	19.4	19.6	29.1	29.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Footwear	1.9	1.9	4.5	4.6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Wood, wood products and furniture	3.2	3.3	2.8	2.7	1.2	1.2	1.3	1.3	1.0	1.0	0.2	0.2
	Wood and wood products	1.6	1.7	1.4	1.4	0.7	0.7	0.7	0.7	0.5	0.5	0.1	0.1
	Furniture and mattresses	1.6	1.6	1.4	1.4	0.5	0.5	0.6	0.6	0.5	0.5	0.1	0.1
	Paper and paper products, printing	9.8	9.8	8.3	8.3	2.6	2.6	1.8	1.8	1.7	1.7	0.7	0.7
	Chemical, petroleum and coal products	9.0	9.1	5.2	5.2	0.8	0.7	0.6	0.6	0.5	0.5	..	..
	Non-metallic mineral products	1.9	1.9	1.9	1.9	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.1
	Basic metal products	3.4	3.3	1.3	1.3	0.5	0.5	0.8	0.8	0.5	0.6	0.2	0.2
	Fabricated metal products	8.1	8.2	6.8	6.8	1.9	1.8	2.1	2.1	1.0	1.1	0.2	0.2
D	Transport equipment	3.7	3.7	8.8	8.7	0.8	0.8	2.0	2.0	0.2	0.2	0.2	0.2
	Other machinery and equipment	19.1	19.3	14.2	14.2	1.5	1.5	4.5	4.6	1.0	1.0	0.1	0.1
	Miscellaneous manufacturing	9.4	9.5	8.7	8.8	1.4	1.4	2.4	2.2	0.6	0.6	0.1	0.1
E	Electricity, gas and water	3.7	3.7	3.0	3.0	1.0	1.0	0.5	0.5	0.6	0.6	0.3	0.3
F	Construction	6.4	6.5	4.5	4.5	2.7	2.7	1.7	1.7	1.7	1.7	0.4	0.4
F	Wholesale and retail trade	150.6	150.5	109.7	109.7	57.4	57.5	40.1	39.3	37.4	37.2	11.0	11.3
	Wholesale trade	33.8	33.8	26.3	26.2	12.9	13.1	8.6	8.6	8.6	8.5	2.0	2.0
	Retail trade	116.8	116.7	83.4	83.5	44.6	44.4	31.4	30.8	28.8	28.7	9.0	9.3
	Motor vehicle dealers, petrol and tyre retailers	11.7	11.7	6.7	6.7	5.1	5.1	3.2	3.1	2.8	2.8	0.5	0.5
G	Other retail trade	105.1	105.0	76.8	76.8	39.5	39.4	28.3	27.7	26.0	25.9	8.5	8.8
	Transport and storage	15.5	15.6	10.3	10.2	4.4	4.4	2.6	2.6	2.8	2.9	0.7	0.7
	Road transport	5.9	6.0	3.7	3.6	1.6	1.6	0.8	0.8	1.1	1.1	0.3	0.3
	Rail and air transport	5.2	5.2	3.2	3.2	1.9	1.9	1.1	1.1	0.9	0.9	0.2	0.2
	Water transport	0.9	0.9	0.5	0.5	0.3	0.3	0.1	0.1	0.1	0.2	0.1	0.1
	Other transport and storage	3.5	3.5	3.0	2.9	0.6	0.6	0.6	0.6	0.7	0.7	0.1	0.1
H	Communication	10.3	10.3	8.1	8.1	4.4	4.3	2.6	2.7	2.2	2.2	0.8	0.8
I	Finance, insurance, real estate and business services	80.9	80.9	47.4	47.4	22.5	22.5	14.0	14.0	14.5	14.3	4.4	4.4
	Finance and investment	28.1	28.1	16.8	16.7	8.7	8.8	5.3	5.3	5.6	5.7	1.8	1.8
	Banking	19.9	19.9	12.4	12.4	6.3	6.3	3.6	3.6	3.8	3.8	1.3	1.3
	Other finance	8.2	8.3	4.4	4.4	2.5	2.5	1.7	1.7	1.8	1.9	0.5	0.5
	Insurance	12.9	12.9	8.7	8.7	3.8	3.8	2.4	2.4	2.2	2.1	0.9	0.8
J(c)	Real estate and business services	39.9	39.8	21.9	22.0	10.1	9.9	6.3	6.3	6.7	6.5	1.8	1.7
K	Public administration and defence	26.4	26.6	23.3	23.6	11.3	11.5	6.3	6.4	8.9	9.0	3.1	3.1
K	Community services	165.4	165.5	135.5	137.0	64.6	64.7	58.7	59.3	47.2	47.7	16.9	17.0
	Health	89.7	89.7	69.9	71.5	34.2	34.2	31.3	32.0	25.7	26.2	9.0	9.1
	Education, libraries, museums and art galleries	62.5	62.7	55.0	54.8	25.1	25.3	22.0	22.0	18.3	18.3	7.0	7.0
	Welfare, religious institutions and other community services	13.2	13.2	10.7	10.7	5.3	5.3	5.4	5.4	3.2	3.2	0.9	0.9
L(d)	Entertainment, recreation, restaurants, hotels and personal services	54.8	54.7	38.1	38.0	26.4	26.3	17.5	17.5	14.1	14.5	6.1	6.0
Total		624.4	625.5	495.1	496.5	218.8	219.1	169.3	169.1	143.5	144.4	48.5	48.6
PRIVATE OR GOVERNMENT EMPLOYMENT													
Private Government (e)	Private	452.8	453.6	360.4	360.4	156.0	155.8	112.5	112.3	95.7	95.9	31.0	31.2
	Australian	171.6	171.9	134.7	136.1	62.8	63.3	56.7	56.8	47.8	48.5	17.4	17.5
	State	35.2	35.4	26.8	26.8	11.8	11.8	7.6	7.6	6.6	6.7	2.1	2.1
	Local	129.3	129.5	98.3	99.5	(f)42.2	43.9	48.0	48.0	39.8	40.2	14.9	15.0
		7.0	7.1	9.6	9.7	(f)2.2	2.2	1.2	1.2	1.4	1.5	0.4	0.3

(a) Australian Standard Industrial Classification (see page 2, paragraph 11). (b) Excludes ASIC Sub-divisions 01 Agriculture and 02 Services to agriculture. (c) Excludes permanent defence forces. (d) Excludes ASIC Sub-division 94 Private households employing staff. (e) Includes industrial as well as administrative employees (see page 1, paragraph 6). (f) From July 1977, Queensland State government regional electricity boards have taken over electricity generation and supply activities previously undertaken by local government bodies.

TABLE 6. CIVILIAN EMPLOYEES: PRINCIPAL INDUSTRIES AND PRIVATE OR GOVERNMENT EMPLOYMENT
NORTHERN TERRITORY
(Excluding agriculture and private domestic service)
(^{'000})

Month	Mining	Manu- facturing	Construct- ion	Wholesale and retail trade	Transport and storage	Public adminis- tration and defence (a)	Communi- ty services	Other	Total	Private	Govern- ment (b)
MALES											
1977 -											
May	1.9	1.3	4.2	2.4	1.7	4.0	4.7	3.4	23.6	14.6	9.0
June	2.0	1.4	4.2	2.5	1.7	3.9	4.7	3.4	23.7	14.7	9.0
July	2.0	1.4	4.4	2.5	1.7	3.9	4.7	3.4	23.9	15.0	8.9
August	2.0	1.4	4.4	2.5	1.6	3.9	4.7	3.3	23.8	14.9	8.9
FEMALES											
1977 -											
May	0.3	0.3	0.2	2.4	0.3	2.8	4.7	2.2	13.1	7.3	5.8
June	0.3	0.3	0.2	2.4	0.3	2.7	4.7	2.2	13.2	7.4	5.8
July	0.3	0.3	0.2	2.4	0.3	2.7	4.8	2.3	13.3	7.5	5.8
August	0.3	0.3	0.2	2.4	0.3	2.7	4.8	2.2	13.1	7.3	5.8
PERSONS											
1977 -											
May	2.2	1.6	4.4	4.8	2.0	6.7	9.4	5.6	36.7	21.9	14.8
June	2.3	1.7	4.4	4.9	2.0	6.6	9.4	5.6	36.9	22.1	14.7
July	2.3	1.7	4.6	5.0	2.0	6.6	9.5	5.6	37.1	22.5	14.7
August	2.3	1.7	4.6	4.9	1.9	6.6	9.5	5.5	36.9	22.2	14.7

(a) Excludes permanent defence forces. (b) Includes industrial as well as administrative employees. (See page 1, paragraph 6). Includes employees of local government as well as employees transferred from Australian Government Departments to the Northern Territory Public Service in January 1977, the remainder being employees of Australian Government bodies.

TABLE 7. CIVILIAN EMPLOYEES: PRINCIPAL INDUSTRIES AND PRIVATE OR GOVERNMENT EMPLOYMENT
AUSTRALIAN CAPITAL TERRITORY (a)
(Excluding agriculture and private domestic service)
(^{'000})

Month	Manu- facturing	Construct- ion	Wholesale and retail trade	Finance, insurance, and real estate and business services	Public adminis- tration and defence (b)	Education, libraries, museums and art galleries	Community Services Other commu- nity services	Entertainment, recreation, restaurants, hotels and personal services	Other	Total	Private	Govern- ment (c)
MALES												
1977 -												
May	3.3	6.3	6.6	3.9	17.2	4.4	3.4	1.7	3.4	50.3	18.8	31.5
June	3.3	6.3	6.7	3.9	17.2	4.4	3.4	1.6	3.4	50.2	18.7	31.5
July	3.2	6.3	6.7	4.0	17.2	4.5	3.5	1.6	3.3	50.2	18.7	31.5
August	3.3	6.2	6.8	3.9	17.2	4.4	3.5	1.6	3.3	50.2	18.7	31.5
FEMALES												
1977 -												
May	0.9	0.5	5.1	3.1	12.6	5.7	5.0	2.1	1.0	35.9	14.4	21.4
June	0.9	0.5	5.1	3.1	12.5	5.7	5.0	2.1	1.0	35.8	14.4	21.4
July	0.9	0.5	5.4	3.1	12.4	5.7	5.0	2.1	1.0	36.1	14.6	21.4
August	0.9	0.5	5.5	3.1	12.5	5.7	5.0	2.0	1.0	36.2	14.7	21.5
PERSONS												
1977 -												
May	4.3	6.8	11.7	7.0	29.8	10.0	8.4	3.7	4.4	86.1	33.2	52.9
June	4.2	6.8	11.8	7.0	29.7	10.1	8.4	3.7	4.4	86.0	33.1	52.9
July	4.1	6.8	12.1	7.1	29.6	10.1	8.5	3.6	4.3	86.3	33.3	53.0
August	4.2	6.7	12.3	7.0	29.7	10.1	8.5	3.6	4.3	86.4	33.4	53.0

(a) Includes persons employed in the Australian Capital Territory who reside in adjoining areas. (b) Excludes permanent defence forces. (c) Includes industrial as well as administrative employees. (See page 1, paragraph 6).

2. UNEMPLOYED PERSONS

The tables in this section contain (a) estimates of the total number of persons unemployed, derived from the quarterly population survey, (b) the numbers registered with the Commonwealth Employment Service as unemployed, and (c) the number in receipt of unemployment benefit.

Total Unemployed Persons : Population Survey Estimates

2. The quarterly population survey is carried out on a sample basis throughout Australia in February, May, August and November each year. Interviews are conducted during a period of four weeks in the State capital cities and two weeks in other areas. Particulars of the number of persons employed or unemployed, and of the total labour force, are published each quarter in the bulletin *The Labour Force* (Catalogue No. 6203.0. Previously Ref. No. 6.20).

3. For purposes of the survey, unemployed persons are defined as all civilians aged 15 years and over who either :

- (a) during the survey week did not work and did not have a job, but could have taken one had it been available, and had been actively looking for full-time or part-time work in the four weeks up to and including the survey week (including persons who would have been prevented from taking a job in the survey week by their own temporary illness or injury, or by their having made arrangements to start after the survey week in a job in which they would have preferred to start in the survey week) or
- (b) were waiting to be called back to a job from which they had been temporarily stood down without pay for four weeks or less (including the whole of the survey week).

4. Unemployed persons therefore comprise those looking for full-time work, those looking for part-time work and those temporarily laid off from either full-time or part-time jobs. This definition of unemployed persons conforms closely to that recommended by the Eighth International Conference of Labour Statisticians, Geneva, 1954.

5. Since the estimates are based on information obtained from occupants of a sample of dwellings, they may differ from the figures that would have been produced if the information had been obtained from occupants of all dwellings. There are about two chances in three that the differences would be less than 3,900 for total unemployed males, less than 3,600 for total unemployed females and less than 5,100 for total unemployed persons, and about nineteen chances in twenty that they would be less than twice these figures.

For example, there are about nineteen chances in twenty that the true total of unemployed in August 1977 is within the range 307,400 to 327,800. Further details about the survey and the reliability of estimates will be found in the quarterly bulletin *The Labour Force* (Catalogue No. 6203.0. Previously Ref. No. 6.20).

6. The sample estimates will differ from the number of persons registered with the Commonwealth Employment Service (see Table 9) as not employed, awaiting placement in full-time employment, for a number of reasons, including the following :

- (a) the survey estimates include persons looking for part-time work as well as those looking for full-time work,
- (b) they include some unemployed persons (particularly females) who do not register with the Commonwealth Employment Service,
- (c) they exclude persons who did any work at all during the survey week, even though they may subsequently have become unemployed and registered with the Commonwealth Employment Service, or have done so little work as not to lose eligibility for unemployment benefit,
- (d) they exclude any persons registered as unemployed who find jobs but do not notify the Commonwealth Employment Service at once that they have done so,
- (e) they represent averages over a period (see paragraph 2), whereas the numbers registered refer to a particular day near the end of the month, and
- (f) they are subject to sampling variability (see paragraph 5).

Seasonally Adjusted Series : Population Survey Estimates

7. Because of problems in seasonally adjusting the numbers of unemployed persons the procedures used were revised in 1976. Estimates based on the revised method were included for the first time in the July 1976 issue of this publication. Because there is insufficient length of series available to enable a complete assessment of the reliability of the new method to be made, it would be claiming too much to suggest that these problems have now been wholly overcome, but the revised estimates are at least a considerable improvement over those published previously. A brief explanation of the problems and the adjustment method now used is given below.

8. The method used (the US Bureau of the Census X-11Q) assumes that the amplitude of seasonal change is proportional to the level of the series. Until 1974 this assumption worked very satisfactorily, but following the rapid rise in the level of unemployment in 1974 the proportional relationship appears to have changed very substantially, and the X-11Q method was unable to adapt sufficiently.

9. By considering the series in two parts, an estimate of the effect of the change in the proportional relationship has now been made. By means of prior adjustment factors derived from this estimate and applied to the data, the X-11Q program moving averages are now able to accommodate the 1974 change. The resulting seasonal factors reflect one proportional relationship up to 1974 and the other relationship since then.

10. The shape of the seasonal variation since 1974

may have changed as well as the relationship between amplitude and level. (For example, the rise in the original series in August 1976 could be due, at least in part, to a new seasonal pattern.) If it has, the change will have to be handled by the adaptive capacity of the program itself.

11. As from the June 1976 issue of this publication the unemployment estimates derived from the population survey have been based on a revised definition. See the May 1976 issue of *The Labour Force* (Catalogue No. 6203.0. Previously Ref. No. 6.20), pages 3 and 4, paragraphs 9 to 14 for details. Estimates of unemployment on the revised basis have a different seasonal pattern from those on the old basis. Because only nine quarterly figures on the revised basis were available at the time the current seasonal adjustment factors were calculated it has been necessary to make special estimates for the seasonally adjusted series.

TABLE 8. UNEMPLOYED PERSONS (a)

Month	Looking for		Total (b)		Aged 15-19 years		Per cent of labour force (c)				
	Full-time work ('000)	Part-time work ('000)	Original ('000)	Seasonally adjusted (d) ('000)	Looking for first job ('000)	Total ('000)	Aged 20 years and over ('000)	Aged 15-19 years	Aged 20 years and over	Total	
										Original	Seasonally adjusted (d)
MALES											
1975 -											
November (e)	127.9	11.0	139.0	141.2	12.2	43.0	96.0	12.2	2.7	3.6	3.6
1976 -											
February (f)	147.0	12.5	159.5	136.8	17.4	51.3	108.2	13.1	3.0	4.0	3.5
May	123.3	9.2	132.4	141.6	9.4	41.7	90.7	10.8	2.5	3.3	3.6
August	138.0	8.1	146.2	162.4	12.5	42.7	103.4	11.8	2.9	3.7	4.1
November	133.4	10.9	144.2	145.6	15.3	42.5	101.8	11.7	2.8	3.6	3.7
1977 -											
February	161.5	12.2	173.6	147.8	23.2	60.8	112.8	15.2	3.1	4.3	3.7
May	157.3	12.9	170.1	183.7	15.4	55.5	114.6	14.0	3.2	4.3	4.6
August (r)	163.1	12.6	175.6	195.3	15.1	55.4	120.2	14.6	3.3	4.4	4.9
FEMALES											
1975 -											
November (e)	89.9	45.6	135.5	136.6	19.3	49.3	86.2	14.9	4.7	6.3	6.4
1976 -											
February (f)	96.0	49.1	145.0	123.6	22.7	56.8	88.3	16.2	4.9	6.7	5.8
May	79.1	36.0	115.1	121.2	14.8	45.7	69.4	13.6	3.9	5.4	5.7
August	84.9	33.1	118.0	133.8	13.8	45.9	72.1	14.4	4.1	5.6	6.3
November	80.3	30.1	110.4	111.1	15.8	44.7	65.6	13.9	3.6	5.2	5.3
1977 -											
February	113.7	47.5	161.1	136.1	30.0	65.6	95.6	18.7	5.2	7.3	6.3
May	101.3	42.7	144.0	152.4	20.9	58.1	85.9	16.8	4.6	6.5	6.9
August (r)	104.3	42.4	146.8	167.2	22.3	62.7	84.1	18.3	4.5	6.6	7.4
PERSONS											
1975 -											
November (e)	217.8	56.6	274.5	281.7	31.5	92.3	182.2	13.5	3.4	4.5	4.6
1976 -											
February (f)	243.0	61.5	304.5	258.7	40.2	108.0	196.5	14.6	3.7	5.0	4.3
May	202.4	45.2	247.6	262.0	24.2	87.4	160.1	12.1	3.0	4.1	4.3
August	222.9	41.2	264.1	294.3	26.3	88.6	175.5	13.0	3.3	4.4	4.8
November	213.7	40.9	254.6	260.4	31.1	87.2	167.4	12.7	3.1	4.2	4.3
1977 -											
February	275.1	59.6	334.8	281.9	53.1	126.4	208.4	16.8	3.8	5.4	4.6
May	258.6	55.5	314.2	335.2	36.3	113.6	200.6	15.3	3.7	5.1	5.4
August (r)	267.4	55.0	322.4	360.5	37.5	118.1	204.3	16.3	3.7	5.2	5.8

(a) Aged 15 years and over. For definition, see page 9, paragraph 3. See also page 9, paragraph 5 regarding the reliability of the estimates. (b) Includes persons looking for part-time work. (c) The number of unemployed in each group as a percentage of the labour force in the same group. (d) See paragraphs 7 to 11 above. (e) The sample size was reduced for the November 1975 survey. Consequently the standard errors for estimates from that survey are larger than usual. For details see the November 1975 issue of *The Labour Force* (Catalogue No. 6203.0. Previously Ref. No. 6.20). (f) Affected by the deferral of the interviewing period by one week. It is estimated that had interviewing taken place in the normal period, the original and seasonally adjusted figures for persons would have been higher by some 5,000 to 10,000.

TABLE 9. REGISTERED UNEMPLOYED (a)
(Source: Department of Employment and Industrial Relations)

Source: Department of Employment and Industrial Relations

Month (a)	N.S.W. (b)	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	Australia	
								Excluding school leavers	Total
MALES									
1975 -									
September	66,812	43,671	24,300	12,658	10,562	4,631	1,359	159,908	163,993
1976 -									
August	82,179	38,602	25,083	11,658	13,916	6,182	1,634	173,600	179,254
September	82,904	37,796	24,405	11,863	13,143	6,217	1,583	172,514	177,911
October	81,766	37,576	24,170	12,091	12,684	5,994	1,645	170,853	175,926
November	83,311	39,673	26,782	12,561	12,296	5,739	1,607	173,715	181,969
December	96,171	48,913	33,724	16,098	15,312	6,464	1,625	192,808	218,807
1977 -									
January	103,509	51,329	37,589	17,022	17,680	6,845	1,938	207,221	235,912
February	101,765	44,738	36,674	15,898	16,574	6,174	2,221	200,617	224,044
March	95,442	41,164	33,884	14,894	15,166	5,092	2,673	191,941	208,315
April	94,753	43,156	32,652	15,853	15,005	4,555	2,817	194,521	208,791
May	94,170	43,945	31,992	16,416	15,099	4,665	2,650	196,715	208,937
June	95,649	47,585	31,912	17,692	16,862	5,142	2,800	207,575	217,642
July	95,489	49,243	33,122	19,064	17,888	6,043	3,007	215,024	223,856
August	95,356	50,720	32,759	19,571	17,935	6,217	3,063	217,831	225,621
September	92,972	49,951	32,938	20,397	17,602	6,162	3,100	215,824	223,122
FEMALES									
1975 -									
September	30,697	23,673	11,871	6,894	6,169	2,504	293	77,720	82,101
1976 -									
August	34,818	23,795	12,442	7,027	7,009	3,025	516	81,606	88,632
September	34,695	22,789	12,395	6,812	6,364	2,910	429	79,942	86,394
October	33,896	23,302	12,276	6,946	6,278	2,907	459	79,899	86,064
November	35,886	24,762	13,196	7,086	6,438	2,803	378	82,031	90,549
December	42,608	29,353	15,478	8,972	8,166	3,734	416	86,568	108,727
1977 -									
January	47,160	31,304	17,558	9,636	8,655	3,850	514	92,431	118,677
February	48,688	32,525	18,023	9,958	8,932	3,870	628	96,809	122,624
March	46,348	31,557	17,311	9,590	9,004	3,593	831	97,253	118,234
April	45,158	30,067	16,832	9,663	8,446	3,420	812	96,066	114,398
May	44,699	28,893	16,482	9,501	8,425	3,451	795	96,437	112,246
June	45,308	30,028	16,670	9,898	8,711	3,644	892	101,711	115,151
July	44,199	29,470	16,697	10,070	8,700	3,462	937	101,722	113,535
August	41,774	28,569	15,164	9,728	8,660	3,523	939	98,447	108,357
September	40,668	27,617	14,774	9,758	8,147	3,254	872	96,099	105,090
PERSONS									
1975 -									
September	97,509	67,344	36,171	19,552	16,731	7,135	1,652	237,628	246,094
1976 -									
August	116,997	62,397	37,525	18,685	20,925	9,207	2,150	255,206	267,886
September	117,599	60,585	36,800	18,675	19,507	9,127	2,012	252,456	264,305
October	115,662	60,878	36,446	19,037	18,962	8,901	2,104	250,752	261,990
November	119,197	64,435	39,978	19,647	18,734	8,542	1,985	255,746	272,518
December	138,779	78,266	49,202	25,070	23,978	10,198	2,041	279,376	327,534
1977 -									
January	150,669	82,633	55,147	26,658	26,335	10,695	2,452	299,652	354,589
February	150,453	77,263	54,697	25,856	25,506	10,044	2,849	297,426	346,668
March	141,790	72,721	51,195	24,484	24,170	8,685	3,504	289,194	326,549
April	139,911	72,223	49,484	25,516	23,451	7,975	3,629	290,587	323,189
May	138,869	72,838	48,474	25,917	23,524	8,116	3,445	293,152	321,183
June	140,957	77,613	48,582	27,590	25,573	8,786	3,692	309,286	332,793
July	139,688	78,713	49,819	29,134	26,388	9,505	3,944	316,746	337,391
August	137,130	79,289	47,923	29,299	26,395	9,740	4,002	316,278	333,978
September	133,640	77,568	47,712	30,155	25,749	9,416	3,972	311,923	328,212

(a) Comprises all persons who were still registered with the Commonwealth Employment Service (C.E.S.) at the Friday nearest the end of the month and who claimed when registering that they were not employed, and who were seeking full-time employment, i.e. 35 hours or more per week. They include persons referred to employers but whose employment was still unconfirmed, and persons who had recently obtained employment without notifying the C.E.S. All recipients of unemployment benefit are included. (See Table 10.) (b) Includes the Australian Capital Territory.

TABLE 10. PERSONS RECEIVING UNEMPLOYMENT BENEFIT (a) (b)
(Source: Department of Social Security)

Month (a)	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
MALES									
1975 -									
September (a)	51,994	35,001	19,495	9,678	7,369	3,658	178	194	127,567
1976 -									
September 24	66,998	27,431	18,080	9,077	10,035	5,262	893	1,425	139,201
October 22	65,720	27,736	17,662	9,278	10,015	5,032	823	1,416	137,682
November 19	65,334	27,691	17,669	9,477	9,472	4,938	842	1,534	136,957
December 31	70,694	30,729	22,222	11,473	11,170	4,794	920	1,659	153,661
1977 -									
January 28	74,663	33,149	24,976	11,951	12,332	5,105	1,011	2,023	165,210
February 25	78,016	31,747	26,485	12,330	12,703	4,933	1,413	2,057	169,684
March 25	76,113	27,987	25,495	11,272	11,010	4,237	1,516	2,062	159,692
April 22	73,612	26,743	24,034	11,048	n.a.	3,919	1,697	1,915	n.a.
May 20	75,116	n.a.	23,895	n.a.	10,928	3,901	n.a.	2,105	n.a.
July 1	77,000	n.a.	23,329	14,149	12,895	4,381	1,988	2,198	n.a.
July 29	77,517	36,525	24,048	15,021	13,794	5,365	1,946	2,198	176,414
August 26	77,834	39,047	23,961	15,660	13,414	5,372	2,089	2,227	179,604
September 23	74,739	37,788	24,210	16,166	14,754	5,552	2,201	2,258	177,668
FEMALES									
1975 -									
September (a)	19,405	14,632	8,256	4,506	3,668	1,720	25	119	52,331
1976 -									
September 24	23,518	13,470	7,920	4,547	4,229	2,249	172	558	56,663
October 22	23,445	13,466	7,797	4,632	4,213	2,178	125	587	56,443
November 19	23,190	13,398	7,603	4,707	4,156	2,115	128	612	55,909
December 31	26,382	14,483	8,407	5,299	4,378	2,215	119	711	61,994
1977 -									
January 28	27,482	14,988	8,596	5,257	4,688	2,292	127	775	64,205
February 25	31,671	17,255	10,537	6,774	5,646	2,568	299	958	75,708
March 25	32,366	17,853	10,591	6,532	5,446	2,689	299	915	76,691
April 22	31,615	16,840	10,240	6,337	n.a.	2,656	309	876	n.a.
May 20	32,387	n.a.	10,455	n.a.	5,561	2,653	n.a.	882	n.a.
July 1	31,617	n.a.	10,263	6,881	6,047	2,697	476	888	n.a.
July 29	31,604	18,457	10,292	7,089	5,996	2,613	477	867	77,395
August 26	30,569	18,209	9,749	7,017	5,793	2,545	502	875	75,259
September 23	28,882	16,881	9,290	6,983	5,959	2,531	540	817	71,883
PERSONS									
1975 -									
September (a)	71,399	49,633	27,751	14,184	11,037	5,378	203	313	179,898
1976 -									
September 24	90,516	40,901	26,000	13,624	14,264	7,511	1,065	1,983	195,864
October 22	89,165	41,202	25,459	13,910	14,228	7,210	948	2,003	194,125
November 19	88,524	41,089	25,272	14,184	13,628	7,053	970	2,146	192,866
December 31	97,076	45,212	30,629	16,772	15,548	7,009	1,039	2,370	215,655
1977 -									
January 28	102,145	48,137	33,572	17,208	17,020	7,397	1,138	2,798	229,415
February 25	109,687	49,002	37,022	19,104	18,349	7,501	1,712	3,015	245,392
March 25	108,479	45,840	36,086	17,804	16,456	6,926	1,815	2,977	236,383
April 22	105,227	43,583	34,274	17,385	n.a.	6,575	2,006	2,791	n.a.
May 20	107,503	n.a.	34,350	n.a.	16,489	6,554	n.a.	2,987	n.a.
July 1	108,617	n.a.	33,592	21,030	18,942	7,078	2,464	3,086	n.a.
July 29	109,121	54,982	34,340	22,110	19,790	7,978	2,423	3,065	253,809
August 26	108,403	57,256	33,710	22,677	19,207	7,917	2,591	3,102	254,863
September 23	103,621	54,669	33,500	23,149	20,713	8,083	2,741	3,075	249,551

(a) Number on benefit at Saturday nearest the end of the month. The introduction of fortnightly payments in March 1976 altered the basis of collection of numbers on benefit to four or six week accounting periods. Figures now show numbers on benefit at the dates indicated.
(b) State and Territory classification is based on location of office from which payment of benefit is made.

3. JOB VACANCIES (a)

TABLE 11. VACANCIES REGISTERED WITH THE COMMONWEALTH EMPLOYMENT SERVICE (a)
(Source : Department of Employment and Industrial Relations)

(Source : Department of Employment and Industrial Relations)								Australia	
Month (a)	N.S.W. (b)	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	Original	Seasonally adjusted (c)
VACANCIES FOR ADULTS									
1975 -									
September	7,329	7,085	2,048	1,832	1,989	825	573	21,681	21,363
1976 -									
September	6,256	6,802	1,678	1,621	1,572	702	435	19,066	18,845
October	6,090	6,472	1,702	1,582	1,695	734	453	18,728	18,456
November	5,782	5,914	1,473	1,509	1,663	773	419	17,533	18,784
December	5,297	5,020	1,281	1,286	1,348	629	378	15,239	18,407
1977 -									
January	6,311	8,320	1,389	1,431	1,772	906	299	20,428	18,246
February	6,701	7,829	1,432	1,689	1,961	1,054	219	20,885	18,407
March	5,912	6,564	1,418	1,363	1,882	1,152	200	18,491	17,360
April	5,243	6,189	1,364	1,041	1,727	823	245	16,632	16,094
May	5,308	5,913	1,265	920	1,473	833	247	15,959	15,536
June	5,060	5,763	1,415	832	1,247	811	204	15,332	16,156
July	5,043	5,606	1,181	901	1,322	764	238	15,055	16,359
August	5,396	5,548	1,337	1,186	1,433	729	215	15,844	16,360
September	5,180	5,156	1,181	1,095	1,374	780	216	14,982	14,838
VACANCIES FOR JUNIORS (d)									
1975 -									
September	1,768	1,273	506	317	356	92	34	4,326	5,596
1976 -									
September	1,915	1,328	307	298	364	78	12	4,302	5,564
October	2,539	1,663	435	374	452	157	38	5,658	5,966
November	4,347	1,821	477	408	575	240	98	7,966	5,816
December	7,422	2,002	497	372	666	262	84	11,305	6,196
1977 -									
January	4,956	2,264	612	565	1,353	175	35	9,960	6,286
February	3,745	2,078	534	362	1,046	198	22	7,985	6,546
March	1,697	1,581	488	315	734	141	21	4,977	5,883
April	1,499	1,345	565	269	568	99	31	4,376	5,813
May	1,463	1,064	526	245	522	85	30	3,935	5,542
June	1,345	1,053	496	231	513	136	23	3,797	6,086
July	1,514	1,186	568	224	449	76	14	4,031	6,374
August	1,645	1,113	777	296	539	135	26	4,531	6,755
September	1,622	1,453	751	327	585	144	14	4,896	6,416
TOTAL VACANCIES									
1975 -									
September	9,097	8,358	2,554	2,149	2,325	917	607	26,007	26,959
1976 -									
September	8,171	8,130	1,985	1,919	1,936	780	447	23,368	24,409
October	8,629	8,135	2,137	1,956	2,147	891	491	24,386	24,422
November	10,129	7,735	1,950	1,917	2,238	1,013	517	25,499	24,600
December	12,719	7,022	1,778	1,658	2,014	891	462	26,444	24,603
1977 -									
January	11,267	10,584	2,001	1,996	3,125	1,081	334	30,388	24,532
February	10,446	9,907	1,966	2,051	3,007	1,252	241	28,870	24,953
March	7,609	8,145	1,906	1,678	2,616	1,293	221	23,468	23,243
April	6,742	7,534	1,929	1,310	2,295	922	276	21,008	21,907
May	6,771	6,977	1,791	1,165	1,995	918	277	19,894	21,078
June	6,405	6,816	1,911	1,063	1,760	947	227	19,129	22,242
July	6,537	6,792	1,749	1,125	1,771	840	252	19,086	22,733
August	7,041	6,661	2,114	1,482	1,972	864	241	20,375	23,115
September	6,802	6,609	1,932	1,422	1,959	924	230	19,878	21,254

(a) Vacancies notified to the CES, which were still unfilled at the Friday nearest the end of the month and which employers claimed could be filled if labour were supplied immediately or within the following month. Vacancies for full-time, part-time, permanent, temporary and seasonal positions are included. (b) Includes the Australian Capital Territory. (c) The methods used in seasonally adjusting these statistics are explained in *Seasonally Adjusted Indicators 1977* (Catalogue No. 1308.0. Previously Ref. No. 1.10). (d) Juniors comprise all persons under 21 years of age, including school leavers.

NOTE. Sample surveys have been conducted by the Australian Bureau of Statistics in March each year since 1974 to obtain information on the level and composition of job vacancies. In order to reduce the delay in collection of data and publication of results a quarterly telephone survey in respect of vacancies was commenced in May 1977. Surveys will be conducted in February, May, August and November each year. For a number of reasons the estimates obtained from these surveys differ substantially from the number of vacancies registered with the CES at the same dates. For example, the survey estimate of total vacancies in August 1977 was 41,000 while the CES figure was 20,375. Results of the surveys to August 1977 and reasons why the survey estimates differ from CES statistics were published in *Job Vacancies, August 1977* (Catalogue No. 6231.0. Previously Ref. No. 6.69).