

TRANSITION FROM EDUCATION TO WORK

AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) FRI 10 DEC 1999

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- For more information about these and related statistics, contact Leo Stinson on Canberra 02 6252 7793, or Client Services in any ABS office as shown on the back cover of this publication.

NOTES

CLASSIFICATION OF QUALIFICATIONS

Due to changes in the methodology used in the collection of data on educational qualifications, comparisons should not be made between data for 1997–1999, and those for earlier years. See paragraphs 10–27 of the Explanatory Notes.

SYMBOLS AND OTHER USAGES

ABS	Australian Bureau of Statistics
ABSCQ	Australian Bureau of Statistics Classification of Qualifications
ANZSIC	Australian and New Zealand Standard Industrial Classification
ASCO	Australian Standard Classification of Occupations (second edition)
CAC	computer assisted coding
n.e.c.	not elsewhere classified
RSE	relative standard error
SE	standard error
TAFE	Technical and Further Education
TEW	Transition from Education to Work
*	subject to sampling variability of between 25 and 49 per cent
**	subject to sampling variability of 50 per cent or higher
. .	not applicable

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

W. McLennan
Australian Statistician

MAIN FEATURES

ATTENDANCE

In May 1999 there were 2,257,200 students aged 15–64 years—18% of the population in this age range. Some 2,052,000 persons were studying for a recognised educational qualification, 85,600 persons were in courses leading to a non-recognised educational qualification, and 119,600 were studying, but not for a qualification.

There were approximately equal numbers of male and female school students, 338,800 and 340,600 respectively. However, females outnumbered males in tertiary courses (824,500 compared with 753,300).

Some 36% (815,400) of students were attending a Higher education institution, while 30% (679,400) were at a school, 23% (527,000) were at Technical and Further Education institutions (TAFE) and 10% (235,400) were at other educational institutions.

Almost 57% of students were employed in May 1999. A further 36% were not in the labour force and the remaining 7% were unemployed.

254,600 persons aged 25–64 currently without a post-school qualification were enrolled at a tertiary institution in May 1999, including 38,100 aged 45 or more.

2,847,300 persons had attended an educational institution during the calendar year 1998, of whom 89% had been enrolled in recognised educational courses.

UNMET EDUCATIONAL DEMAND

188,000 persons had gained a place in an educational institution in 1999 but had deferred their study to a later date, while 92,300 had been unable to gain a place.

LEAVING EDUCATION

963,200 persons were studying in 1998 but had ceased study before May 1999. During 1998, 614,300 (64%) of these persons had been attending courses leading to recognised educational qualifications, 116,800 (12%) had been in secondary school courses and 232,100 (24%) were in courses not leading to recognised qualifications.

EDUCATIONAL ATTAINMENT

5,452,400 persons, or 44% of people aged 15–64, had recognised post-school qualifications. Of these, 1,418,300 had Skilled vocational qualifications, 1,401,200 had Bachelor degrees, and 1,106,600 had Basic vocational qualifications.

Labour force participation rates for persons with recognised post-school qualifications remained higher than for those without qualifications (84.3% compared to 68.4%). The unemployment rate for persons with qualifications was less than half the rate for those without qualifications (4.6% and 9.6% respectively).

Just under 50% of married persons had recognised post-school qualifications as did 38% of lone parents. Just under 9% of lone parents without post-school qualifications were attending tertiary education in May 1999 compared to just under 5% of married persons.

APPRENTICES

The number of apprentices in May 1999 was 132,200. The 1999 statistics are showing small increases in the numbers in all industries, the largest increases being in Construction, Accommodation, cafes and restaurants, and Wholesale and retail trade.

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**1. PERSONS AGED 15 TO 64 : WHETHER ATTENDING AN EDUCATIONAL INSTITUTION AND TYPE OF STUDY
(^{'000})**

<i>Type of attendance at school or tertiary in May 1999</i>	<i>Males</i>	<i>Females</i>	<i>Aged 15-19</i>	<i>Aged 20-24</i>	<i>Aged 25-64</i>	<i>Employed</i>	<i>Unemployed</i>	<i>Not in labour force</i>	<i>Total</i>
Attending study leading to a recognised educational qualification(a)									
At a school	338.8	338.3	670.8	* 2.4	* 3.9	211.8	55.1	410.2	677.1
At a tertiary institution	677.1	697.9	333.9	420.0	621.1	936.0	77.6	361.3	1,374.9
Total attending	1,015.8	1,036.2	1,004.6	422.4	625.0	1,147.8	132.7	771.5	2,052.0
Attending study leading to a non-recognised educational qualification	31.0	54.6	13.2	18.3	54.0	59.2	7.3	19.1	85.6
Attending study not leading to an educational qualification	45.2	74.4	10.2	15.3	94.1	78.6	10.5	30.4	119.6
All persons									
Attending a school	338.8	340.6	671.7	* 2.6	* 5.1	213.0	55.4	411.1	679.4
Attending a tertiary institution	753.3	824.5	356.4	453.4	767.9	1,072.7	95.2	409.9	1,577.8
Total attending	1,092.1	1,165.1	1,028.1	456.0	773.1	1,285.6	150.5	821.0	2,257.2
Not attending	5,153.8	5,071.6	292.9	871.4	9,061.1	7,241.3	534.9	2,449.1	10,225.4
Total	6,245.9	6,236.7	1,321.0	1,327.4	9,834.2	8,526.9	685.5	3,270.2	12,482.6

(a) For a definition of the term 'recognised educational qualification' see the Glossary.

**2. PERSONS AGED 15 TO 64 : WHETHER ATTENDED AN EDUCATIONAL INSTITUTION AND TYPE OF STUDY IN 1998
(^{'000})**

<i>Type of attendance at school or tertiary in 1998</i>	<i>Males</i>	<i>Females</i>	<i>Aged 15-19(a)</i>	<i>Aged 20-24(a)</i>	<i>Aged 25-64(a)</i>	<i>Employed(a)</i>	<i>Unemployed(a)</i>	<i>Not in labour force(a)</i>	<i>Total</i>
Attended study leading to a recognised educational qualification(b)									
At a school	484.2	472.7	946.4	7.8	* 2.7	375.1	94.3	487.5	956.9
At a tertiary institution	777.9	791.5	201.7	545.3	822.5	1,186.4	96.2	286.9	1,569.5
Total attended	1,262.1	1,264.3	1,148.1	553.1	825.2	1,561.5	190.5	774.4	2,526.4
Attended study leading to a non-recognised educational qualification	30.6	48.8	5.6	17.7	56.2	58.9	5.5	15.1	79.5
Attended study not leading to an educational qualification	106.7	134.7	10.7	20.6	210.1	176.7	14.3	50.5	241.4
All persons									
Attended a school	487.8	479.5	948.4	9.5	9.3	381.3	95.0	491.0	967.2
Attended a tertiary institution	911.7	968.3	216.1	581.8	1,082.1	1,415.8	115.3	349.0	1,880.0
Total attended	1,399.5	1,447.8	1,164.5	591.4	1,091.4	1,797.1	210.3	840.0	2,847.3
Did not attend	4,846.4	4,788.8	156.5	736.0	8,742.7	6,729.9	475.2	2,430.2	9,635.3
Total	6,245.9	6,236.7	1,321.0	1,327.4	9,834.2	8,526.9	685.5	3,270.2	12,482.6

(a) As at May 1999. (b) For a definition of the term 'recognised educational qualification' see the Glossary.

3. PERSONS AGED 15 TO 64 : WHETHER ATTENDING AND LEVEL OF COURSE IN MAY 1999
(‘000)

<i>Type of educational institution attending in May 1999</i>						
<i>Whether attending an educational institution in May 1999 and level of course</i>	<i>School</i>	<i>Higher education</i>	<i>TAFE</i>	<i>Other</i>	<i>Total attending</i>	<i>All persons</i>
Attending recognised study(a) in May 1999	677.1	786.9	426.9	161.2	2,052.0	2,052.0
Higher degree	** 0.0	109.4	** 0.4	5.5	115.3	115.3
Postgraduate diploma	** 0.0	56.8	5.5	11.2	73.6	73.6
Bachelor degree	** 0.1	553.5	9.8	20.7	584.0	584.0
Undergraduate diploma	** 0.0	33.1	95.2	36.4	164.7	164.7
Associate diploma	** 0.0	13.3	53.0	18.8	85.1	85.1
Skilled vocational	** 0.0	6.2	127.4	15.1	148.8	148.8
Basic vocational	** 0.0	13.9	122.1	50.6	186.6	186.6
Secondary school	677.0	** 0.6	13.4	* 2.9	693.9	693.9
Attending non-recognised study in May 1999	* 2.3	28.4	100.1	74.3	205.2	205.2
Level not stated/uncodeable	** 0.5	19.6	40.1	25.5	85.6	85.6
Study not resulting in a qualification	* 1.9	8.9	60.0	48.8	119.6	119.6
Not attending in May 1999	..	..	..	..	..	10,225.4
Total	679.4	815.4	527.0	235.4	2,257.2	12,482.6

(a) For a definition of the term 'recognised study' see the Glossary.

4. PERSONS AGED 15 TO 64 : WHETHER ATTENDED AND LEVEL OF COURSE DURING 1998
(‘000)

<i>Type of educational institution attended during 1998</i>						
<i>Whether attended an educational institution during 1998 and level of course</i>	<i>School</i>	<i>Higher education</i>	<i>TAFE</i>	<i>Other</i>	<i>Total attended</i>	<i>All persons</i>
Attended recognised study(a) during 1998	956.9	804.8	544.3	220.4	2,526.4	2,526.4
Higher degree	** 0.2	112.0	** 0.7	6.8	119.8	119.8
Postgraduate diploma	** 0.5	61.3	8.3	15.1	85.2	85.2
Bachelor degree	** 0.4	550.8	8.6	26.7	586.6	586.6
Undergraduate diploma	* 1.3	33.0	97.5	37.7	169.5	169.5
Associate diploma	** 0.5	16.6	63.8	19.7	100.5	100.5
Skilled vocational	* 1.3	7.5	153.7	21.3	183.8	183.8
Basic vocational	* 3.1	21.7	198.5	83.6	306.9	306.9
Secondary school	949.6	* 1.9	13.2	9.4	974.1	974.1
Attended non-recognised study in 1998	10.3	32.4	154.8	123.4	320.9	320.9
Level not stated/uncodeable	** 0.5	15.4	35.8	27.7	79.5	79.5
Study not resulting in a qualification	9.8	17.1	118.9	95.7	241.4	241.4
Did not attend in 1998	..	..	..	..	..	9,635.3
Total	967.2	837.3	699.0	343.7	2,847.3	12,482.6

(a) For a definition of the term 'recognised study' see the Glossary.

5. PERSONS AGED 15 TO 64 : WHETHER APPLIED TO ENROL IN AN EDUCATIONAL INSTITUTION IN 1999
(*000)

<i>Whether applied to enrol in an educational institution in 1999</i>	<i>Males</i>	<i>Females</i>	<i>Employed</i>	<i>Unemp- loyed</i>	<i>Not in labour force</i>	<i>Born in Australia</i>	<i>Born outside Australia</i>	<i>Total(a)</i>
AGED 15-19 YEARS								
Applied to enrol for 1999	546.9	522.5	452.6	92.6	524.2	908.1	149.5	1,069.4
All persons studying in May 1999	526.3	501.8	428.0	82.9	517.2	869.1	147.1	1,028.1
Gained placement but deferred study	11.3	13.1	14.7	* 4.7	* 4.9	22.2	* 2.1	24.3
Study for a recognised qualification(b)(c)	10.2	12.0	13.7	* 4.2	* 4.3	20.1	* 2.1	22.2
Higher education	* 3.9	* 4.8	6.9	** 0.7	* 1.0	7.8	* 0.8	8.6
TAFE	* 5.0	* 4.3	* 4.4	* 3.0	* 1.9	8.7	** 0.6	9.3
Study not for a recognised qualification	* 1.1	* 1.0	* 0.9	** 0.5	** 0.7	* 2.1	** 0.0	* 2.1
Unable to gain placement	9.4	7.6	9.9	* 5.0	* 2.1	16.7	** 0.3	17.0
Study for a recognised qualification(b)(c)	7.1	6.9	8.7	* 3.8	* 1.5	13.9	** 0.1	14.0
Higher education	** 0.8	* 1.8	* 1.6	** 0.4	** 0.5	* 2.5	** 0.1	* 2.6
TAFE	* 4.7	* 4.7	5.6	* 2.7	* 1.0	9.4	** 0.0	9.4
Study not for a recognised qualification	* 2.3	** 0.7	* 1.3	* 1.2	** 0.5	* 2.8	** 0.2	* 3.0
Did not apply to enrol for a course of study in 1999	128.6	122.9	170.4	48.9	32.2	233.2	18.4	251.6
<i>Total</i>	<i>675.6</i>	<i>645.4</i>	<i>623.1</i>	<i>141.5</i>	<i>556.4</i>	<i>1,141.3</i>	<i>167.8</i>	<i>1,321.0</i>
AGED 20-24 YEARS								
Applied to enrol for 1999	252.4	251.6	331.1	37.3	135.7	379.4	124.6	504.1
All persons studying in May 1999	227.8	228.2	297.9	28.7	129.5	339.0	117.0	456.0
Gained placement but deferred study	16.6	14.6	23.7	* 3.0	* 4.5	26.1	5.2	31.2
Study for a recognised qualification(b)(c)	15.3	13.0	21.7	* 2.7	* 3.9	23.5	* 4.9	28.3
Higher education	5.3	6.9	10.9	** 0.3	* 1.0	10.1	* 2.1	12.2
TAFE	7.3	* 4.2	8.1	* 1.1	* 2.3	9.9	* 1.6	11.5
Study not for a recognised qualification	* 1.3	* 1.6	* 2.0	** 0.3	** 0.6	* 2.6	** 0.3	* 2.9
Unable to gain placement	8.0	8.8	9.5	5.5	* 1.7	14.3	* 2.5	16.8
Study for a recognised qualification(b)(c)	7.3	8.1	8.9	5.2	* 1.3	13.3	* 2.1	15.4
Higher education	* 2.3	* 1.7	* 3.4	** 0.6	** 0.0	* 3.5	** 0.5	* 4.0
TAFE	* 4.1	* 4.9	* 4.5	* 4.0	** 0.5	8.0	* 1.1	9.1
Study not for a recognised qualification	** 0.7	** 0.7	** 0.6	** 0.4	** 0.4	* 1.0	** 0.4	* 1.4
Did not apply to enrol for a course of study in 1999	418.8	404.6	645.0	80.9	97.4	721.0	102.3	823.4
<i>Total</i>	<i>671.2</i>	<i>656.2</i>	<i>976.2</i>	<i>118.2</i>	<i>233.1</i>	<i>1,100.4</i>	<i>227.0</i>	<i>1,327.4</i>

(a) Includes a small number of persons who were not asked their country of birth. (b) For a definition of the term 'recognised educational qualification' see the Glossary.
(c) Includes other educational institutions not separately listed.

5. PERSONS AGED 15 TO 64 : WHETHER APPLIED TO ENROL IN AN EDUCATIONAL INSTITUTION IN 1999
(**'000**)—continued

<i>Whether applied to enrol in an educational institution in 1999</i>	<i>Males</i>	<i>Females</i>	<i>Employed</i>	<i>Unemp- loyed</i>	<i>Not in labour force</i>	<i>Born in Australia</i>	<i>Born outside Australia</i>	<i>Total(a)</i>
AGED 25-64 YEARS								
Applied to enrol for 1999	420.1	544.0	705.2	59.0	199.9	686.1	278.0	964.1
All persons studying in May 1999	338.0	435.1	559.8	39.0	174.4	543.3	229.7	773.1
Gained placement but deferred study	54.9	77.5	104.6	10.8	17.0	99.9	32.5	132.4
Study for a recognised qualification(b)(c)	41.5	59.7	81.2	8.0	12.0	76.1	25.1	101.2
Higher education	15.6	21.2	30.7	* 2.1	* 4.0	27.7	9.1	36.8
TAFE	17.1	22.8	30.8	* 4.0	* 5.1	29.3	10.6	39.9
Study not for a recognised qualification	13.5	17.8	23.4	* 2.8	* 5.1	23.7	7.5	31.2
Unable to gain placement	27.2	31.4	40.8	9.3	8.5	42.9	15.7	58.6
Study for a recognised qualification(b)(c)	23.3	26.5	34.4	8.5	6.9	36.8	13.1	49.9
Higher education	* 4.8	8.6	11.0	* 0.9	* 1.6	9.9	* 3.5	13.4
TAFE	13.9	13.5	17.0	5.7	* 4.7	20.3	7.1	27.4
Study not for a recognised qualification	* 3.9	* 4.9	6.4	** 0.8	* 1.6	6.1	* 2.6	8.7
Did not apply to enrol for a course of study in 1999	4,479.1	4,391.1	6,222.5	366.8	2,280.8	6,271.4	2,598.7	8,870.1
Total	4,899.2	4,935.0	6,927.7	425.8	2,480.7	6,957.6	2,876.6	9,834.2
ALL PERSONS								
Applied to enrol for 1999	1,219.5	1,318.1	1,488.9	188.9	859.7	1,973.6	552.0	2,537.5
All persons studying in May 1999	1,092.1	1,165.1	1,285.6	150.5	821.0	1,751.5	493.8	2,257.2
Gained placement but deferred study	82.8	105.2	143.0	18.5	26.5	148.2	39.8	188.0
Study for a recognised qualification(b)(c)	66.9	84.8	116.7	14.9	20.2	119.7	32.1	151.7
Higher education	24.8	32.9	48.6	* 3.1	6.1	45.7	12.0	57.7
TAFE	29.4	31.3	43.3	8.1	9.3	47.9	12.8	60.7
Study not for a recognised qualification	15.9	20.4	26.3	* 3.6	6.3	28.5	7.8	36.3
Unable to gain placement	44.6	47.8	60.3	19.8	12.3	74.0	18.4	92.3
Study for a recognised qualification(b)(c)	37.7	41.5	52.1	17.5	9.7	64.0	15.3	79.2
Higher education	7.9	12.1	16.0	* 1.9	* 2.1	15.9	* 4.1	20.0
TAFE	22.8	23.1	27.1	12.4	6.3	37.6	8.2	45.8
Study not for a recognised qualification	6.8	6.3	8.2	* 2.3	* 2.5	10.0	* 3.1	13.1
Did not apply to enrol for a course of study in 1999	5,026.4	4,918.6	7,038.0	496.6	2,410.4	7,225.7	2,719.4	9,945.0
Total	6,245.9	6,236.7	8,526.9	685.5	3,270.2	9,199.3	3,271.4	12,482.6

(a) Includes a small number of persons who were not asked their country of birth. (b) For a definition of the term 'recognised educational qualification' see the Glossary.
(c) Includes other educational institutions not separately listed.

6. PERSONS AGED 15 TO 64 : TYPE OF ATTENDANCE(a) IN 1998 AND IN MAY 1999

Type of attendance In 1998 In May 1999		Employed			Unem- ployed - '000-	Labour force	Not in labour force	Total	Unemp- loyment rate —per cent—	Partici- pation rate
		Full-time	Part-time	Total						
AGED 15-19 YEARS										
Full-time	Full-time	6.4	320.1	326.5	72.4	398.9	499.0	898.0	18.2	44.4
	Part-time	23.5	5.5	28.9	* 2.0	30.9	* 1.0	31.9	* 6.4	96.7
	Not attending	53.4	40.4	93.8	28.7	122.4	21.7	144.1	23.4	84.9
	Total	83.3	365.9	449.2	103.1	552.3	521.8	1,074.1	18.7	51.4
Part-time	Full-time	** 0.3	* 1.0	* 1.4	* 1.0	* 2.4	** 0.4	* 2.8	* 42.7	* 85.7
	Part-time	42.4	* 3.1	45.5	* 1.8	47.3	** 0.3	47.6	* 3.7	99.4
	Not attending	12.7	* 2.7	15.4	5.7	21.1	* 2.6	23.7	27.1	88.9
	Total	55.4	6.8	62.3	8.5	70.8	* 3.3	74.1	12.0	95.5
Did not attend	Full-time	** 0.4	* 4.1	* 4.5	* 2.1	6.6	6.4	13.0	* 32.1	51.0
	Part-time	9.0	* 1.6	10.6	** 0.2	10.9	** 0.5	11.3	** 1.9	95.7
	Not attending	68.7	27.7	96.4	27.6	124.0	24.4	148.5	22.3	83.5
	Total	78.2	33.4	111.6	30.0	141.5	31.3	172.8	21.2	81.9
Total	Full-time	7.2	325.2	332.4	75.6	408.0	505.8	913.8	18.5	44.6
	Part-time	74.9	10.1	85.1	* 3.9	89.0	* 1.8	90.8	* 4.4	98.0
	Not attending	134.8	70.8	205.6	62.0	267.6	48.8	316.3	23.2	84.6
	Total	216.9	406.2	623.1	141.5	764.6	556.4	1,321.0	18.5	57.9
AGED 20-24 YEARS										
Full-time	Full-time	6.8	116.2	123.0	13.7	136.7	95.3	232.0	10.0	58.9
	Part-time	12.6	11.3	23.9	* 1.8	25.8	* 1.1	26.9	* 7.1	95.8
	Not attending	60.3	23.6	83.9	12.2	96.0	10.2	106.3	12.7	90.4
	Total	79.6	151.2	230.8	27.6	258.4	106.6	365.1	10.7	70.8
Part-time	Full-time	** 0.4	* 3.2	* 3.7	** 0.2	* 3.8	* 3.2	7.0	** 5.0	* 54.9
	Part-time	76.5	9.2	85.8	* 1.7	87.5	* 4.6	92.1	* 2.0	95.0
	Not attending	69.6	7.9	77.5	7.2	84.7	* 4.2	88.9	8.5	95.3
	Total	146.6	20.4	167.0	9.1	176.1	11.9	188.0	5.2	93.7
Did not attend	Full-time	* 1.5	10.7	12.2	* 3.0	15.3	15.9	31.2	* 19.9	49.0
	Part-time	23.6	* 4.7	28.3	* 2.3	30.6	* 2.7	33.3	* 7.5	91.9
	Not attending	441.2	96.6	537.9	76.1	614.0	95.9	709.9	12.4	86.5
	Total	466.3	112.1	578.4	81.4	659.8	114.5	774.3	12.3	85.2
Total	Full-time	8.7	130.2	138.9	16.9	155.8	114.3	270.1	10.8	57.7
	Part-time	112.7	25.3	138.0	5.9	143.9	8.4	152.3	4.1	94.5
	Not attending	571.1	128.2	699.3	95.4	794.7	110.4	905.0	12.0	87.8
	Total	692.5	283.6	976.2	118.2	1,094.3	233.1	1,327.4	10.8	82.4

(a) Attendance in this table refers to those students undertaking recognised study. For a definition of the term 'recognised educational qualification' see the Glossary.

6. PERSONS AGED 15 TO 64 : TYPE OF ATTENDANCE(a) IN 1998 AND IN MAY 1999—continued

Type of attendance In 1998 In May 1999		Employed			Unem- ployed - '000-	Labour force	Not in labour force	Total	Unemp- loyment rate —per cent—	Partici- pation rate
		Full-time	Part-time	Total						
AGED 25-64 YEARS										
Full-time	Full-time	10.9	33.0	43.9	5.8	49.7	57.2	106.9	11.7	46.5
	Part-time	5.9	* 4.7	10.6	* 3.2	13.8	* 2.1	15.9	* 23.4	86.9
	Not attending	45.0	15.5	60.5	10.8	71.3	12.3	83.6	15.1	85.3
	Total	61.8	53.3	115.0	19.8	134.8	71.6	206.4	14.7	65.3
Part-time	Full-time	* 1.3	5.4	6.7	** 0.4	7.0	5.6	12.6	** 5.1	55.8
	Part-time	194.7	47.2	241.9	8.0	249.9	28.8	278.7	3.2	89.7
	Not attending	237.2	51.5	288.7	14.0	302.7	24.8	327.5	4.6	92.4
	Total	433.2	104.1	537.3	22.4	559.7	59.1	618.7	4.0	90.5
Did not attend	Full-time	* 1.9	9.5	11.5	5.3	16.8	29.0	45.8	31.6	36.7
	Part-time	106.3	32.5	138.8	7.7	146.5	18.5	165.1	5.3	88.8
	Not attending	4,764.3	1,360.8	6,125.1	370.6	6,495.7	2,302.5	8,798.2	5.7	73.8
	Total	4,872.5	1,402.9	6,275.5	383.6	6,659.0	2,350.0	9,009.0	5.8	73.9
Total	Full-time	14.1	47.9	62.0	11.5	73.5	91.7	165.3	15.6	44.5
	Part-time	306.9	84.5	391.4	19.0	410.3	49.4	459.7	4.6	89.3
	Not attending	5,046.5	1,427.8	6,474.3	395.3	6,869.7	2,339.5	9,209.2	5.8	74.6
	Total	5,367.5	1,560.3	6,927.7	425.8	7,353.5	2,480.7	9,834.2	5.8	74.8
ALL PERSONS										
Full-time	Full-time	24.1	469.3	493.4	91.9	585.3	651.5	1,236.8	15.7	47.3
	Part-time	41.9	21.5	63.5	7.0	70.5	* 4.2	74.8	10.0	94.3
	Not attending	158.7	79.5	238.2	51.6	289.7	44.2	334.0	17.8	86.8
	Total	224.7	570.3	795.0	150.5	945.6	700.0	1,645.6	15.9	57.5
Part-time	Full-time	* 2.1	9.6	11.7	* 1.6	13.3	9.1	22.4	* 11.9	59.3
	Part-time	313.6	59.6	373.2	11.5	384.7	33.6	418.4	3.0	92.0
	Not attending	319.5	62.1	381.6	26.9	408.5	31.6	440.0	6.6	92.8
	Total	635.2	131.3	766.5	40.0	806.5	74.3	880.8	5.0	91.6
Did not attend	Full-time	* 3.9	24.3	28.2	10.5	38.7	51.2	90.0	27.1	43.0
	Part-time	138.9	38.9	177.8	10.2	188.0	21.7	209.7	5.4	89.6
	Not attending	5,274.2	1,485.2	6,759.4	474.3	7,233.7	2,422.8	9,656.5	6.6	74.9
	Total	5,417.0	1,548.4	6,965.4	495.0	7,460.4	2,495.8	9,956.2	6.6	74.9
Total	Full-time	30.0	503.3	533.3	104.0	637.3	711.9	1,349.2	16.3	47.2
	Part-time	494.5	120.0	614.4	28.8	643.2	59.6	702.8	4.5	91.5
	Not attending	5,752.4	1,626.8	7,379.2	552.7	7,931.9	2,498.7	10,430.6	7.0	76.0
	Total	6,276.9	2,250.0	8,526.9	685.5	9,212.4	3,270.2	12,482.6	7.4	73.8

(a) Attendance in this table refers to those students undertaking recognised study. For a definition of the term 'recognised study' see the Glossary.

7. PERSONS AGED 15 TO 64 : STATUS OF 1998 STUDENTS(a) IN MAY 1999
(^{'000})

	<i>Age</i>			<i>Total</i>
	<i>15-19</i>	<i>20-24</i>	<i>25-64</i>	
Attended an educational institution in 1998	1,148.1	553.1	825.2	2,526.4
Attended full-time in 1998	1,074.1	365.1	206.4	1,645.6
Attending full-time education in May 1999	898.0	232.0	106.9	1,236.8
Leavers	176.1	133.1	99.5	408.7
Employed	122.7	107.8	71.1	301.6
Full-time workers	76.9	72.9	50.9	200.6
Part-time workers	45.8	34.9	20.3	101.0
Unemployed	30.6	14.0	14.0	58.6
Not in labour force	22.7	11.4	14.4	48.5
Attended part-time in 1998	74.1	188.0	618.7	880.8
Attending an educational institution in May 1999	50.4	99.1	291.3	440.8
Full-time	* 2.8	7.0	12.6	22.4
Part-time	47.6	92.1	278.7	418.4
Not attending an educational institution in May 1999	23.7	88.9	327.5	440.0
Did not attend an educational institution in 1998	172.8	774.3	9,009.0	9,956.2
Total	1,321.0	1,327.4	9,834.2	12,482.6

(a) Students referred to in this table are those undertaking recognised study. For a definition of the term 'recognised study' see the Glossary.

8. PERSONS AGED 15 TO 64 : CHARACTERISTICS OF PERSONS WHO ATTENDED IN 1998 AND NOT IN MAY 1999
(^{'000})

	<i>Attended full-time in 1998</i>		<i>Attended part-time in 1998</i>		<i>Total attended in 1998</i>		<i>Total</i>
	<i>In labour force</i>	<i>Not in labour force</i>	<i>In labour force</i>	<i>Not in labour force</i>	<i>In labour force</i>	<i>Not in labour force</i>	
<i>Level of course in 1998 —</i>							
Attended recognised study(a) during 1998	271.7	34.3	394.9	30.2	666.6	64.5	731.1
Higher degree	9.5	* 1.8	25.9	* 1.0	35.4	* 2.8	38.2
Postgraduate diploma	9.6	** 0.6	27.5	* 1.3	37.1	* 1.9	39.0
Bachelor degree	73.7	5.8	57.6	* 2.9	131.2	8.7	139.9
Undergraduate diploma	23.4	* 1.2	33.9	* 3.1	57.3	* 4.3	61.6
Associate diploma	11.0	* 1.2	34.0	* 3.0	45.0	* 4.3	49.2
Skilled vocational	14.7	* 3.1	65.6	* 2.9	80.2	5.9	86.1
Basic vocational	42.7	6.1	137.4	13.9	180.2	20.0	200.2
Secondary school	87.1	14.5	13.0	* 2.2	100.1	16.6	116.8
Attended non-recognised study during 1998	14.2	* 3.5	177.9	36.6	192.1	40.1	232.1
Level not stated/uncodeable	* 4.6	* 1.3	34.0	* 3.5	38.6	* 4.8	43.4
Study not resulting in a qualification	9.6	* 2.2	143.9	33.1	153.5	35.2	188.7
<i>Educational attainment —</i>							
With recognised post-school qualifications(a)	161.8	14.4	423.5	37.5	585.3	51.9	637.2
Higher degree	9.0	* 1.8	27.2	** 0.0	36.2	* 1.8	38.0
Postgraduate diploma	8.1	** 0.0	32.4	* 3.0	40.5	* 3.0	43.6
Bachelor degree	66.1	* 2.5	99.2	8.7	165.3	11.1	176.5
Undergraduate diploma	21.6	* 1.5	43.8	6.2	65.4	7.7	73.1
Associate diploma	9.8	* 1.2	35.3	* 3.0	45.1	* 4.2	49.3
Skilled vocational qualification	14.9	* 2.8	96.9	* 2.8	111.8	5.6	117.4
Basic vocational qualification	32.4	* 4.6	88.6	13.8	121.0	18.4	139.4
Without recognised post-school qualifications(b)	124.0	23.4	149.3	29.3	273.3	52.7	326.0
Completed highest level of school	70.7	11.4	62.4	11.6	133.1	23.0	156.1
Did not complete highest level of school	53.4	12.0	86.9	17.1	140.2	29.2	169.4
Total	285.9	37.8	572.8	66.8	858.6	104.6	963.2

(a) For a definition of the terms 'recognised study' and 'recognised qualification' see the Glossary. (b) Includes persons who never attended school.

9. PERSONS AGED 15 TO 64 : EDUCATIONAL ATTAINMENT, MAY 1999
(^{'000})

<i>Educational attainment</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>
With post-school qualifications(a)	2,988.8	2,463.6	5,452.4
Higher degree	151.6	93.2	244.8
Postgraduate diploma	106.5	170.0	276.5
Bachelor degree	689.1	712.1	1,401.2
Undergraduate diploma	246.0	373.5	619.5
Associate diploma	182.3	203.1	385.4
Skilled vocational qualification	1,238.8	179.5	1,418.3
Basic vocational qualification	374.4	732.2	1,106.6
Without post-school qualifications(b)	2,919.2	3,434.5	6,353.7
Completed highest level of school	1,079.6	1,197.0	2,276.6
Attending tertiary in May 1999	332.6	344.7	677.3
Not attending tertiary in May 1999(c)	747.0	852.3	1,599.3
Did not complete highest level of school	1,833.5	2,230.3	4,063.8
Attending tertiary in May 1999	125.6	119.6	245.1
Not attending tertiary in May 1999(c)	1,708.0	2,110.7	3,818.7
Still at school	338.0	338.5	676.5
Total	6,245.9	6,236.7	12,482.6

(a) As defined under the ABS Classification of Qualifications (ABSCQ). See the Explanatory Notes for details. (b) Includes persons who never attended school. (c) Includes persons whose study was not intended to result in a recognised educational qualification.

10. PERSONS AGED 15 TO 64 : AGE AND EDUCATIONAL ATTAINMENT, MAY 1999
(^{'000})

<i>Educational attainment</i>	<i>Age</i>						<i>Total</i>
	<i>15-19</i>	<i>20-24</i>	<i>25-34</i>	<i>35-44</i>	<i>45-54</i>	<i>55-64</i>	
With post-school qualifications(a)	56.6	543.4	1,493.2	1,529.1	1,210.5	619.6	5,452.4
Higher degree	** 0.0	* 2.2	45.8	81.8	83.9	31.1	244.8
Postgraduate diploma	** 0.0	11.2	64.4	90.5	83.9	26.6	276.5
Bachelor degree	* 0.9	171.6	458.3	378.1	278.4	113.9	1,401.2
Undergraduate diploma	5.3	58.3	135.8	176.6	159.6	84.0	619.5
Associate diploma	* 3.3	49.7	113.5	107.5	80.6	30.8	385.4
Skilled vocational qualification	10.5	114.8	386.2	404.3	297.7	204.8	1,418.3
Basic vocational qualification	36.7	135.7	289.2	290.2	226.4	128.5	1,106.6
Without post-school qualifications(b)	592.7	781.9	1,326.9	1,355.1	1,283.1	1,014.1	6,353.7
Completed highest level of school	358.6	519.8	522.0	374.5	314.2	187.4	2,276.6
Attending tertiary in May 1999	260.4	281.4	85.7	37.0	9.3	* 3.5	677.3
Not attending tertiary in May 1999(c)	98.2	238.5	436.3	337.5	304.9	184.0	1,599.3
Did not complete highest level of school	234.1	260.8	803.1	978.5	965.9	821.3	4,063.8
Attending tertiary in May 1999	83.2	42.7	49.7	44.1	20.2	* 5.1	245.1
Not attending tertiary in May 1999(c)	150.9	218.1	753.4	934.3	945.7	816.2	3,818.7
Still at school	671.7	* 2.1	* 1.8	** 0.6	** 0.3	** 0.0	676.5
Total	1,321.0	1,327.4	2,821.8	2,884.8	2,493.9	1,633.7	12,482.6

(a) As defined under the ABS Classification of Qualifications (ABSCQ). See the Explanatory Notes for details. (b) Includes persons who never attended school. (c) Includes persons whose study was not intended to result in a recognised educational qualification.

11. PERSONS AGED 15 TO 64 : LABOUR FORCE STATUS AND EDUCATIONAL ATTAINMENT, MAY 1999

<i>Educational attainment</i>	<i>Employed</i>			<i>Unem- ployed</i>	<i>Labour force</i>	<i>Not in Labour force</i>	<i>Total</i>	<i>Unem- ployment rate</i>	<i>Partici- pation rate</i>
	<i>Full-time</i>	<i>Part-time</i>	<i>Total</i>						
				- '000-				—per	cent—
With post-school qualifications(a)	3,532.6	854.0	4,386.6	211.9	4,598.5	853.9	5,452.4	4.6	84.3
Higher degree	193.4	25.2	218.6	* 4.3	222.9	21.9	244.8	* 1.9	91.1
Postgraduate diploma	180.6	51.9	232.5	8.3	240.8	35.8	276.5	3.4	87.1
Bachelor degree	950.7	218.5	1,169.2	37.3	1,206.5	194.7	1,401.2	3.1	86.1
Undergraduate diploma	343.9	124.8	468.7	26.0	494.7	124.8	619.5	5.3	79.9
Associate diploma	246.6	64.2	310.8	17.2	328.0	57.5	385.4	5.2	85.1
Skilled vocational qualification	1,069.5	114.6	1,184.1	57.1	1,241.2	177.1	1,418.3	4.6	87.5
Basic vocational qualification	548.0	254.8	802.7	61.7	864.4	242.2	1,106.6	7.1	78.1
Without post-school qualifications(b)	2,741.9	1,186.7	3,928.6	419.0	4,347.5	2,006.1	6,353.7	9.6	68.4
Completed highest level of school	1,047.3	530.4	1,577.7	132.2	1,709.9	566.7	2,276.6	7.7	75.1
Attending tertiary in May 1999	157.7	270.1	427.8	41.7	469.5	207.8	677.3	8.9	69.3
Not attending tertiary in May 1999(c)	889.5	260.4	1,149.9	90.6	1,240.5	358.9	1,599.3	7.3	77.6
Did not complete highest level of school	1,692.1	655.3	2,347.3	285.5	2,632.8	1,431.0	4,063.8	10.8	64.8
Attending tertiary in May 1999	116.1	41.1	157.2	22.5	179.7	65.4	245.1	12.5	73.3
Not attending tertiary in May 1999(c)	1,576.0	614.1	2,190.1	263.0	2,453.1	1,365.6	3,818.7	10.7	64.2
Still at school	* 2.4	209.3	211.7	54.6	266.3	410.1	676.5	20.5	39.4
Total	6,276.9	2,250.0	8,526.9	685.5	9,212.4	3,270.2	12,482.6	7.4	73.8

(a) As defined under the ABS Classification of Qualifications (ABSCQ). See the Explanatory Notes for details. (b) Includes persons who never attended school. (c) Includes persons whose study was not intended to result in a recognised educational qualification.

12. PERSONS AGED 15 TO 64 : RELATIONSHIP IN HOUSEHOLD AND EDUCATIONAL ATTAINMENT, MAY 1999 ('000)

<i>Educational attainment</i>	<i>Husband or wife with dependants</i>	<i>Husband or wife without dependants</i>	<i>Lone parent with dependants</i>	<i>Lone parent without dependants</i>	<i>Other relative of family head(a)</i>	<i>Total member of a family</i>	<i>Non family member</i>	<i>Total(b)</i>
With post-school qualifications(c)	2,157.0	1,406.9	201.9	44.6	572.2	4,382.6	897.2	5,452.4
Higher degree	120.0	60.3	7.1	* 1.2	7.4	196.0	42.0	244.8
Postgraduate diploma	126.3	64.0	14.4	* 2.0	12.8	219.5	46.8	276.5
Bachelor degree	523.5	320.5	33.0	9.2	173.1	1,059.3	290.5	1,401.2
Undergraduate diploma	244.1	166.7	30.0	7.5	58.7	507.1	91.4	619.5
Associate diploma	138.8	101.9	18.0	* 3.9	44.0	306.6	68.9	385.4
Skilled vocational qualification	586.9	406.3	27.3	8.2	137.1	1,165.8	215.1	1,418.3
Basic vocational qualification	417.3	287.2	72.0	12.5	139.2	928.2	142.5	1,106.6
Without post-school qualifications(d)	1,913.2	1,709.3	324.7	82.7	1,173.6	5,203.5	918.1	6,353.7
Completed highest level of school	573.3	438.9	70.4	15.4	679.4	1,777.5	382.1	2,276.6
Attending tertiary in May 1999	47.9	44.9	11.2	** 0.3	380.2	484.4	139.6	677.3
Not attending tertiary in May 1999(e)	525.5	394.0	59.2	15.1	299.3	1,293.1	242.5	1,599.3
Did not complete highest level of school	1,336.5	1,264.8	254.3	67.0	492.8	3,415.5	533.9	4,063.8
Attending tertiary in May 1999	45.4	29.8	22.7	* 1.4	99.9	199.1	39.2	245.1
Not attending tertiary in May 1999(e)	1,291.1	1,235.1	231.6	65.6	393.0	3,216.3	494.7	3,818.7
Still at school	* 1.5	* 1.7	* 1.1	** 0.1	635.5	639.9	6.6	676.5
Total	4,071.7	3,117.9	527.6	127.4	2,381.3	10,225.9	1,821.9	12,482.6

(a) Comprises dependent students, non-dependent children and other family persons. (b) Includes persons whose relationship in household could not be determined. (c) As defined under the ABS Classification of Qualifications (ABSCQ). See the Explanatory Notes for details. (d) Includes persons who never attended school. (e) Includes persons whose study was not intended to result in a recognised educational qualification.

13. UNEMPLOYED PERSONS AGED 15 TO 64 : SUMMARY OF CHARACTERISTICS, MAY 1999
(^{'000})

	<i>Educational attainment(a)</i>						<i>Total(b)</i>
	<i>Higher degree, Postgraduate diploma or Bachelor degree</i>	<i>Under- graduate diploma or Associate diploma</i>	<i>Skilled vocational qualifi- cation</i>	<i>Basic vocational qualifi- cation</i>	<i>Completed highest level of secondary school</i>	<i>Did not complete highest level of secondary school</i>	
<i>Area of usual residence—</i>							
Capital City	39.4	27.2	33.9	30.1	92.5	152.2	407.1
Balance of State/Territory	10.5	16.0	23.2	31.6	39.7	133.2	278.4
<i>Age —</i>							
15-19	** 0.0	** 0.7	* 1.2	6.9	36.2	42.7	141.5
20-24	9.5	7.9	5.8	14.4	36.0	43.6	118.2
25-34	13.1	12.2	13.1	15.4	29.9	73.8	157.5
35-44	12.4	10.3	15.2	13.3	16.2	61.0	128.7
45-54	9.8	9.4	14.5	7.2	10.3	45.3	96.9
55-64	* 5.1	* 2.7	7.3	* 4.5	* 3.7	19.1	42.7
<i>Marital status —</i>							
Married	22.1	17.8	28.6	22.7	31.8	120.4	244.1
Not-married	27.8	25.4	28.5	39.1	100.5	165.1	441.4
<i>Birthplace and period of arrival —</i>							
Born in Australia	26.0	26.8	36.7	49.4	89.1	217.2	492.6
Born outside Australia	23.9	16.4	20.5	12.3	43.2	68.3	192.9
Arrived before 1961	* 1.7	** 0.6	* 2.4	* 1.1	** 0.7	7.6	14.2
Arrived 1961-1970	* 1.2	* 3.0	5.8	* 2.6	* 4.3	11.4	29.2
Arrived 1971-1980	* 3.5	* 3.2	* 4.3	* 1.8	8.8	14.2	35.8
Arrived 1981-1990	9.1	* 4.7	* 4.3	* 3.5	14.1	20.9	61.4
Arrived 1991-1999	8.4	* 4.9	* 3.6	* 3.3	15.2	14.1	52.3
<i>Duration of current period of unemployment —</i>							
1 and under 4 weeks	7.0	7.8	9.4	11.1	25.0	42.3	112.4
4 and under 8 weeks	7.7	* 4.7	* 4.8	6.5	14.8	27.9	77.8
8 and under 13 weeks	7.9	* 3.3	* 5.0	6.9	12.4	23.0	65.1
13 and under 26 weeks	5.8	9.4	11.9	10.6	29.3	52.3	133.9
26 and under 52 weeks	7.8	6.5	8.1	7.6	18.9	32.4	87.4
52 and under 104 weeks	6.5	5.3	6.6	9.7	13.7	43.2	90.8
104 weeks and over	7.2	6.2	11.2	9.4	18.1	64.5	118.0
Persons	49.9	43.2	57.1	61.7	132.2	285.5	685.5
Males	26.6	20.7	49.7	26.8	73.0	170.1	395.8
Females	23.3	22.5	7.4	34.9	59.3	115.4	289.7

(a) As defined under the ABS Classification of Qualifications (ABSCQ). See the Explanatory Notes. (b) Includes persons still at school and persons who never attended school.

14. EMPLOYED PERSONS AGED 15 TO 64 : SUMMARY OF CHARACTERISTICS, MAY 1999
(^{'000})

	Educational attainment(a)						
	Higher degree	Post-graduate diploma	Bachelor degree	Under-graduate diploma	Associate diploma	Skilled vocational qualification	Basic vocational qualification
<i>Area of usual residence—</i>							
Capital City	173.8	158.4	871.8	318.4	212.9	711.6	484.8
Balance of State/Territory	44.7	74.1	297.4	150.4	97.9	472.5	317.9
<i>Age —</i>							
15-19	** 0.0	** 0.0	* 0.9	* 4.8	* 1.9	8.1	27.2
20-24	* 2.2	7.3	143.4	47.0	40.7	102.1	103.7
25-34	38.6	56.3	387.1	105.8	90.4	345.5	213.4
35-44	72.8	76.9	325.8	138.5	94.1	359.5	218.9
45-54	79.6	75.0	240.1	127.9	66.2	253.8	176.2
55-64	25.3	17.0	71.9	44.7	17.5	115.1	63.3
<i>Birthplace and period of arrival —</i>							
Born in Australia	133.6	176.1	832.1	323.5	241.3	916.7	626.6
Born outside Australia	85.0	56.4	337.1	145.3	69.5	267.4	176.1
Arrived before 1961	9.6	8.5	24.5	13.8	5.7	43.0	20.0
Arrived 1961-1970	8.3	13.2	44.0	23.8	14.1	77.4	40.3
Arrived 1971-1980	15.6	10.6	72.0	26.8	15.2	61.3	40.5
Arrived 1981-1990	24.2	16.3	121.5	47.8	20.7	57.3	52.3
Arrived 1991-1999	27.2	7.9	75.1	33.0	13.8	28.5	23.1
<i>Status of worker —</i>							
Wage and salary earners	196.1	211.5	1,064.2	416.1	271.5	924.1	702.5
Other	22.5	21.0	105.0	52.6	39.3	260.0	100.2
<i>Full-time/part-time status —</i>							
Full-time workers	193.4	180.6	950.7	343.9	246.6	1,069.5	548.0
Part-time workers	25.2	51.9	218.5	124.8	64.2	114.6	254.8
<i>Occupation in current job —</i>							
Managers and administrators	33.0	20.4	105.6	29.5	27.1	78.7	51.3
Professionals	149.8	147.0	703.5	190.6	63.8	42.6	47.7
Associate professionals	17.8	26.2	117.5	72.7	61.2	129.5	108.7
Tradespersons and related workers	* 2.4	5.4	22.1	22.9	25.2	595.4	76.8
Advanced clerical and service workers	* 1.5	5.2	25.3	25.3	15.7	14.1	84.6
Intermediate clerical, sales and service workers	9.4	17.0	115.7	82.0	75.9	83.1	228.8
Intermediate production and transport workers	* 1.8	* 2.9	20.1	6.1	11.2	116.0	58.4
Elementary clerical, sales and service workers	* 2.3	5.3	39.6	21.9	18.0	46.0	81.1
Labourers and related workers	** 0.4	* 3.2	19.8	17.8	12.6	78.7	65.3
<i>Industry of current job —</i>							
Agriculture, forestry and fishing	* 2.6	* 4.0	17.9	9.4	10.0	34.8	51.3
Mining	* 2.7	* 0.8	10.8	* 2.5	* 2.1	20.6	* 4.4
Manufacturing	12.2	12.6	83.8	38.8	36.4	238.6	92.9
Electricity, gas and water supply	* 2.2	* 1.2	11.8	* 2.4	6.1	14.2	6.2
Construction	* 2.9	* 4.1	24.2	15.4	19.0	265.3	45.8
Wholesale trade	7.4	7.2	60.1	28.4	21.2	69.4	52.5
Retail trade	* 2.9	7.8	65.6	31.6	27.1	167.2	101.1
Accommodation, cafes and restaurants	** 0.6	* 1.3	23.3	22.8	10.0	42.3	41.1
Transport and storage	* 2.5	* 2.2	24.5	21.9	11.5	65.9	40.4
Communication services	* 2.3	* 4.3	11.7	6.1	6.0	25.7	14.5
Finance and insurance	11.0	8.5	52.7	18.3	14.0	7.9	31.1
Property and business services	43.8	26.0	234.4	61.3	49.0	80.0	97.0
Government administration and defence	16.3	19.4	84.5	17.7	18.9	26.2	32.0
Education	64.3	86.1	210.1	56.4	22.0	21.1	32.2
Health and community services	36.0	35.0	192.3	106.9	32.9	30.6	107.9
Cultural and recreational services	* 3.7	5.9	34.5	11.5	10.6	15.8	18.3
Personal and other services	5.2	6.3	26.9	17.2	13.9	58.5	33.9
Persons	218.6	232.5	1,169.2	468.7	310.8	1,184.1	802.7
Males	139.9	98.1	608.6	208.1	159.9	1,061.1	312.4
Females	78.7	134.4	560.6	260.7	150.9	123.0	490.3

14. EMPLOYED PERSONS AGED 15 TO 64 : SUMMARY OF CHARACTERISTICS, MAY 1999 —continued
(*000)

	Educational attainment(a)				Total(c)
	Total with post- school qualifi- cations	Completed highest level of secondary school	Did not complete highest level of secondary school	Total without post-school qualifi- cations(b)	
<i>Area of usual residence—</i>					
Capital City	2,931.7	1,097.4	1,324.2	2,424.1	5,473.9
Balance of State/Territory	1,454.9	480.3	1,023.2	1,504.4	3,053.0
<i>Age —</i>					
15-19	42.9	222.8	147.8	370.6	623.1
20-24	446.3	372.2	156.6	529.2	976.2
25-34	1,237.2	392.2	500.4	893.5	2,131.8
35-44	1,286.6	280.8	640.7	922.4	2,209.2
45-54	1,018.8	226.9	622.6	850.3	1,869.3
55-64	354.9	82.8	279.2	362.6	717.5
<i>Birthplace and period of arrival —</i>					
Born in Australia	3,249.8	1,183.7	1,866.8	3,051.9	6,496.2
Born outside Australia	1,136.8	394.1	480.5	876.7	2,030.8
Arrived before 1961	125.1	27.4	82.3	110.0	235.1
Arrived 1961-1970	221.0	56.8	139.9	197.4	418.6
Arrived 1971-1980	242.0	92.5	105.7	198.6	440.6
Arrived 1981-1990	340.0	139.2	97.1	237.0	586.3
Arrived 1991-1999	208.7	78.2	55.5	133.7	350.2
<i>Status of worker —</i>					
Wage and salary earners	3,786.0	1,428.6	1,970.4	3,400.9	7,385.4
Other	600.6	149.1	376.9	527.6	1,141.5
<i>Full-time/part-time status —</i>					
Full-time workers	3,532.6	1,047.3	1,692.1	2,741.9	6,276.9
Part-time workers	854.0	530.4	655.3	1,186.7	2,250.0
<i>Occupation in current job —</i>					
Managers and administrators	345.7	87.7	157.4	245.3	591.1
Professionals	1,345.0	115.2	64.5	180.1	1,525.5
Associate professionals	533.7	199.3	212.3	412.3	949.0
Tradespersons and related workers	750.3	119.2	267.3	387.0	1,140.3
Advanced clerical and service workers	171.7	81.4	113.0	194.4	366.4
Intermediate clerical, sales and service workers	611.9	426.9	434.6	861.5	1,494.5
Intermediate production and transport workers	216.4	129.0	395.5	524.9	758.7
Elementary clerical, sales and service workers	214.2	258.7	287.1	546.1	878.1
Labourers and related workers	197.7	160.4	415.5	576.9	823.3
<i>Industry of current job —</i>					
Agriculture, forestry and fishing	129.9	59.2	171.5	231.0	366.7
Mining	44.0	8.0	22.6	30.7	74.6
Manufacturing	515.4	167.6	364.8	533.6	1,052.9
Electricity, gas and water supply	44.1	7.2	15.6	22.7	66.9
Construction	376.6	73.8	197.4	271.2	648.4
Wholesale trade	246.4	104.3	154.1	258.4	508.6
Retail trade	403.2	340.8	406.4	748.2	1,299.6
Accommodation, cafes and restaurants	141.5	121.8	114.4	236.2	398.8
Transport and storage	169.0	67.3	167.5	234.8	404.0
Communication services	70.6	40.7	45.8	86.7	158.3
Finance and insurance	143.6	93.5	64.9	158.5	302.3
Property and business services	591.4	163.4	182.8	346.2	945.0
Government administration and defence	215.0	62.7	77.4	140.1	355.1
Education	492.1	49.9	72.8	122.7	616.4
Health and community services	541.6	96.4	154.1	250.9	795.7
Cultural and recreational services	100.3	59.1	45.1	104.7	212.0
Personal and other services	161.9	61.9	90.2	152.1	321.8
Persons	4,386.6	1,577.7	2,347.3	3,928.6	8,526.9
Males	2,588.1	823.2	1,294.3	2,119.7	4,802.5
Females	1,798.6	754.5	1,053.1	1,808.9	3,724.5

(a) As defined under the ABS Classification of Qualifications (ABSCQ). See the Explanatory Notes. (b) Includes persons who never attended school. (c) Includes persons still at school.

15. PERSONS AGED 15 TO 24 WHO HAVE LEFT SCHOOL(a) : TYPE OF SCHOOL LAST ATTENDED

Type of post-school educational course attending in May 1999	Employed			Unem- ployed - '000-	Labour force	Not in labour force	Total	Unemp- loyment rate —per cent—	Partici- pation rate
	Full-time	Part-time	Total						
LAST ATTENDED A GOVERNMENT SCHOOL									
Attending recognised study in May 1999(b)	17.7	36.6	54.3	8.9	63.2	32.0	95.2	14.1	66.4
Bachelor degree or higher	** 0.4	22.4	22.8	* 3.7	26.4	17.3	43.7	* 13.9	60.5
Undergraduate diploma	** 0.3	5.7	5.9	** 0.7	6.7	* 3.6	10.3	** 11.1	64.8
Associate diploma	** 0.3	* 1.5	* 1.8	** 0.8	* 2.6	* 1.9	* 4.5	** 29.9	* 57.6
Skilled vocational course	13.5	** 0.5	14.0	** 0.7	14.6	* 2.4	17.1	** 4.5	85.8
Basic vocational course	* 3.3	5.7	9.0	* 1.9	10.9	* 5.1	16.0	* 17.6	68.0
Attending non-recognised study in May 1999	* 2.4	* 2.5	* 4.9	* 1.1	6.0	5.5	11.6	* 18.3	52.2
Not attending in May 1999	27.6	22.3	49.8	20.4	70.2	12.6	82.8	29.0	84.8
Total	47.7	61.4	109.0	30.4	139.4	50.1	189.5	21.8	73.6
LAST ATTENDED A NON-GOVERNMENT SCHOOL									
Attending recognised study in May 1999(b)	* 4.7	30.5	35.2	* 4.9	40.1	25.0	65.2	* 12.3	61.6
Bachelor degree or higher	** 0.4	23.1	23.6	* 3.9	27.4	17.0	44.4	* 14.1	61.7
Undergraduate diploma	** 0.0	* 3.0	* 3.0	** 0.0	* 3.0	* 3.1	6.1	** 0.0	* 49.9
Associate diploma	** 0.0	** 0.4	** 0.4	** 0.4	** 0.7	** 0.8	* 1.5	** 50.2	** 48.1
Skilled vocational course	* 3.7	* 2.0	5.8	** 0.5	6.3	* 1.3	7.5	** 8.1	83.2
Basic vocational course	** 0.5	* 2.0	* 2.5	** 0.2	* 2.7	* 2.5	5.2	** 7.4	* 51.5
Attending non-recognised study in May 1999	* 0.8	** 0.4	* 1.2	* 1.1	* 2.3	* 1.6	* 3.9	* 48.7	* 59.5
Not attending in May 1999	13.6	7.0	20.6	* 3.9	24.5	* 2.5	27.0	* 15.9	90.7
Total	19.1	37.9	57.0	9.9	67.0	29.2	96.1	14.9	69.7
TOTAL ATTENDED SCHOOL IN 1998									
Attending recognised study in May 1999(b)	22.4	67.1	89.5	13.8	103.3	57.0	160.4	13.4	64.4
Bachelor degree or higher	* 0.8	45.5	46.3	7.5	53.9	34.3	88.2	14.0	61.1
Undergraduate diploma	** 0.3	8.7	9.0	** 0.7	9.7	6.7	16.4	** 7.6	59.2
Associate diploma	** 0.3	* 1.9	* 2.2	* 1.1	* 3.3	* 2.7	6.0	* 34.3	* 55.2
Skilled vocational course	17.2	* 2.5	19.7	* 1.2	20.9	* 3.7	24.6	* 5.5	85.0
Basic vocational course	* 3.8	7.6	11.4	* 2.1	13.5	7.6	21.1	* 15.6	64.0
Attending non-recognised study in May 1999	* 3.2	* 2.9	6.1	* 2.2	8.4	7.1	15.5	* 26.8	54.0
Not attending in May 1999	41.2	29.2	70.4	24.3	94.7	15.1	109.8	25.6	86.2
Total	66.8	99.2	166.0	40.3	206.4	79.3	285.7	19.5	72.2

(a) Comprises persons who attended school in 1998 and were not attending school in May 1999. (b) Includes a small number of persons attending secondary school courses.

16. PERSONS AGED 15 TO 24 WHO HAVE LEFT SCHOOL(a) : HIGHEST YEAR OF SCHOOL COMPLETED

Whether attending an educational institution and type of institution attending in May 1999	Employed			Unem- ployed - '000-	Labour force	Not in labour force	Total	Unem- ployment rate —per cent—	Partici- pation rate
	Full-time	Part-time	Total						
COMPLETED YEAR 12									
Attending in May 1999	11.2	63.5	74.6	12.6	87.2	52.5	139.7	14.4	62.4
Higher education	* 1.3	47.2	48.5	9.0	57.5	35.4	92.9	15.6	61.9
TAFE	8.5	13.7	22.2	* 3.0	25.2	13.7	38.9	* 11.8	64.9
Other(b)	* 1.4	* 2.5	* 3.8	** 0.6	* 4.5	* 3.5	7.9	** 13.7	* 56.3
Not attending in May 1999	21.2	17.0	38.2	8.7	46.9	6.2	53.1	18.6	88.3
Total	32.4	80.4	112.8	21.3	134.1	58.7	192.8	15.9	69.5
COMPLETED YEAR 11									
Attending in May 1999	6.2	* 2.5	8.7	* 1.4	10.0	* 5.0	15.0	* 13.7	66.8
Higher education	** 0.0	** 0.3	** 0.3	** 0.1	** 0.4	** 0.4	* 0.8	** 21.4	** 50.8
TAFE	* 4.5	* 2.0	6.5	* 1.1	7.6	* 3.0	10.6	* 14.7	71.4
Other(b)	* 1.7	** 0.1	* 1.9	** 0.2	* 2.0	* 1.6	* 3.6	** 8.4	* 56.6
Not attending in May 1999	8.2	* 3.1	11.3	5.7	17.0	* 1.1	18.1	33.6	93.9
Total	14.4	5.6	20.0	7.1	27.1	6.1	33.2	26.2	81.6
COMPLETED YEAR 10									
Attending in May 1999	6.9	* 3.0	10.0	* 1.8	11.8	* 4.4	16.1	* 15.7	73.1
Higher education	** 0.0	** 0.0	** 0.0	** 0.0	** 0.0	** 0.4	** 0.4	** 0.0	** 0.0
TAFE	6.6	* 2.4	9.0	* 1.8	10.9	* 2.7	13.5	* 17.0	80.3
Other(b)	** 0.3	** 0.6	* 0.9	** 0.0	* 0.9	* 1.3	* 2.2	** 0.0	* 41.8
Not attending in May 1999	10.8	6.4	17.2	5.8	23.0	5.2	28.1	25.1	81.7
Total	17.7	9.4	27.2	7.6	34.8	9.5	44.3	21.9	78.5
COMPLETED OTHER YEAR									
Attending in May 1999	* 1.3	* 1.0	* 2.4	** 0.3	* 2.7	* 2.3	* 5.0	** 11.3	* 53.6
Higher education	** 0.0	** 0.0	** 0.0	** 0.0	** 0.0	** 0.3	** 0.3	** 0.0	** 0.0
TAFE	* 1.0	** 0.7	* 1.7	** 0.3	* 2.0	* 1.2	* 3.2	** 15.3	* 62.2
Other(b)	** 0.3	** 0.4	** 0.7	** 0.0	** 0.7	* 0.8	* 1.5	** 0.0	** 46.0
Not attending in May 1999	* 1.0	* 2.7	* 3.7	* 4.1	7.8	* 2.6	10.4	* 52.2	74.9
Total	* 2.3	* 3.8	6.1	* 4.4	10.5	* 4.9	15.4	* 41.7	67.9
TOTAL ATTENDED SCHOOL IN 1998									
Attending in May 1999	25.6	70.0	95.6	16.1	111.7	64.2	175.9	14.4	63.5
Higher education	* 1.3	47.6	48.9	9.0	57.9	36.5	94.4	15.6	61.3
TAFE	20.6	18.8	39.4	6.3	45.7	20.6	66.2	13.7	69.0
Other(b)	* 3.8	* 3.6	7.3	** 0.8	8.1	7.1	15.3	** 9.6	53.2
Not attending in May 1999	41.2	29.2	70.4	24.3	94.7	15.1	109.8	25.6	86.2
Total	66.8	99.2	166.0	40.3	206.4	79.3	285.7	19.5	72.2

(a) Comprises persons who attended school in 1998 and were not attending school in May 1999. (b) Includes Business colleges, Industry skills centres and Other educational institutions.

17. PERSONS AGED 19 OR 22 : LABOUR FORCE STATUS AND EDUCATIONAL ATTAINMENT, MAY 1999

	<i>Employed</i>			<i>Unem- ployed</i>	<i>Labour force</i>	<i>Not in labour force</i>	<i>Total</i>	<i>Unemp- loyment rate</i>	<i>Partici- pation rate</i>
	<i>Full-time</i>	<i>Part-time</i>	<i>Total</i>						
<i>Educational attainment</i>				- '000-				—per cent—	
AGED 19 YEARS IN MAY 1999									
With post-school qualifications(a)(b)	17.7	7.6	25.3	* 4.9	30.1	* 2.4	32.6	* 16.1	92.6
Skilled vocational qualification	* 3.7	* 1.2	* 4.9	** 0.6	5.5	** 0.8	6.3	** 11.1	87.7
Basic vocational qualification	11.5	* 3.9	15.4	* 3.5	18.9	* 0.9	19.8	* 18.7	95.7
Without post-school qualifications(c)	68.4	76.6	144.9	25.1	170.0	56.7	226.7	14.7	75.0
Completed highest level of school	39.5	67.1	106.5	15.1	121.6	45.8	167.4	12.4	72.6
Attending a tertiary institution in May	17.8	54.7	72.6	7.3	79.9	42.0	121.9	9.1	65.5
Not attending a tertiary institution in May	21.6	12.3	34.0	7.8	41.7	* 3.8	45.5	18.6	91.7
Did not complete highest level of school	28.9	9.5	38.4	10.0	48.4	10.9	59.3	20.7	81.6
Attending a tertiary institution in May	12.0	* 1.1	13.0	* 0.9	13.9	* 2.2	16.1	* 6.3	86.2
Not attending a tertiary institution in May	16.9	8.4	25.4	9.1	34.5	8.7	43.2	26.4	79.9
<i>Total(d)</i>	<i>86.3</i>	<i>84.5</i>	<i>170.8</i>	<i>30.2</i>	<i>201.0</i>	<i>59.9</i>	<i>261.0</i>	<i>15.0</i>	<i>77.0</i>
AGED 22 YEARS IN MAY 1999									
With post-school qualifications(a)(b)	70.3	20.9	91.2	7.9	99.1	13.5	112.7	8.0	88.0
Bachelor degree	20.5	7.6	28.1	* 1.2	29.2	5.3	34.5	* 4.0	84.8
Associate diploma	5.6	* 1.9	7.5	* 1.0	8.5	* 0.9	9.4	* 12.1	90.7
Skilled vocational qualification	17.5	* 2.5	20.0	* 2.3	22.3	* 2.6	24.9	* 10.2	89.7
Basic vocational qualification	17.9	5.8	23.6	* 3.1	26.7	* 3.4	30.1	* 11.6	88.7
Without post-school qualifications(c)	70.3	37.8	108.1	11.4	119.5	31.8	151.3	9.6	79.0
Completed highest level of school	45.1	31.5	76.6	* 4.7	81.3	20.1	101.4	* 5.8	80.2
Attending a tertiary institution in May	14.5	21.4	35.9	* 3.8	39.6	15.5	55.1	* 9.5	71.9
Not attending a tertiary institution in May	30.6	10.1	40.7	* 0.9	41.7	* 4.6	46.3	* 2.3	90.0
Did not complete highest level of school	25.2	6.3	31.5	6.5	38.0	11.1	49.1	17.0	77.3
Attending a tertiary institution in May	* 3.3	* 1.4	* 4.8	* 1.2	5.9	* 2.0	7.9	* 19.5	74.7
Not attending a tertiary institution in May	21.9	* 4.9	26.7	5.3	32.0	9.1	41.2	16.6	77.8
<i>Total(d)</i>	<i>140.6</i>	<i>58.7</i>	<i>199.3</i>	<i>19.4</i>	<i>218.7</i>	<i>45.3</i>	<i>264.0</i>	<i>8.9</i>	<i>82.8</i>

(a) As defined under the ABS Classification of Qualifications (ABSCQ). See the Explanatory Notes. (b) Includes persons with other levels of post-school qualifications not separately shown. (c) Includes persons who never attended school. (d) Includes persons still at school.

18. APPRENTICES AGED 15 TO 64(a) : SUMMARY OF CHARACTERISTICS, MAY 1994 TO MAY 1999
(^{'000})

	1994	1995	1996	1997	1998	1999
<i>Sex—</i>						
Males	99.9	103.4	111.4	108.8	107.7	115.5
Females	14.1	11.2	14.9	12.3	16.9	16.6
<i>Age—</i>						
15–19	66.8	68.2	67.8	65.3	71.4	73.5
15–17	26.2	19.1	20.6	17.8	23.2	22.1
18	18.8	24.6	24.9	24.6	21.7	24.9
19	21.8	24.6	22.3	22.9	26.4	26.6
20–34	47.1	46.3	58.5	55.7	52.8	55.6
35–64	..	..	..	..	** 0.3	* 3.1
<i>Birthplace—</i>						
Born in Australia	110.0	108.9	120.2	113.6	115.2	124.0
Born outside Australia	* 3.9	* 5.7	6.1	7.5	9.3	8.1
<i>Whether attended an educational institution and type of institution attended in previous year—</i>						
Attended	96.7	99.1	113.1	105.5	110.7	114.1
School	27.8	20.2	20.9	17.3	21.5	23.3
Tertiary	68.9	78.8	92.1	88.2	89.3	90.7
Did not attend	17.2	15.5	13.2	15.6	13.7	18.1
<i>Age at time of leaving full-time education—</i>						
Attending full-time in May	* 1.6	* 3.0	* 5.2	* 4.5	4.8	* 4.6
Not attending full-time in May	112.3	111.6	117.1	110.4	114.4	116.3
Left at age—						
15–19	103.6	101.8	112.5	106.9	108.7	107.6
15	20.3	15.5	13.0	16.3	26.7	25.3
16	27.8	26.5	34.2	31.6	35.4	27.4
17–19	55.5	59.8	65.4	59.0	46.5	54.9
Other(b)	8.7	9.7	* 4.6	* 3.5	5.7	8.7
Not asked(c)	** 0.0	** 0.0	* 4.0	6.0	5.3	11.2
<i>Type of school last attended—</i>						
Government	79.8	80.0	90.3	94.4	89.5	88.2
Non-government	28.3	29.0	32.0	20.7	29.7	32.7
Not asked(d)	5.9	* 5.6	* 4.0	6.0	5.3	11.2
<i>Industry (ASIC)(e)—</i>						
Manufacturing	24.3	..	..	..	..	..
Construction	26.2	..	..	..	..	..
Wholesale and retail trade	25.7	..	..	..	..	..
Recreation, personal and other services	19.6	..	..	..	..	..
Other(f)	18.1	..	..	..	..	..
<i>Industry (ANZSIC)(e)—</i>						
Manufacturing	..	35.2	30.5	25.2	27.1	27.5
Construction	..	26.3	27.5	23.2	30.7	33.4
Wholesale and retail trade	..	25.9	28.3	35.3	31.1	32.8
Accommodation, cafes and restaurants	..	* 5.7	8.8	13.7	10.0	11.2
Cultural, recreational, personal and other services	..	8.0	10.6	7.8	10.7	11.0
Other(g)	..	13.5	20.6	15.9	14.9	16.3
<i>Field of trade(h)—</i>						
Metal fitting and machining; other metal	21.1	17.2	18.5	19.1	15.4	23.7
Electrical and electronics	14.2	13.5	18.5	17.3	16.7	12.5
Building	22.8	21.1	23.8	18.4	24.8	28.3
Vehicle	15.2	17.7	21.9	18.9	17.7	18.0
Food	13.7	12.7	14.0	9.8	9.0	10.6
Hairdressing	7.6	* 6.1	7.8	* 4.8	7.2	8.9
Other(i)	19.3	26.3	21.9	32.8	33.7	30.2
<i>When commenced—</i>						
In last twelve months	39.4	38.7	36.9	33.0	44.5	46.2
Prior to the last twelve months	74.4	75.9	89.4	88.1	80.0	85.9
All apprentices	113.9	114.6	126.3	121.1	124.5	132.2

(a) Prior to May 1998 estimates of apprentices were restricted to 15–34 year olds. (b) Comprises persons who left school at age 10–14 or 20–64.

(c) Persons aged 25–64 who were not full-time students in previous year were not asked the age at which they left full-time education.

(d) Comprises persons aged 25–64 and persons who had never attended school. (e) See paragraph 28 of the Explanatory Notes. (f) Comprises Agriculture, forestry, fishing and hunting; Mining; Electricity, gas and water; Transport and storage; Communication; Finance, property and business services; Community services; and Public administration and defence. (g) Comprises Agriculture, forestry and fishing; Mining; Electricity, gas and water supply; Transport and storage; Communication services; Finance and insurance; Property and business services; Government administration and defence; Education; Health and community services. (h) Field of trade is based on the Australian Standard Classification of Occupations (ASCO). See paragraph 29 of the Explanatory Notes for changes to ASCO introduced into the May 1997 survey. (i) Comprises Printing; Skilled Agricultural and Horticultural; and Other undefined fields of trade.

EXPLANATORY NOTES

INTRODUCTION

1 The Monthly Population Survey (which is described in *Labour Force, Australia* (Cat. no. 6203.0)) comprises the monthly Labour Force Survey and supplementary topics. This publication contains some results of a supplementary survey run in association with the May 1999 Labour Force Survey conducted throughout Australia.

2 Of the respondents to the Labour Force Survey, those who fell within the scope of the supplementary survey were asked additional questions. They were asked whether they were attending, or had attended in the previous year, an educational institution, and if so, the type of educational institution and the type of course attended. If respondents were not attending an educational institution full-time in May 1999 they were asked the year they finished full-time study. Persons who had left full-time study during the previous year were asked the time of the year they had left. Persons who were not studying were asked whether they had applied to enrol for study in 1999.

3 All persons were asked about their highest and most recent educational qualifications.

SCOPE

4 The scope of this supplementary survey was restricted to persons aged 15–64 and excluded the following persons:

- members of the permanent defence forces;
- certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- overseas residents in Australia;
- members of non-Australian defence forces (and their dependants);
- persons permanently unable to work;
- patients in hospitals and sanatoriums; and
- inmates of reformatories, gaols, etc.

5 The survey was conducted in both urban and rural areas in all States and Territories, but excluded 65,000 persons living in remote and sparsely settled parts of Australia who would otherwise have been within the scope of the survey. The exclusion of these persons will have only a minor impact on any aggregate estimates that are produced for individual States and Territories, except in the Northern Territory where the distribution of characteristics may be affected due to the relatively small population.

COVERAGE

6 In the population survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of selection. See *Labour Force, Australia* (Cat. no. 6203.0) for more details.

DEFINITIONS

7 Detailed definitions of labour force and demographic classifications appearing in this publication are given in *Labour Force, Australia* (Cat. no. 6203.0).

8 Definitions of level and main field of study of recognised educational qualifications appearing in this publication are based upon those given in the *ABS Classification of Qualifications (ABSCQ)* (Cat. no. 1262.0).

9 Unless otherwise stated, all characteristics referenced in this publication relate to the week before the interview (i.e. the reference week).

CHANGES IN QUALIFICATION CLASSIFICATIONS

10 The ABSCQ was developed to be used as a standard for the classification of data on recognised post-school educational qualifications in all relevant ABS collections.

11 The ABSCQ classifies educational qualifications according to two main elements:

- the Level of Attainment Classification, which comprises seven categories based on the minimum entry requirements, duration and theoretical orientation of the course leading to award of the qualification; and
- the Field of Study Classification, which has a hierarchical structure comprising nine broad fields, 46 narrow fields and 187 detailed fields. In household surveys, data are only available for broad and narrow fields.

12 The classification was first used in the 1991 Census of Population and Housing. Data on educational qualifications were collected by asking questions about full name of qualification, field of study, name of institution attended and year qualification completed. Using Computer Assisted Coding (CAC), they were then matched with entries in an index to determine the appropriate level of attainment and field of study codes.

13 The ABSCQ was introduced into household surveys in May 1993. At that time, CAC was not available for the collection and processing of household survey data and a prompt card methodology was adopted. It was expected that this approach would remain in use for a number of years, yielding a reasonable time series from regular surveys.

CHANGES IN QUALIFICATION
CLASSIFICATIONS *continued*

14 In the Transition from Education to Work (TEW) Surveys of 1993 to 1996, using this prompt card methodology, respondents were asked to select their Level of Attainment from a card supplied by the interviewer. This card also directed respondents, for each Level, to a further card showing Fields of Study relevant to that Level. To maintain the distinction between recognised (ABSCQ) qualifications and other educational attainment, respondents in the generalised 'certificate' Level category were asked the duration of the course of study leading to the award of the qualification. Those with less than one semester's study were deemed not to have a recognised post-school educational qualification, consistent with the definition of qualification applied in the ABSCQ.

15 The introduction of telephone interviewing in household surveys in late 1996 necessitated a change in the method of collection and processing of survey data, including data on qualifications for the May 1997 TEW Survey. Conduct of the interview by telephone meant respondents could no longer be shown prompt card listings. The option of converting prompt cards to a series of questions was impractical and would have imposed a heavy burden on both interviewers and respondents. As a result CAC was introduced to the TEW Survey in May 1997.

16 The methodological changes outlined above mean that data from the surveys of TEW from May 1992 onward have the following breaks in series.

May 1992 to May 1993

17 The introduction of the ABSCQ in May 1993 caused a major break in educational qualifications and level of course data. The new classification uses seven levels of attainment compared to the previous three plus 'Other' category.

18 The ABSCQ also makes a distinction between recognised (or formal) qualifications and others. The first break in series occurred because of this distinction. Qualifications earned as a result of less than one semester's study, and courses whose length was of less than one semester, were excluded from estimates of recognised qualifications/study under the ABSCQ. Prior to 1993 they were included as valid qualifications.

19 A broad concordance was available for Level data collected between 1992 and 1993, however nothing similar could be constructed for Field of Study.

May 1993 to May 1994

20 The second break in series occurred in May 1994 because qualifications of nurses were treated separately, resulting in some movement in Level data. Also, a new screening question for attendance data was introduced. This question ('Was this course of study being done to obtain an educational qualification?') separated out those persons who were studying but not intending to gain a qualification at the completion of their study.

May 1996 to May 1997

21 The third series break occurs with the publication of May 1997 ABSCQ data collected under CAC.

22 In the 1993–1996 surveys the use of prompt cards allowed respondents, or others reporting on their behalf (in the order of half of all responses), to select their own Level and Field of Study. Experience suggests that with this methodology people were more likely to select Skilled vocational or Associate diploma levels, and less likely to select Basic vocational or Undergraduate diploma levels.

23 In addition, from 1997, information about course duration is no longer used in determining whether a respondent had a qualification or not. Examination of survey data suggests that respondents understating the duration of course in the 1993 to 1996 surveys had put many into the less than one semester category, and thus out of scope of the ABSCQ.

24 The main impact on the data, as evidenced in changes between the 1996 and 1997 data, has been:

- significant changes in the relative distributions of Undergraduate diplomas and Associate diplomas; and
- significant changes in the estimates of the number of people with Skilled vocational and Basic vocational qualifications.

Comparison with 1996
Census

25 Data on highest post-school qualification gained were also collected in the Census of Population and Housing in August 1996, using the same coding methodology as that used in the May 1997 TEW. Comparison of the Census data with the May 1997 TEW reveals a number of significant differences between the two collections. However, there are many factors which can lead to differences in results from the Census and household surveys. These factors include: the timing of the collection; interview versus self-enumeration methodology; level of non-response; inadequately described responses; survey sampling error; differing scope; different population benchmarks; underenumeration in Census; and tendencies toward overstatement of qualifications in self-enumerated collections.

Caution

26 Because of the factors mentioned above, the ABS cautions users of qualifications data against attempting to make comparisons between data from the 1996 and 1997 TEW surveys or between 1997 TEW and the 1996 Census of Population and Housing. Results from the Survey of Education and Training, conducted from March to May 1997, are broadly consistent with data on educational qualifications presented in the 1997 to 1999 TEW publications. Data from that survey were published in early November 1998.

27 For further information on these changes please refer to the contact officer at the front of this publication.

CHANGES IN INDUSTRY CLASSIFICATION	28 From August 1995, industry data are classified according to the Australian and New Zealand Standard Industrial Classification (ANZSIC), a detailed description of which appears in <i>Australian and New Zealand Standard Industrial Classification (ANZSIC), 1993</i> (Cat. no. 1292.0). Like the previous Australian Standard Industrial Classification, ANZSIC classifies businesses according to their economic activities, in a structure consisting of four levels (Division, Subdivision, Group and Class).
CHANGES IN OCCUPATION CLASSIFICATION	29 From August 1996, occupation data are classified according to <i>ASCO—Australian Standard Classification of Occupation, Second Edition</i> (Cat. no. 1220.1). Like the First Edition of this classification, <i>Australian Standard Classification of Occupation (ASCO)—Statistical Classification (First Edition), 1986</i> (Cat. no. 1222.0), the Second Edition is a skills-based classification of occupation. However, a new hierarchical level, the Sub-Major Group, has been added to the previous Major Group, Minor Group, Unit Group and Occupation levels. Survey data are coded to the Unit Group level, as was the practice under ASCO First Edition.
SURVEY SAMPLE SIZE	30 Until May 1993, this survey was run on a full sample of the approximately 30,000 dwellings selected in the Labour Force Survey. The May 1994 supplementary survey was reduced to a three-quarters sample and the May 1995 survey to a five-eighths sample. In May 1996 and 1997 the sample was again three-quarters of the Labour Force Survey. In May 1998 and May 1999 the sample has been at seven-eighths. As a result the standard errors for this supplementary survey may differ from those used in surveys of the same topic run in other years.
ESTIMATION PROCEDURE	<p>31 The estimates are derived from the population survey by use of a ratio estimation procedure which ensures that the estimates conform to an independently estimated distribution of the population for each capital city and remainder of State by age, sex and labour force status, rather than to the corresponding distribution within the sample itself.</p> <p>32 Estimates in this publication are subject to sampling and non-sampling error. For more information refer to the Technical Notes.</p>
ACKNOWLEDGMENTS	33 ABS publications draw extensively on information provided freely by individuals, businesses, governments and other organisations. Their continued cooperation is very much appreciated: without it, the wide range of statistics published by the ABS would not be available. Information received by the ABS is treated in strict confidence as required by the <i>Census and Statistics Act 1905</i> .
RESULTS OF THE SURVEY	34 Due to differences in the method of estimation used in this supplementary survey and that used in the Labour Force Survey, there are some small variations between estimates in this publication and those in the corresponding issue of <i>Labour Force, Australia</i> (Cat. no. 6203.0).

RESULTS OF THE SURVEY
continued

35 The estimates in this publication refer to information collected in the survey month and, due to seasonal factors, may not be representative of other months of the year.

36 Results of similar surveys, conducted annually from February 1964 to February 1974, in May 1975 and 1976, in August 1977 and 1978 and annually since May 1979 have been given in previous issues of this publication. Information on apprentices was collected for the first time in May 1983.

37 This survey will be conducted again in May 2000.

UNPUBLISHED DATA

38 As well as the statistics included in this publication, the ABS may have other relevant unpublished data available. Inquiries should be made to Leo Stinson on Canberra 02 6252 7793 or facsimile 02 6252 8013 or e-mail leo.stinson@abs.gov.au.

RELATED PUBLICATIONS

39 Other ABS publications which may be of interest include:

A Directory of Education and Training Statistics (Cat. no. 1136.0) — issued irregularly, latest issue October 1997, released in November 1997

Education and Training Experience (Cat. no. 6278.0) — issued irregularly, latest issue 1997, released in November 1998

Education and Training in Australia (Cat. no. 4224.0) — issued irregularly, latest issue released in February 1999

Labour Force, Australia (Cat. no. 6203.0) — issued monthly

Participation in Education, Australia (Cat. no. 6272.0) — issued annually, latest issue September 1998

Schools, Australia (Cat. no. 4221.0) — issued annually, latest issue 1998

40 Current publications and products produced by the ABS are listed in the *Catalogue of Publications and Products* (Cat. no. 1101.0). The ABS also issues, on Tuesdays and Fridays, a *Release Advice* (Cat. no. 1105.0) which lists publications to be released in the next few days. The Catalogue and Release Advice are available from any ABS office and also on the ABS website <http://www.abs.gov.au>.

TECHNICAL NOTES

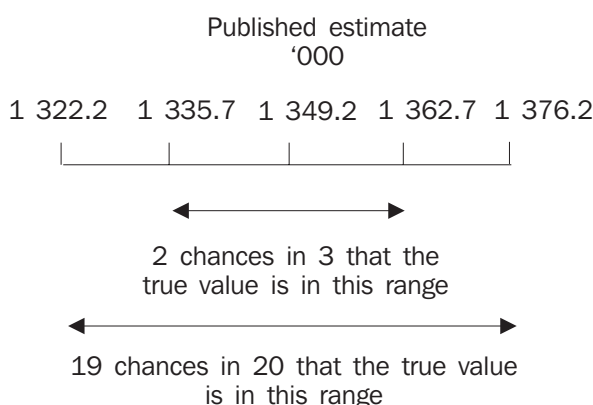
ESTIMATION PROCEDURE

Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings, they are subject to sampling variability, that is, they may differ from those that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the standard error (SE), which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one SE from the number that would have been obtained if all dwellings had been included, and about 19 chances in 20 that the difference will be less than two SEs. Another measure of the likely difference is the relative standard error (RSE), which is obtained by expressing the SE as a percentage of the estimate.

Space does not allow for the separate indication of the SEs of all estimates in this publication. SEs for general application are given in the following table. Since they are averages based on calculations for a limited number of past surveys over a wide range of labour force characteristics these numbers will not give a precise measure of the SE of a particular estimate but they will provide an indication of its magnitude.

CALCULATION OF STANDARD ERRORS

An example of the calculation and the use of SEs in relation to estimates of persons is as follows. Table 6 shows the estimated number of persons aged 15–64 who were attending an educational institution full-time in May 1999 was 1,349,200. Since this estimate is between 1,000,000 and 2,000,000 in the SE table, the SE for Australia will be between 12,150 and 16,050 and can be approximated by interpolation as 13,500 (rounded to the nearest 100). Therefore, there are about two chances in three that the value that would have been produced if all dwellings had been included in the survey will fall within the range 1,335,700 to 1,362,700 and about 19 chances in 20 that the value will fall within the range 1,322,200 to 1,376,200. This example is illustrated in the diagram below.



CALCULATION OF STANDARD
ERRORS *continued*

As can be seen from the SE table at the end of this chapter, the smaller the estimate the higher the RSE. Very small estimates are thus subject to such high SEs (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this publication, only estimates with RSEs of less than 25% and percentages based on such estimates are considered sufficiently reliable for most purposes. Estimates and percentages with RSEs between 25% and 50% are preceded by an asterisk (e.g. *3.4) to indicate they are subject to high SEs and should be used with caution. Estimates with RSEs of 50% or more are considered too unreliable for general use and should only be used to aggregate with other estimates to provide derived estimates with RSEs of less than 25%. They are preceded by a double asterisk (e.g. **0.3).

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

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

Considering the example above, of the 1,349,200 persons aged 15–64 who were attending an educational institution full-time in May 1999, 711,900 or 52.8% were not in the labour force. The SE of 711,900 is approximately 10,500 so the RSE is 1.5%. The RSE for 1,349,200 is 1.0%. Applying the above formula, the RSE of the proportion is 1.1% giving a SE for the proportion (52.8%) of 0.6 percentage points. Therefore, there are about two chances in three that the proportion of persons aged 15–64 who were not in the labour force and were attending an educational institution full-time in May 1999 is between 52.2% and 53.4% and 19 chances in 20 the proportion is within the range 51.6% to 54.0%.

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

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

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

CALCULATION OF STANDARD
ERRORS *continued*

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

STANDARD ERRORS FOR MAY 1999 SURVEY ESTIMATES

Size of estimate	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.	Proportion of estimate
	no.	no.	no.	no.	no.	no.	no.	no.	no.	%
100	100	110	190	170	160	110	120	140	80	80.0
200	170	180	270	220	230	150	160	170	140	70.0
300	230	240	330	270	280	180	180	190	200	66.7
500	340	340	420	330	350	220	230	230	290	58.0
700	430	420	490	380	410	250	260	250	370	52.9
1 000	550	530	580	440	480	290	300	280	470	47.0
1 500	720	670	690	520	570	340	350	330	610	40.7
2 000	860	790	790	590	650	380	390	360	730	36.5
2 500	1 000	900	850	650	700	400	450	400	850	34.0
3 000	1 100	1 000	950	700	750	450	450	400	950	31.7
3 500	1 200	1 050	1 000	750	800	500	500	450	1 050	30.0
4 000	1 300	1 150	1 100	800	850	500	500	450	1 100	27.5
5 000	1 450	1 250	1 200	850	950	550	550	500	1 250	25.0
7 000	1 700	1 500	1 400	1 000	1 100	650	650	600	1 550	22.1
10 000	2 050	1 750	1 600	1 150	1 250	700	750	650	1 850	18.5
15 000	2 450	2 100	1 900	1 350	1 500	850	850	800	2 250	15.0
20 000	2 800	2 350	2 200	1 500	1 650	950	950	900	2 600	13.0
30 000	3 300	2 750	2 600	1 800	1 950	1 100	1 100	1 050	3 150	10.5
40 000	3 650	3 100	2 900	2 000	2 200	1 250	1 200	1 150	3 550	8.9
50 000	3 950	3 300	3 200	2 200	2 350	1 350	1 300	1 300	3 900	7.8
100 000	4 950	4 200	4 250	2 900	3 050	1 750	1 700	1 750	5 100	5.1
150 000	5 600	4 850	5 050	3 400	3 500	2 000	1 950	2 100	5 900	3.9
200 000	6 150	5 450	5 650	3 800	3 900	2 250	2 150	2 400	6 550	3.3
300 000	7 200	6 450	6 650	4 450	4 450	2 600	..	2 850	7 650	2.6
500 000	8 900	8 100	8 150	5 450	5 300	3 100	..	..	9 300	1.9
1 000 000	12 450	11 350	10 700	7 150	6 600	..	..	..	12 150	1.2
2 000 000	18 300	16 450	13 950	9 350	8 150	..	..	..	16 050	0.8
5 000 000	32 850	28 350	19 650	..	..	..	..	..	24 600	0.5
10 000 000	..	..	..	..	..	..	..	..	43 150	0.4
25% cutoff	6 789	5 192	4 582	2 647	3 153	1 270	1 346	1 219	5 149	..
50% cutoff	1 327	1 132	1 300	808	923	391	424	429	806	..

GLOSSARY

Apprentices	An apprentice is a person who has entered into a legal contract (called an indenture or contract of training) with an employer, to serve a period of training for the purpose of attaining tradesperson status in a recognised trade. In this survey apprentices are identified either by their occupation description or by their answering 'yes' to a question 'whether an apprentice or not'.
Associate diploma	<p>The entry requirement is usually the completion of Year 12 or the completion of Year 10 and a prerequisite certificate course. The duration of study ranges from one to two years full-time study or its equivalent. Courses provide individuals with the knowledge and skill necessary to give support to professionals, and for positions in advanced trade, technical or associate professional occupations.</p> <p>Advanced Certificates, Technicians Certificates and Certificates of Technology are included in this level as they have broadly the same theoretical orientation as an associate diploma.</p>
Attending/attended an educational institution	Refers to persons enrolled for a course of study in the survey month (or persons who attended any time during the previous calendar year) at an educational institution (as defined).
ABS Classification of Qualifications (ABSCQ)	The classification of recognised educational qualifications intended for use across all relevant ABS data collections. See paragraph 10 of the Explanatory Notes.
Bachelor degree	The entry requirement is the satisfactory completion of Year 12 or its equivalent. The duration of study ranges from three to six years full-time study or its equivalent. Courses are designed to provide students with a systematic and coherent introduction to a broad body of knowledge. The emphasis is on the underlying principles and concepts of that body of knowledge. Examples are Bachelor of Arts in English, Bachelor of Education, Bachelor of Science in Maths or Statistics, etc.
Basic vocational qualification	Often requires Year 10 completion, however many courses have no formal entry requirements. The duration of study ranges from one semester to one year of full-time study or equivalent. Courses provide individuals with the practical skills and background knowledge necessary for employment at the operative level in many different fields. Examples are a Pre-apprenticeship in Plumbing, Certificate in Shorthand and Keyboarding or Earthmoving Plant Operation and Pre-vocational Certificate in Automotive Mechanics.
Business college	Includes private business colleges or establishments that offer training or educational courses in Secretarial Studies, Business Management, Marketing, etc.

Educational attainment Measures the highest post-school educational qualification attained by the respondent, with qualifications classified according to the ABSCQ. For the purposes of the ABSCQ, level of (educational) attainment is the recognition by an accredited authority, that a person possesses knowledge and practical ability of a certain quality and quantity. The seven categories for level of attainment are: higher degree, postgraduate diploma, bachelor degree, undergraduate diploma, associate diploma, skilled vocational qualifications and basic vocational qualifications.

Note: Persons who report attaining a qualification which is not recognised are not considered to have attained a post-school qualification.

Educational institution Any institution whose primary role is education. Included are schools, higher education establishments, colleges of technical and further education, public and private colleges, etc. Excluded are institutions whose primary role is not education, for example, hospitals.

Employed Persons aged 15–64 who, during the reference week:

- worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (comprising employees, employers and self-employed persons); or
- worked for one hour or more without pay in a family business or on a farm (i.e. unpaid family helpers); or
- were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the reference week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the reference week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or
- were employers or self-employed persons; or
- were unpaid family helpers who had a job, business or farm, but were not at work.

Field of trade Refers to the Australian Standard Classification of Occupations (Second Edition) Unit Group in which apprentices are employed, e.g. 28,300 apprentices were reported in the building trade.

Full-time attendance Is the perception by the respondent that they consider themselves to be attending full-time.

Higher degree	Comprises primarily a Masters degree or Doctorate. The usual minimum entry requirement for the former is completion of an honours degree, and the latter, completion of a Masters degree or a first class honours degree. Study is a minimum of two years full-time for a Masters degree and two to four years for a Doctorate. This level of qualification is designed to recognise significant contributions to original research or the application of knowledge within a given field of study.
Higher education institutions	Includes all Australian institutions providing higher education courses, e.g. Universities; Colleges of Advanced Education; Institutes of Advanced Education; Institutes of Higher Education; Institutes of Tertiary Education; Agricultural Colleges and some Institutes of Technology.
Highest level of secondary school available	The highest level of secondary school available to the respondent, as determined by the respondent, at the time he or she left school (i.e. Year 12 or equivalent).
Industry skills centre	Consists of vocation-oriented training centres for specific industries which provide accredited courses, e.g. automotive skills centres and retail skills centres.
Leavers (from full-time education)	Persons who were full-time students at any time in the previous calendar year, but were not full-time students at the time of the survey.
Level of course	Is the ABSCQ level which describes the broad qualification category that a respondent's study will lead to.
Main field of study	Respondents with a recognised post-school educational qualification (as defined in the ABSCQ) indicated the main field of study for their highest and/or most recent qualification.
Not in the labour force	Persons who were not in the categories 'employed' or 'unemployed' as defined.
Other educational institution	Includes institutions or establishments that offer educational courses that lead to qualifications such as hairdressing, etc., and instances where insufficient information was available to determine the type of educational institution.
Participation rate	In this survey, refers to labour force participation rate which is an estimate of the labour force in any group expressed as a percentage of the civilian population aged 15–64 in the same group. For a more detailed explanation see <i>Labour Force, Australia</i> (Cat. no. 6203.0).
Part-time attendance	Is the perception by the respondent that they consider themselves to be attending part-time.

Postgraduate diploma	The entry requirement is usually the successful completion of a bachelor degree or an undergraduate diploma. The duration of study ranges from six months (for a Graduate Certificate) to one year full-time study or equivalent. Courses usually build on undergraduate studies, and are designed to broaden or develop professional knowledge and skills in a related or new area of study. Examples are a Graduate Diploma in Chemistry or Clinical Pathology, a Diploma of Education in Special Education and a Graduate Certificate in Business.
Recognised (post-school) educational qualification/ recognised study	A level of educational attainment or course attendance, undertaken since leaving school and recognised as one of the seven levels of qualification under the ABSCQ. See paragraph 10 of the Explanatory Notes.
Relationship in household	For an explanation of this term and its associated categories see <i>Labour Force, Australia</i> (Cat. no. 6203.0).
Skilled vocational qualification	The entry requirement is usually the completion of Year 10 or its equivalent. In addition, some courses may require a student to be concurrently employed in that specific field. The duration of study is two to four years, and typically involves some on-the-job training. Courses provide individuals with the knowledge and skills necessary to work in a specific vocation or a recognised trade or craft, that requires a high degree of skill in a range of related activities. Examples are a Trade Certificate in Vehicle Building or Carpentry, an Apprenticeship in Electrical Fitting and a Certificate in Landscape Design.
TAFE	A Technical and Further Education institution. In Victoria this may also be interpreted as Training and Further Education.
Tertiary institution	Any educational institution offering post-school courses.
Type of study	Refers to three different levels of study identified as a result of the implementation of the ABSCQ to classify type of course attending. These are: study leading to recognised educational qualifications (by persons satisfying the criteria of the ABSCQ); study leading to a non-recognised educational qualification; and study that would not result in a qualification.
Undergraduate diploma	<p>The entry requirement is usually the successful completion of Year 12 or its equivalent. The duration of study is three years full-time study or its equivalent. Courses are designed to provide individuals with the knowledge and skills necessary for practice in a professional or associate professional occupation. Examples are a Diploma of Applied Science in Nursing or Air Traffic Service, Diploma of Applied Arts in Graphic Design and Diploma of Teaching.</p> <p>Certain other qualifications are classified to this level on the basis that their entry requirements, duration of study and theoretical orientation are regarded as being equivalent to those of undergraduate diplomas, for example, Certificate in Psychiatric Nursing.</p>

Unemployed	<p>Persons aged 15–64 who were not employed during the reference week, and:</p> <ul style="list-style-type: none"> ■ 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 ■ were available for work in the reference week, or would have been available except for temporary illness (i.e. lasting less than four weeks to the end of the reference week). Detailed definitions of labour force classifications appearing in this publication are given in <i>Labour Force, Australia</i> (Cat. no. 6203.0); or ■ 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 ■ 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.
Unemployment rate	An estimate of unemployed persons in any group expressed as a percentage of the labour force in the same group.
Unmet educational demand	Persons who applied to enrol for a course of study in an educational institution and who were unable to gain placement. Excludes persons who were studying at the time of the survey.

DATA ITEMS FROM THIS SURVEY

UNPUBLISHED DATA

The ABS offers a range of unpublished data from this survey upon request. Data requests are available on electronic and hardcopy media. Data can be provided in electronic format as an ASCII comma delimited text or Excel spreadsheet format. When ordering tables from this survey, please ensure you identify the population(s) and the variable(s) which you require from the lists which follow.

Inquiries should be made to the contact officer at the front of this publication or any ABS State office.

The population(s) for a particular variable refers to the persons in the survey to whom the variable relates.

POPULATIONS

- 1 Persons aged 15–64 including boarding school pupils (BSP) but excluding institutionalised persons or persons permanently unable to work (PUW)
- 2 Persons aged 15–64 who attended an educational institution in 1998
- 3 Persons aged 15–64 who attended school in 1998
- 4 Persons aged 15–64 who attended a tertiary institution in 1998
- 5 Leavers from full-time education (aged 15–64) at May 1999
- 6 Persons aged 15–64 attending an educational institution in May 1999
- 7 Persons aged 15–64 attending a tertiary institution in May 1999
- 8 Persons aged 15–64 who have a recognised post-school qualification
- 9 Persons aged 15–24 who attended school in 1998 but were not attending school in May 1999
- 10 Employed persons aged 15–64 who were apprentices in May 1999
- 11 Persons aged 15–64 whose course of study in 1998 was not for the attainment of a recognised educational qualification
- 12 Persons aged 15–64 whose course of study in May 1999 was not for the attainment of a recognised educational qualification
- 13 Persons aged 15–64 who were attending an educational institution in 1998 but who were not attending an educational institution in May 1999
- 14 Employed persons aged 15–64
- 15 Unemployed persons aged 15–64

<i>Variable</i>	<i>Characteristics</i>	<i>Populations</i>
1 State of usual residence	New South Wales Victoria Queensland South Australia Western Australia Tasmania Northern Territory Australian Capital Territory	All
2 Area of usual residence	Capital city Balance of State	All
3 Dissemination region	Standard labour force dissemination regions	All
4 Sex	Males Females	All
5 Marital status	Married Not married	All
6A Relationship in household (1)	Member of a family Husband or wife With dependants Without dependants Lone parent With dependants Without dependants Dependent student Non-dependent child Other family person Non-family member Lone person Not living alone Relationship in household not determined	All
6B Relationship in household (2)	Member of a family Husband or wife With children under 15 Without children under 15 Lone parent With children under 15 With dependent students but without children under 15 Without dependants Dependent student Non-dependent child Other family person Non-family member Lone person Not living alone Relationship in household not determined	All

<i>Variable</i>	<i>Characteristics</i>	<i>Populations</i>
7 Birthplace	Born in Australia Born outside Australia Born in main English-speaking countries(a) Born in other countries Not asked (boarding school pupils) Total(b)	All
	(a) Comprises United Kingdom, Ireland, Canada, South Africa, United States of America and New Zealand. (b) Includes persons born at sea.	
	<i>Note:</i> More detailed groupings by country are available.	
8 Period of arrival	Born in Australia Born outside Australia Arrived before 1961 Arrived 1961–1970 Arrived 1971–1980 Arrived 1981–1990 Arrived 1991–1999 Not asked (boarding school pupils)	All
9 Age	15–19 years 20–24 years 25–34 years 35–44 years 45–54 years 55–59 years 60–64 years	1–8,11–15
	<i>Note:</i> Individual age units or groups are available.	
10 Labour force status	Labour force Employed Full-time workers Part-time workers Unemployed Looking for full-time work Looking for part-time work Not in labour force Unemployment rate Participation rate	1–9,11–13

<i>Variable</i>	<i>Characteristics</i>	<i>Populations</i>
11 Occupation (ASCO)	Managers and administrators Professionals Associate professionals Tradespersons and related workers Advanced clerical and service workers Intermediate clerical, sales and service workers Intermediate production and transport workers Elementary clerical, sales and service workers Labourers and related workers <i>Note:</i> More detailed (ASCO) occupation groupings at 4-digit level are also available.	14
12 Occupation of last full-time job	Last full-time job less than 2 years ago Managers and administrators Professionals Associate professionals Tradespersons and related workers Advanced clerical and service workers Intermediate clerical, sales and service workers Intermediate production and transport workers Elementary clerical, sales and service workers Labourers and related workers Last full-time job 2 years or more ago Had never had a full-time job <i>Note:</i> More detailed (ASCO) occupation groupings at 4-digit level are also available.	15
13 Industry (ANZSIC)	Agriculture, forestry and fishing Mining Manufacturing Electricity, gas and water supply Construction Wholesale trade Retail trade Accommodation, cafes and restaurants Transport and storage Communication services Finance and insurance Property and business services Government administration and defence Education Health and community services Cultural and recreational services Personal and other services <i>Note:</i> More detailed (ANZSIC) industry groupings are available.	14

<i>Variable</i>	<i>Characteristics</i>	<i>Populations</i>
14 Industry of last full-time job	Last full-time job less than 2 years ago Agriculture, forestry and fishing Mining Manufacturing Electricity, gas and water supply Construction Wholesale trade Retail trade Accommodation, cafes and restaurants Transport and storage Communication services Finance and insurance Property and business services Government administration and defence Education Health and community services Cultural and recreational services Personal and other services Last full-time job 2 years or more ago Had never had a full-time job	15
15 Duration of unemployment	Under 2 weeks 2 and under 4 weeks 4 and under 8 weeks 8 and under 13 weeks 13 and under 26 weeks 26 and under 39 weeks 39 and under 52 weeks 52 and under 65 weeks 65 and under 78 weeks 78 and under 91 weeks 91 and under 104 weeks 104 weeks and over	15

<i>Variable</i>	<i>Characteristics</i>	<i>Populations</i>
16 Whether attended an educational institution, type of institution and type of attendance in 1998	Attended in 1998 School Full-time Part-time Tertiary Full-time Part-time Higher Education Full-time Part-time TAFE Full-time Part-time Business College Full-time Part-time Industry Skills Centre Full-time Part-time Other Full-time Part-time Total Full-time Part-time Did not attend in 1998	1
17 Whether attended an educational institution for a recognised qualification, type of institution and type of attendance in 1998	Categories are the same as for Variable 16 (above)	1
18 Whether attended an educational institution and level of course in 1998	Attended recognised study in 1998 Higher degree Postgraduate diploma Bachelor degree Undergraduate diploma Associate diploma Skilled vocational course Basic vocational course Secondary school course Attended non-recognised study in 1998 Level not stated/uncodeable Study not for qualification Did not attend in 1998	1,6–8,12

<i>Variable</i>	<i>Characteristics</i>	<i>Populations</i>
19 Status of course of study undertaken in 1998	Completed qualification studied for in 1998 Identified as highest qualification obtained Identified as not highest qualification obtained Had not completed qualification by May 1999(a) Attending a tertiary institution in May 1999 Not attending in May 1999 (a) May include some persons at school in May 1999.	4,11
20 Whether attended an educational institution and type of attendance in 1998, whether attending full-time education in May 1999 and labour force status	Attended an educational institution in 1998 Attended full-time in 1998 Attending full-time education in May 1999 Leavers Employed Full-time workers Part-time workers Unemployed Not in the labour force Attended part-time in 1998 Attending an educational institution in May 1999 Full-time Part-time or attendance unknown Not attending an educational institution in May 1999 Did not attend an educational institution in 1998	1,6–8,12
21 Whether attending an educational institution, type of institution and type of attendance in May 1999	Attending in May 1999 School Full-time Part-time Tertiary Full-time Part-time Higher Education Full-time Part-time TAFE Full-time Part-time Business College Full-time Part-time Industry Skills Centre Full-time Part-time Other Full-time Part-time Not attending in May 1999	1

<i>Variable</i>	<i>Characteristics</i>	<i>Populations</i>
22 Whether attending an educational institution for a recognised qualification, type of institution and type of attendance in May 1999	Categories are the same as for Variable 21 (above).	1
23 Whether attending an educational institution and level of course in May 1999	Attending recognised study in May 1999 Higher degree Postgraduate diploma Bachelor degree Undergraduate diploma Associate diploma Skilled vocational course Basic vocational course Secondary school course Attending non-recognised study in May 1999 Level not stated/uncodeable Study not for qualification Not attending in May 1999	1–4, 8,11
24 Type of school attending in May 1999	Government Non-government Catholic Other Not asked (boarding school pupils)	1–2
25 When commenced apprenticeship	In last twelve months Prior to last twelve months	10
26 Industry sector	Public Private	10
27 Field of trade	Mechanical engineering Fabrication engineering Electrical and electronics Construction Printing Automotive Food Skilled agricultural and horticultural Hairdressing Other	10

<i>Variable</i>	<i>Characteristics</i>	<i>Populations</i>
28 Whether applied to enrol in an educational institution in 1999 for a recognised qualification and type of institution — Unmet demand	<p>Applied to enrol in a course of study in 1999</p> <p>Studying in May 1999</p> <p>Gained placement but deferred study</p> <p>Study would lead to an educational qualification</p> <p>At higher education</p> <p>At TAFE</p> <p>At other educational institution</p> <p>Study would not lead to an educational qualification</p> <p>At higher education</p> <p>At TAFE</p> <p>At other educational institution</p> <p>Unable to gain placement on application</p> <p>Study would lead to an educational qualification</p> <p>At higher education</p> <p>At TAFE</p> <p>At other educational institution</p> <p>Study would not lead to an educational qualification</p> <p>At higher education</p> <p>At TAFE</p> <p>At other educational institution</p> <p>Did not apply to enrol in a course of study in 1999</p>	1
29 Whether applied to enrol in an educational institution in 1999 for any study and type of institution — Unmet demand	Categories are the same as for Variable 28 (above).	1
30 Age at time of leaving full-time education	<p>Attending full-time in May 1999</p> <p>Not attending full-time in May 1999</p> <p>Left at age –</p> <p>14 or less</p> <p>15–19</p> <p>15</p> <p>16</p> <p>17</p> <p>18</p> <p>19</p> <p>20–24</p> <p>20</p> <p>21</p> <p>22</p> <p>23</p> <p>24</p> <p>Never attended an educational institution full-time</p>	Age = 15–24

<i>Variable</i>	<i>Characteristics</i>	<i>Populations</i>
31 Year last attended an educational institution full-time	Not attending full-time in May 1999 Year last attended full-time Before 1989 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 or later Never attended an educational institution full-time Attending full-time in May 1999	Age = 15–24
32 Time of leaving full-time education	January–May 1998 June 1998 July 1998 August–October 1998 November 1998 December 1998 January–May 1999	5
33 Main reason left full-time tertiary education	Completed course of study Changed to part-time study(a) Employment or financial reasons Family responsibilities/illness/injury/personal reasons Deferred course/lost interest/failed course Course unavailable Other reasons (a) May include some persons who have returned to school part-time	5
34 Type of school last attended	Government Non-government Catholic Other Not asked (still at school)	Age = 15–24

<i>Variable</i>	<i>Characteristics</i>	<i>Populations</i>
35 Educational attainment	<p>With post-school qualifications</p> <p>Higher degree</p> <p>Postgraduate diploma</p> <p>Bachelor degree</p> <p>Undergraduate diploma</p> <p>Associate diploma</p> <p>Skilled vocational course</p> <p>Basic vocational course</p> <p>Without post-school qualifications</p> <p>Completed highest level of secondary school</p> <p>Attending a tertiary institution in May 1999</p> <p>Not attending a tertiary institution in May 1999</p> <p>Did not complete the highest level of secondary school</p> <p>Attending a tertiary institution in May 1999</p> <p>Not attending a tertiary institution in May 1999</p> <p>Never attended school</p> <p>Still at school</p>	1–7,9–13
36 Main field of study	<p>Business and administration</p> <p>Management</p> <p>Management support services</p> <p>Sales and marketing</p> <p>Financial services</p> <p>Not stated</p> <p>Health</p> <p>Medicine</p> <p>Nursing</p> <p>Health science</p> <p>Dental studies</p> <p>Veterinary studies</p> <p>Other health</p> <p>Not stated</p> <p>Education</p> <p>School teacher training</p> <p>Post-school teacher training</p> <p>Other education</p> <p>Not stated</p> <p>Society and culture</p> <p>Behavioural studies</p> <p>Welfare</p> <p>Librarianship</p> <p>Language and area studies</p> <p>Religion and philosophy</p> <p>Economics</p> <p>Law</p> <p>Visual and performing arts</p> <p>Other society and culture</p> <p>Not stated</p>	8

<i>Variable</i>	<i>Characteristics</i>	<i>Populations</i>
36 Main field of study <i>continued</i>	Natural and physical sciences Life science Physical science Mathematics and statistics Computer science Other natural and physical sciences n.e.c. Not stated Engineering Surveying and cartography Civil engineering Electrical and electronic engineering Mechanical engineering Metallurgical and mining engineering Printing Automotive engineering Textiles, clothing and footwear Other engineering Not stated Architecture and building Building design and construction Other architecture and building Not stated Agriculture and related fields Agriculture Horticulture Other agriculture and related fields Not stated Miscellaneous fields Hairdressing and beauty therapy Food and hospitality services Transport Other miscellaneous fields Not stated/uncodeable/inadequately described	
37 Year completed highest post-school qualification	Before 1980 1981–1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	8

<i>Variable</i>	<i>Characteristics</i>	<i>Populations</i>
38 Number of post-school qualifications obtained	One post-school qualification completed Two post-school qualifications completed More than two post-school qualifications completed	8
39 Highest year of secondary school completed	Year 12 Year 11 Year 10 Other/don't know	Age = 15–24
40 Whether attended any training courses in 1998	Attended training course/s in 1998 Did not attend any training courses in 1998 Not asked(a) (a) Persons 15–20 still at school	All
41 Most recent post-school qualification	With post-school qualifications Higher degree Postgraduate diploma Bachelor degree Undergraduate diploma Associate diploma Skilled vocational course Basic vocational course Without post-school qualifications	1–7,9–13
42 Main field of study of most recent qualification	Categories are the same as for Variable 36 (Main field of study)	8
43 Broad level field of study — previous year's study	Business administration Health Education Society and culture Natural and physical sciences Engineering Architecture and building Agriculture and related fields Miscellaneous fields Not stated/uncodeable/out of scope Not studying 1998	1
44 Broad level field of study — current year's study	Categories are the same as for Variable 43 (above).	1

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2622700005994
ISSN 0729-2902

RRP \$19.50