



# **EDUCATION AND WORK**

AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) FRI 22 MAR 2002

## **C O N T E N T S**

	<i>page</i>
Notes . . . . .	2
Main features . . . . .	3

### **TABLES**

List of tables . . . . .	5
Participation . . . . .	7
Attainment . . . . .	16
Transition . . . . .	25
Unmet demand . . . . .	34
Apprentices . . . . .	36

### **ADDITIONAL INFORMATION**

Explanatory notes . . . . .	37
Appendix 1: Populations and data items list . . . . .	42
Appendix 2: Supplementary surveys . . . . .	49
Appendix 3: ABSCQ—ASCED level correspondence table . . . . .	50
Technical note: Data quality . . . . .	51
Glossary . . . . .	54

- For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070 or James Ashburner on Canberra 02 6252 7934.

# NOTES

## ABOUT THIS PUBLICATION

This publication presents information about the educational attainment and recent participation in education of persons aged 15 to 64 years, especially in relation to their labour force status.

Statistics in this publication were collected in May 2001 as a supplement to the Australian Bureau of Statistics monthly Labour Force Survey.

Information collected in the survey includes participation in education in previous year, and in survey month; labour force characteristics; type of educational institution; level of education of current and previous study; educational attainment; unmet demand for education in current year; and characteristics of apprentices.

Previously this publication was titled *Transition from Education to Work, Australia* (Cat. no. 6227.0).

## CLASSIFICATION OF EDUCATION

*The Australian Standard Classification of Education (ASCED)* (Cat. no. 1272.0) was introduced into ABS collections in 2001. It replaces a number of education classifications used prior to 2001 for data from the various sectors of the Australian education system, including the Australian Bureau of Statistics Classification of Qualifications (ABSCQ). ASCED comprises two classifications: Level of Education and Field of Education. For further details, see the Explanatory Notes section.

## ROUNDING

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



## ABBREVIATIONS

ABS	Australian Bureau of Statistics
ABSCQ	Australian Bureau of Statistics Classification of Qualifications
ANZSIC	Australian and New Zealand Standard Industrial Classification
ASCED	Australian Standard Classification of Education
ASCO	Australian Standard Classification of Occupations
CAC	computer assisted coding
HSC	Higher School Certificate
n.e.c.	not elsewhere classified
n.f.d.	not further defined
RSE	relative standard error
SE	standard error
SEW	Survey of Education and Work
TAFE	Technical and Further Education
VCE	Victorian Certificate of Education

Dennis Trewin  
Australian Statistician

## MAIN FEATURES

### ATTENDANCE

In May 2001 there were 2,311,100 persons aged 15 to 64 years enrolled in a course of study, representing 18% of all persons in this age range. Of all persons aged 15 to 64 years, 17% (2,189,800) were enrolled in a course of study leading to a qualification, while 121,300 were enrolled in courses not leading to a qualification.

Of those persons enrolled in a course of study, 841,800 (36%) were attending a Higher education institution, 700,800 (30%) were at school, 536,700 (23%) were at Technical and Further Education institutions (TAFE) and 231,800 (10%) were at other educational institutions.

The number of females enrolled in a course of study (1,187,400) was marginally higher than the number of males (1,123,700).

Of those persons enrolled in a course of study in May 2001, 45% were aged 15 to 19 years, and 62% attending study full-time.

Of the 2,189,800 persons enrolled for a qualification, more than one in four (27%) were studying for a Bachelor degree. Of this group, 45% were aged between 20 and 24 years, while a further 27% were aged between 15 and 19 years.

Other than Mixed field programmes, which includes persons studying for Year 12 or below, the most commonly reported main field of education of current study for persons enrolled for a qualification was Management and commerce (16%), followed by Society and culture (12%).

### EDUCATIONAL ATTAINMENT

Almost one-third (31%) of the 12,788,300 persons aged 15 to 64 years reported their highest level of education as being Year 10 and below. The highest level of education of a further 20% was Year 12, 14% had a Certificate III or IV, and 12% had a Bachelor degree.

Just under one-third (32%) of all persons with a Bachelor degree or higher were aged 25 to 34 years, while just over one-quarter (26%) were aged between 35 and 44 years. One in five (20%) persons with a highest level of educational attainment of Year 12 and below were aged between 35 and 44 years.

Excluding those persons aged 15 to 64 years whose highest level of educational attainment was Year 12 and below, the most commonly reported main fields of education were Engineering and related technologies (9%), and Management and commerce (7%).

Persons whose highest level of educational attainment was a Bachelor degree or higher were more likely to be employed than those whose highest attainment was Year 12 and below (85% compared to 62%).

### STARTING A COURSE OF STUDY

In the 12 months to May 2001, there were 373,300 persons who started a course of study leading to a qualification. Of this group, 30% were aged between 25 and 34 years and a further 26% were aged 20 to 24 years. More than half (54%) of these starters were female, while two-thirds (67%) were employed. Most (63%) of these employed starters worked full-time.

## MAIN FEATURES *continued*

---

### LEAVING A COURSE OF STUDY

In the period January 2000 to May 2001, there were 871,400 persons who left a course of study leading to a qualification. Of this group, 23% were aged between 25 and 34 years and a further 23% were aged 20 to 24 years. Most (81%) of these leavers were employed in May 2001, and three-quarters (75%) of these employed leavers worked full-time. Just over half (52%) of all leavers were female.

### APPRENTICES

There were 135,400 apprentices in May 2001, a slight fall (2%) from the 138,200 reported in May 2000. The majority of these apprentices were in the Construction, and Wholesale and retail trade industries (30% and 23% respectively).

## LIST OF TABLES

*page*

### PARTICIPATION

- 1** Summary statistics of persons enrolled in a course of study . . . . . 7
- 2** Whether enrolled in a course of study, May 1993 to May 2001, by sex . . . . 8

### PERSONS ENROLLED FOR A QUALIFICATION

- 3** Level of education of current study, by age and sex . . . . . 9
- 4** Main field of education of current study, by age and sex . . . . . 10
- 5** Level and main field of education of current study, by sex . . . . . 12
- 6** Level of education of current study, by labour force status and sex . . . . . 14
- 7** Level of education of current study, by type of institution attending . . . . . 15

### ATTAINMENT

#### ALL PERSONS

- 8** Summary statistics of level of highest educational attainment . . . . . 16
- 9** Proportion of persons with a non-school qualification, May 1991 to May 2001 . . . . . 17
- 10** Level of highest educational attainment and main field of education, by age . . . . . 18
- 11** Level of highest educational attainment, by main field of education and sex . . . . . 19
- 12** Level of highest educational attainment, by labour force status and sex . . . . 21

#### EMPLOYED PERSONS

- 13** Level of highest educational attainment, by occupation and industry . . . . . 22

#### UNEMPLOYED PERSONS

- 14** Level of highest educational attainment, summary statistics . . . . . 23

#### PERSONS WITH A NON-SCHOOL QUALIFICATION

- 15** Level of highest non-school qualification, by highest year of school completed and sex . . . . . 24

### TRANSITION

- 16** Summary statistics of persons starting or leaving a course of study leading to a qualification, by state . . . . . 25
- 17** Enrolment status in 2000 and May 2001 of persons aged 15 to 19 years, by labour force status . . . . . 26
- 18** Enrolment status in 2000 and May 2001 of persons aged 20 to 24 years, by labour force status . . . . . 27
- 19** Characteristics of current study of persons who were starters, by age . . . . 28
- 20** Characteristics of previous study of persons who were leavers, by age . . . . 29
- 21** Transition from education to work of school leavers aged 15 to 24 years . . . . . 30
- 22** Year of school completed and level of education of current study of school leavers aged 15 to 24 years, by labour force status . . . . . 32

### UNMET DEMAND

- 23** Educational enrolment experience, by labour force status and age . . . . . 34

**LIST OF TABLES** *continued*

---

	<i>page</i>
APPRENTICES	
<b>24</b> Selected characteristics, May 1991 to May 2001 . . . . .	36

## PERSONS ENROLLED IN A COURSE OF STUDY, Summary statistics

	NSW	Vic.	Qld	SA	WA	Tas.	NT(a)	ACT	Aust.
	'000	'000	'000	'000	'000	'000	'000	'000	'000
<b>Sex</b>									
Males	397.3	292.1	188.3	79.5	107.4	26.5	7.6	24.9	1 123.7
Females	401.9	306.7	214.6	87.2	111.6	27.7	12.1	25.6	1 187.4
<b>Area of usual residence</b>									
Capital City	540.2	451.7	213.9	132.9	171.6	26.3	—	—	1 536.6
Balance of State/Territory	259.0	147.0	189.1	33.8	47.4	28.0	19.7	50.5	774.5
<b>Country of birth(b)</b>									
Born in Australia	589.3	463.5	328.9	142.9	157.4	50.0	16.3	41.8	1 790.0
Born overseas	201.5	135.3	65.7	22.1	61.6	*3.7	*3.4	8.6	501.9
<b>Age (years) at May 2001</b>									
15–19	358.3	275.7	184.1	75.5	98.5	25.4	7.8	19.7	1 044.9
20–24	171.9	132.6	75.0	27.3	43.2	8.2	*1.5	10.5	470.3
25–34	130.2	94.8	66.0	27.8	34.9	9.8	*3.3	8.4	375.1
35–44	77.8	53.8	49.0	20.7	24.4	6.3	*4.8	5.9	242.6
45–54	42.0	33.2	22.9	10.8	12.5	*3.5	*1.8	*4.5	131.2
55–64	19.0	8.6	6.1	*4.6	*5.5	*1.1	**0.6	*1.4	46.9
<b>Level of education of current study</b>									
Study leading to a qualification(c)									
Postgraduate degree	758.5	562.8	386.6	158.0	206.0	50.9	18.7	48.3	2 189.8
Graduate diploma or graduate certificate	39.5	26.1	20.5	*5.4	11.4	*1.9	*1.7	*3.6	110.0
Bachelor degree	22.7	26.6	11.1	*5.3	7.4	*1.4	*0.9	*2.2	77.6
Advanced diploma or diploma	186.9	165.9	119.2	36.4	63.9	10.6	*3.3	13.5	599.6
Certificate III or IV	80.8	50.4	34.5	14.3	20.4	*3.5	*2.6	6.4	212.9
Certificate I or II	73.3	49.6	35.1	18.0	21.7	8.0	*1.6	*2.5	209.8
Certificate not further defined	16.6	13.5	9.4	*5.2	*5.4	*1.6	**0.3	**0.3	52.3
Year 12	57.4	27.5	26.9	14.3	10.0	*2.7	*1.3	*3.1	143.3
Year 11	75.8	61.4	43.1	17.7	20.4	6.4	*1.9	*5.5	232.3
Year 10 or below	80.4	60.4	46.0	19.1	25.3	6.4	*2.7	*4.2	244.3
Level not determined	86.6	65.2	24.3	15.2	11.9	6.1	*1.4	*5.2	215.8
Study not leading to a qualification	30.0	16.3	7.9	*5.5	8.3	*1.8	*1.0	*1.9	72.7
<b>Type of educational institution attending</b>									
School	40.7	35.9	16.4	8.7	13.0	*3.4	*1.0	*2.1	121.3
TAFE	247.0	185.8	118.3	53.8	56.0	19.5	5.9	14.4	700.8
Higher education	199.5	117.4	90.1	45.2	58.4	14.2	*1.3	10.6	536.7
Other institution	266.2	239.9	154.5	50.1	85.2	15.0	10.7	20.0	841.8
<b>Type of attendance</b>									
Attending full-time	86.5	55.5	40.0	17.6	19.3	*5.6	*1.8	*5.4	231.8
Attending part-time	486.6	383.7	259.1	97.6	136.3	32.4	8.7	29.2	1 433.6
<b>Total(c)</b>	<b>312.7</b>	<b>215.0</b>	<b>143.9</b>	<b>69.2</b>	<b>82.6</b>	<b>21.9</b>	<b>11.0</b>	<b>21.2</b>	<b>877.5</b>
<b>Total(c)</b>	<b>799.3</b>	<b>598.7</b>	<b>403.0</b>	<b>166.7</b>	<b>219.0</b>	<b>54.3</b>	<b>19.7</b>	<b>50.5</b>	<b>2 311.1</b>

— nil or rounded to zero (including null cells)

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

(a) Refers to mainly urban areas. For further information see paragraph 5 of the Explanatory Notes.

(b) Excludes boarding school pupils.

(c) Includes boarding school pupils.

## ALL PERSONS, Whether enrolled in a course of study—May 1993 to May 2001

	1993	1995	1997	1999	2000	2001
	'000	'000	'000	'000	'000	'000
MALES						
Study leading to a qualification						
15–19	482.8	480.4	493.4	521.5	521.8	522.7
20–24	188.5	201.0	208.1	223.7	216.7	241.7
25–34	150.5	161.1	145.9	164.2	157.5	168.5
35–44	77.4	101.5	93.2	93.1	84.2	92.3
45–54	31.4	34.4	41.0	35.8	42.6	43.1
55–64	6.4	6.8	10.5	8.6	8.3	13.2
Total	936.9	985.2	992.2	1 046.9	1 031.0	1 081.4
Study not leading to a qualification	na	42.1	54.9	45.2	49.1	42.3
Total enrolled	na	1 027.3	1 047.0	1 092.1	1 080.1	1 123.7
Total not enrolled	na	4 929.0	5 060.1	5 153.8	5 255.6	5 283.6
<i>Total</i>	5 901.9	5 956.4	6 107.1	6 245.9	6 335.7	6 407.3
FEMALES						
Study leading to a qualification						
15–19	461.6	451.1	487.7	496.4	504.7	515.1
20–24	183.6	184.9	196.9	217.0	225.8	215.2
25–34	122.6	140.0	150.6	178.3	170.3	179.3
35–44	86.0	113.5	107.9	130.9	120.4	119.4
45–54	36.8	50.3	58.8	54.4	63.3	63.3
55–64	6.7	11.8	9.0	13.7	12.4	16.1
Total	897.2	951.6	1 010.9	1 090.8	1 096.9	1 108.4
Study not leading to a qualification	na	66.4	73.8	74.4	79.4	79.0
Total enrolled	na	1 018.0	1 084.7	1 165.1	1 176.3	1 187.4
Total not enrolled	na	4 899.7	4 995.2	5 071.6	5 140.7	5 193.7
<i>Total</i>	5 814.3	5 917.7	6 079.9	6 236.7	6 317.0	6 381.1
PERSONS						
Study leading to a qualification						
15–19	944.4	931.5	981.1	1 017.9	1 026.5	1 037.8
20–24	372.1	386.0	405.0	440.7	442.5	456.9
25–34	273.1	301.1	296.6	342.5	327.8	347.8
35–44	163.5	215.0	201.2	224.0	204.6	211.7
45–54	68.1	84.8	99.8	90.2	105.9	106.4
55–64	13.0	18.6	19.5	22.3	20.6	29.3
Total	1 834.2	1 936.9	2 003.0	2 137.6	2 127.9	2 189.8
Study not leading to a qualification	na	108.5	128.7	119.6	128.5	121.3
Total enrolled	na	2 045.3	2 131.8	2 257.2	2 256.4	2 311.1
Total not enrolled	na	9 828.7	10 055.3	10 225.4	10 396.4	10 477.2
<b>Total</b>	<b>11 716.2</b>	<b>11 874.1</b>	<b>12 187.0</b>	<b>12 482.6</b>	<b>12 652.7</b>	<b>12 788.3</b>

na not available



PERSONS ENROLLED FOR A QUALIFICATION, Level of education of current study by age

Level of education	AGE (YEARS) AT MAY 2001					Total
	15-19	20-24	25-34	35-44	45-64	
	'000	'000	'000	'000	'000	'000
MALES						
Postgraduate degree	**0.3	8.5	27.7	16.8	8.5	61.9
Graduate diploma or graduate certificate	—	*4.9	12.2	9.3	*4.6	31.1
Bachelor degree	66.9	132.4	53.1	17.5	9.3	279.2
Advanced diploma or diploma	18.0	23.8	28.0	16.3	10.9	96.9
Certificate III or IV	56.2	42.6	21.0	13.5	6.0	139.3
Certificate I or II	7.3	6.6	*3.2	*2.1	*2.7	21.8
Certificate not further defined	15.1	11.6	14.8	10.4	8.5	60.3
Year 12	113.8	*2.1	*1.7	**0.9	—	118.5
Year 11	113.9	**0.3	—	—	—	114.2
Year 10 or below	112.2	—	**0.2	—	—	112.4
Level not determined	9.2	9.0	6.6	*5.5	5.7	36.0
<b>Total(a)</b>	<b>522.7</b>	<b>241.7</b>	<b>168.5</b>	<b>92.3</b>	<b>56.3</b>	<b>1 081.4</b>
FEMALES						
Postgraduate degree	*1.4	*4.7	21.8	12.2	8.0	48.1
Graduate diploma or graduate certificate	*0.9	9.2	16.5	11.6	8.3	46.5
Bachelor degree	97.9	137.7	48.0	24.1	12.7	320.4
Advanced diploma or diploma	20.2	26.8	33.7	21.1	14.2	116.0
Certificate III or IV	15.9	10.7	17.7	16.9	9.3	70.5
Certificate I or II	6.8	7.4	7.5	6.2	*2.6	30.4
Certificate not further defined	14.1	11.4	23.8	19.6	14.1	83.0
Year 12	109.6	*1.8	*1.2	**0.3	*0.9	113.9
Year 11	130.2	—	—	—	—	130.2
Year 10 or below	102.6	—	**0.4	—	**0.4	103.4
Level not determined	6.2	*5.5	8.7	7.5	8.8	36.7
<b>Total(a)</b>	<b>515.1</b>	<b>215.2</b>	<b>179.3</b>	<b>119.4</b>	<b>79.4</b>	<b>1 108.4</b>
PERSONS						
Postgraduate degree	*1.7	13.2	49.5	29.0	16.5	110.0
Graduate diploma or graduate certificate	*0.9	14.1	28.7	20.9	12.9	77.6
Bachelor degree	164.8	270.0	101.1	41.7	22.0	599.6
Advanced diploma or diploma	38.2	50.6	61.7	37.4	25.1	212.9
Certificate III or IV	72.1	53.4	38.7	30.4	15.3	209.8
Certificate I or II	14.1	13.9	10.7	8.3	*5.3	52.3
Certificate not further defined	29.2	23.0	38.6	29.9	22.6	143.3
Year 12	223.4	*3.9	*3.0	*1.2	*0.9	232.3
Year 11	244.1	**0.3	—	—	—	244.3
Year 10 or below	214.8	—	**0.6	—	**0.4	215.8
Level not determined	15.4	14.5	15.3	13.0	14.5	72.7
<b>Total(a)</b>	<b>1 037.8</b>	<b>456.9</b>	<b>347.8</b>	<b>211.7</b>	<b>135.6</b>	<b>2 189.8</b>

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

— nil or rounded to zero (including null cells)

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

(a) Includes boarding school pupils.

## AGE (YEARS) AT MAY 2001

Main field of education	AGE (YEARS) AT MAY 2001					Total
	15-19	20-24	25-34	35-44	45-64	
	'000	'000	'000	'000	'000	'000
MALES						
Natural and physical sciences	7.8	11.6	7.6	*2.5	*1.7	31.1
Information technology	19.5	27.1	19.2	12.2	6.4	84.4
Engineering and related technologies	48.6	53.0	21.7	12.9	*5.0	141.3
Architecture and building	18.3	24.2	6.7	*1.9	*1.0	52.2
Agriculture, environmental and related studies	*4.8	6.1	5.3	*3.6	*2.1	21.8
Health	*4.4	13.4	9.0	*4.9	*4.9	36.6
Education	*2.9	7.4	8.6	*4.4	*3.7	27.0
Management and commerce	25.6	43.6	51.3	29.0	15.8	165.4
Society and culture	14.9	23.8	22.4	13.2	10.0	84.3
Creative arts	8.3	11.5	6.7	*3.0	*3.1	32.6
Food, hospitality and personal services	10.5	5.8	*2.7	*1.1	—	20.1
Mixed field programmes(a)	350.7	*2.3	*1.9	*0.9	—	355.8
Field not determined	6.5	11.9	5.3	*2.6	*2.6	28.7
<b>Total</b>	<b>522.7</b>	<b>241.7</b>	<b>168.5</b>	<b>92.3</b>	<b>56.3</b>	<b>1 081.4</b>
FEMALES						
Natural and physical sciences	7.2	10.3	5.9	*2.2	*1.9	27.4
Information technology	5.8	10.2	8.2	9.0	7.9	41.1
Engineering and related technologies	*2.6	*2.8	*4.5	*1.9	**0.6	12.3
Architecture and building	*3.8	*3.1	*2.7	**0.7	**0.2	10.5
Agriculture, environmental and related studies	5.3	*4.5	5.5	*3.2	*1.1	19.5
Health	17.8	26.8	17.5	21.5	9.1	92.6
Education	14.1	22.3	13.1	11.7	7.0	68.1
Management and commerce	35.1	57.5	58.0	28.1	16.3	195.0
Society and culture	28.8	49.8	42.7	28.0	21.0	170.3
Creative arts	18.9	14.8	9.6	5.8	7.1	56.1
Food, hospitality and personal services	15.9	5.5	*3.8	*2.9	*1.8	30.0
Mixed field programmes(a)	352.0	*2.4	*3.1	**0.3	*1.7	359.4
Field not determined	8.0	5.3	*4.9	*4.2	*3.8	26.2
<b>Total</b>	<b>515.1</b>	<b>215.2</b>	<b>179.3</b>	<b>119.4</b>	<b>79.4</b>	<b>1 108.4</b>

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

— nil or rounded to zero (including null cells)

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

(a) Includes persons studying for Year 12 or below.

continued

	AGE (YEARS) AT MAY 2001					Total
	15-19	20-24	25-34	35-44	45-64	
<i>Main field of education</i>	'000	'000	'000	'000	'000	'000
PERSONS						
Natural and physical sciences	14.9	21.9	13.5	*4.7	*3.5	58.6
Information technology	25.3	37.3	27.4	21.2	14.3	125.6
Engineering and related technologies	51.2	55.8	26.2	14.8	5.6	153.6
Architecture and building	22.1	27.3	9.5	*2.6	*1.3	62.6
Agriculture, environmental and related studies	10.1	10.6	10.7	6.8	*3.1	41.4
Health	22.2	40.1	26.5	26.4	14.0	129.2
Education	16.9	29.7	21.7	16.0	10.7	95.0
Management and commerce	60.7	101.1	109.3	57.1	32.1	360.4
Society and culture	43.7	73.7	65.0	41.2	30.9	254.6
Creative arts	27.2	26.2	16.3	8.9	10.2	88.7
Food, hospitality and personal services	26.4	11.3	6.5	*4.0	*1.8	50.1
Mixed field programmes(a)	702.6	*4.7	*5.0	*1.2	*1.7	715.2
Field not determined	14.5	17.2	10.1	6.8	6.3	54.9
<b>Total</b>	<b>1 037.8</b>	<b>456.9</b>	<b>347.8</b>	<b>211.7</b>	<b>135.6</b>	<b>2 189.8</b>

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

(a) Includes persons studying for Year 12 or below.

## LEVEL OF EDUCATION

<i>Field of education</i>	<i>Postgraduate Degree</i>	<i>Grad. Dip./ Grad. Cert.</i>	<i>Bachelor Degree</i>	<i>Adv. Dip./ Diploma</i>	<i>Certificate III or IV</i>	<i>Certificate I or II</i>	<i>Certificate n.f.d.</i>	<i>Year 12 or below</i>	<i>Total(a)</i>
	'000	'000	'000	'000	'000	'000	'000	'000	'000
MALES									
Natural and physical sciences	7.6	*1.1	19.2	**0.7	**0.3	—	*1.2	—	31.1
Information technology	*4.4	*2.1	29.3	23.0	8.7	*4.0	10.8	—	84.4
Engineering and related technologies	*4.1	*1.8	43.4	11.6	62.5	*4.7	8.1	—	141.3
Architecture and building	—	**0.3	9.2	*3.9	30.7	*1.7	6.0	—	52.2
Agriculture, environmental and related studies	*2.1	**0.5	6.1	*2.1	5.8	*1.2	*3.9	—	21.8
Health	*5.5	*3.8	19.5	*3.8	*1.0	—	*1.8	—	36.6
Education	*4.7	*3.2	13.5	*1.5	*2.0	**0.3	*1.2	—	27.0
Management and commerce	22.4	12.2	68.7	30.7	7.6	5.2	14.2	—	165.4
Society and culture	9.2	*4.5	44.3	11.4	*4.1	*2.1	6.2	—	84.3
Creative arts	*1.4	*1.1	17.1	*4.7	*1.8	*0.9	*3.5	—	32.6
Food, hospitality and personal services	—	—	**0.4	*2.3	12.8	*1.2	*2.1	—	20.1
Mixed field programmes(b)	—	—	—	—	—	**0.3	**0.3	354.9	355.8
Field not determined	**0.3	**0.5	8.5	*1.4	*2.1	**0.3	*0.9	—	28.7
<b>Total</b>	<b>61.9</b>	<b>31.1</b>	<b>279.2</b>	<b>96.9</b>	<b>139.3</b>	<b>21.8</b>	<b>60.3</b>	<b>354.9</b>	<b>1 081.4</b>
FEMALES									
Natural and physical sciences	6.4	**0.6	18.7	**0.5	—	—	*1.1	—	27.4
Information technology	*1.3	*2.7	9.5	8.5	*3.8	*3.3	9.3	—	41.1
Engineering and related technologies	*1.1	—	*4.6	**0.5	*2.2	*1.6	*2.3	—	12.3
Architecture and building	**0.4	**0.2	*4.7	*3.7	—	—	*1.4	—	10.5
Agriculture, environmental and related studies	**0.7	**0.6	6.8	*1.8	*2.9	*2.5	*3.3	—	19.5
Health	9.8	11.0	44.0	8.8	6.2	*2.7	6.7	—	92.6
Education	*4.5	10.4	38.9	7.9	*3.2	—	*2.1	—	68.1
Management and commerce	10.8	10.6	68.1	38.9	21.2	7.3	29.1	—	195.0
Society and culture	9.4	7.2	87.1	28.2	11.9	*5.1	16.8	—	170.3
Creative arts	*2.6	*2.8	28.2	12.3	*2.5	**0.4	5.7	—	56.1
Food, hospitality and personal services	—	**0.2	*1.2	*3.6	14.3	5.7	*4.3	—	30.0
Mixed field programmes(b)	—	—	—	—	**0.3	*1.4	*1.0	356.8	359.4
Field not determined	*1.1	**0.2	8.6	*1.4	*2.0	**0.5	—	—	26.2
<b>Total</b>	<b>48.1</b>	<b>46.5</b>	<b>320.4</b>	<b>116.0</b>	<b>70.5</b>	<b>30.4</b>	<b>83.0</b>	<b>356.8</b>	<b>1 108.4</b>

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

— nil or rounded to zero (including null cells)

(a) Includes those whose level of education of current study could not be determined.

(b) Includes persons studying for Year 12 or below.

LEVEL OF EDUCATION

<i>Field of education</i>	<i>Postgraduate Degree</i>	<i>Grad. Dip./ Grad. Cert.</i>	<i>Bachelor Degree</i>	<i>Adv. Dip./ Diploma</i>	<i>Certificate III or IV</i>	<i>Certificate I or II</i>	<i>Certificate n.f.d.</i>	<i>Year 12 or below</i>	<i>Total(a)</i>
	'000	'000	'000	'000	'000	'000	'000	'000	'000
PERSONS									
Natural and physical sciences	14.0	*1.7	37.9	*1.2	**0.3	—	*2.3	—	58.6
Information technology	5.7	*4.8	38.8	31.6	12.5	7.4	20.1	—	125.6
Engineering and related technologies	5.2	*1.8	48.0	12.1	64.8	6.2	10.4	—	153.6
Architecture and building	**0.4	**0.5	13.9	7.6	30.7	*1.7	7.4	—	62.6
Agriculture, environmental and related studies	*2.8	*1.1	12.9	*3.9	8.7	*3.7	7.3	—	41.4
Health	15.3	14.9	63.5	12.6	7.2	*2.7	8.5	—	129.2
Education	9.2	13.7	52.5	9.3	5.2	**0.3	*3.2	—	95.0
Management and commerce	33.2	22.7	136.9	69.6	28.8	12.5	43.3	—	360.4
Society and culture	18.6	11.7	131.3	39.6	16.0	7.1	23.0	—	254.6
Creative arts	*4.0	*3.9	45.3	17.0	*4.3	*1.4	9.2	—	88.7
Food, hospitality and personal services	—	**0.2	*1.5	5.8	27.1	6.9	6.4	—	50.1
Mixed field programmes(b)	—	—	—	—	**0.3	*1.7	*1.3	711.6	715.2
Field not determined	*1.5	**0.6	17.2	*2.7	*4.0	**0.8	*0.9	—	54.9
<b>Total</b>	<b>110.0</b>	<b>77.6</b>	<b>599.6</b>	<b>212.9</b>	<b>209.8</b>	<b>52.3</b>	<b>143.3</b>	<b>711.6</b>	<b>2 189.8</b>

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

— nil or rounded to zero (including null cells)

(a) Includes those whose level of education of current study could not be determined.

(b) Includes persons studying for Year 12 or below.

## 6

PERSONS ENROLLED FOR A QUALIFICATION, Level of education of current study, by labour force status

LABOUR FORCE STATUS

Level of education	Employed	Employed	Employed	Unemployed	Labour force	Not in labour force	Total
	full-time	part-time	total				
	'000	'000	'000	'000	'000	'000	'000
<b>MALES</b>							
Postgraduate degree	38.8	9.1	48.0	*2.0	50.0	11.9	61.9
Graduate diploma or graduate certificate	22.3	*2.8	25.1	**0.8	25.9	5.2	31.1
Bachelor degree	60.3	105.6	166.0	16.2	182.1	97.1	279.2
Advanced diploma or diploma	47.0	22.6	69.6	5.8	75.4	21.5	96.9
Certificate III or IV	113.1	10.2	123.4	5.2	128.6	10.8	139.3
Certificate I or II	8.5	*4.0	12.4	*1.9	14.4	7.4	21.8
Certificate not further defined	33.1	9.5	42.5	6.1	48.7	11.6	60.3
Year 12	*2.4	42.3	44.7	8.4	53.1	65.4	118.5
Year 11	**0.1	37.4	37.5	10.1	47.6	66.5	114.2
Year 10 or below	**0.5	28.1	28.6	10.5	39.1	73.3	112.4
Level not determined	16.3	5.9	22.2	*3.7	25.9	10.1	36.0
<b>Total(a)</b>	<b>342.5</b>	<b>277.6</b>	<b>620.0</b>	<b>70.7</b>	<b>690.7</b>	<b>390.7</b>	<b>1 081.4</b>
<b>FEMALES</b>							
Postgraduate degree	26.1	12.5	38.5	*2.4	41.0	7.1	48.1
Graduate diploma or graduate certificate	23.2	14.9	38.1	**0.5	38.6	7.9	46.5
Bachelor degree	51.8	155.6	207.4	17.6	225.0	95.4	320.4
Advanced diploma or diploma	45.8	34.3	80.1	6.0	86.1	30.0	116.0
Certificate III or IV	30.0	20.2	50.2	6.1	56.4	14.1	70.5
Certificate I or II	11.5	7.9	19.4	*3.0	22.4	8.0	30.4
Certificate not further defined	30.4	21.4	51.8	10.2	62.0	21.0	83.0
Year 12	**0.8	48.0	48.8	7.3	56.1	57.8	113.9
Year 11	**0.1	54.6	54.7	15.1	69.9	60.3	130.2
Year 10 or below	**0.5	28.0	28.5	10.5	39.0	64.4	103.4
Level not determined	9.1	13.9	23.0	*2.6	25.6	11.1	36.7
<b>Total(a)</b>	<b>229.3</b>	<b>411.2</b>	<b>640.5</b>	<b>81.5</b>	<b>722.0</b>	<b>386.5</b>	<b>1 108.4</b>
<b>PERSONS</b>							
Postgraduate degree	64.9	21.6	86.5	*4.4	90.9	19.0	110.0
Graduate diploma or graduate certificate	45.5	17.7	63.2	*1.3	64.5	13.1	77.6
Bachelor degree	112.1	261.2	373.4	33.8	407.1	192.5	599.6
Advanced diploma or diploma	92.8	56.9	149.7	11.8	161.5	51.5	212.9
Certificate III or IV	143.1	30.5	173.6	11.4	184.9	24.9	209.8
Certificate I or II	19.9	11.9	31.8	*4.9	36.8	15.5	52.3
Certificate not further defined	63.5	30.8	94.3	16.3	110.6	32.6	143.3
Year 12	*3.2	90.3	93.5	15.7	109.2	123.1	232.3
Year 11	**0.2	92.0	92.2	25.2	117.5	126.9	244.3
Year 10 or below	*1.0	56.1	57.1	21.0	78.1	137.7	215.8
Level not determined	25.4	19.8	45.2	6.3	51.5	21.2	72.7
<b>Total(a)</b>	<b>571.8</b>	<b>688.8</b>	<b>1 260.5</b>	<b>152.2</b>	<b>1 412.7</b>	<b>777.2</b>	<b>2 189.8</b>

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

(a) Includes boarding school pupils.

# 7

## PERSONS ENROLLED FOR A QUALIFICATION, Level of education of current study, by type of institution attending

Level of education	TYPE OF INSTITUTION				Total
	School	TAFE	Higher education	Other institution	
	'000	'000	'000	'000	'000
Postgraduate degree	—	*1.0	104.0	*5.0	110.0
Graduate diploma or graduate certificate	—	11.5	52.6	13.5	77.6
Bachelor degree	**0.5	9.6	574.7	14.9	599.6
Advanced diploma or diploma	—	118.8	52.3	41.8	212.9
Certificate III or IV	—	172.0	11.1	26.7	209.8
Certificate I or II	**0.2	36.6	*4.1	11.3	52.3
Certificate not further defined	**0.1	92.9	8.8	41.5	143.3
Year 12	221.4	7.4	**0.7	*2.8	232.3
Year 11	243.7	**0.2	—	**0.4	244.3
Year 10 or below	213.1	*2.4	—	**0.3	215.8
Level not determined	**0.6	33.5	19.6	19.0	72.7
<b>Total(a)</b>	<b>698.7</b>	<b>486.2</b>	<b>827.9</b>	<b>177.1</b>	<b>2 189.8</b>

— nil or rounded to zero (including null cells)

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

(a) Includes boarding school pupils.

	NSW	Vic.	Qld	SA	WA	Tas.	NT(a)	ACT	Aust.
LEVEL OF HIGHEST EDUCATIONAL ATTAINMENT ('000)									
<b>Level of education(b)</b>									
Postgraduate degree	104.3	76.8	46.1	13.7	25.7	*4.2	*2.1	10.9	283.9
Graduate diploma or graduate certificate	94.1	102.4	38.9	20.1	25.7	*4.3	*3.7	11.0	300.3
Bachelor degree	570.8	434.5	256.3	99.5	156.4	26.6	10.1	41.4	1 595.5
Advanced diploma or diploma	304.3	220.8	139.9	59.8	85.3	19.3	8.0	17.1	854.6
Certificate III or IV	584.7	411.4	384.2	134.4	198.8	46.6	15.9	22.6	1 798.6
Certificate I or II	44.4	29.8	22.6	8.3	10.0	*4.3	**0.6	*1.8	121.8
Certificate not further defined	*4.2	*4.0	*3.4	**0.8	**0.7	**0.4	—	**0.2	13.7
Year 12	839.7	644.7	492.7	175.1	254.8	41.4	18.2	55.1	2 521.7
Year 11	214.8	403.7	159.9	162.6	114.7	18.5	12.1	10.8	1 097.1
Year 10 and below	1 452.7	858.4	814.9	288.6	393.2	132.8	28.3	42.2	4 011.1
Level not determined	65.4	26.2	17.7	8.5	17.3	*3.1	*1.9	*2.5	142.7
<b>Total(c)</b>	<b>4 300.3</b>	<b>3 224.1</b>	<b>2 386.1</b>	<b>974.5</b>	<b>1 284.2</b>	<b>302.1</b>	<b>101.0</b>	<b>216.0</b>	<b>12 788.3</b>
PROPORTION OF PERSONS WITH A NON-SCHOOL QUALIFICATION (%) (d)									
<b>Age (years) at May 2001</b>									
15–19	6.6	4.6	8.6	5.1	7.9	4.1	5.0	3.1	6.4
20–24	43.6	40.6	43.8	40.7	44.5	40.7	46.5	47.7	42.8
25–34	61.9	60.6	54.7	52.2	57.6	51.4	52.2	67.0	58.9
35–44	58.8	55.0	52.1	48.9	56.9	50.9	47.9	65.3	55.5
45–54	53.9	49.7	49.7	50.0	55.5	49.6	56.8	66.7	52.1
55–64	41.7	40.1	43.7	42.5	44.3	41.1	45.2	63.2	42.3
<b>Sex</b>									
Males	51.0	49.4	49.4	47.2	51.5	46.6	52.5	58.7	50.1
Females	47.4	43.6	41.3	39.8	45.3	39.5	39.3	54.6	44.4
<b>Country of birth(e)</b>									
Born in Australia	48.9	46.7	43.8	42.5	45.6	40.7	44.8	54.5	46.3
Born overseas	50.3	46.0	52.1	47.5	54.1	61.9	50.4	63.8	50.1
<b>Area of usual residence</b>									
Capital City	52.0	47.9	47.3	45.2	49.7	43.4	—	—	49.1
Balance of State/Territory	44.0	42.5	43.7	38.6	44.5	42.7	46.0	56.7	44.0
<b>Total</b>	<b>49.2</b>	<b>46.5</b>	<b>45.4</b>	<b>43.5</b>	<b>48.4</b>	<b>43.0</b>	<b>46.0</b>	<b>56.7</b>	<b>47.2</b>

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

— nil or rounded to zero (including null cells)

(a) Refers to mainly urban areas. For further information see paragraph 5 of the Explanatory Notes.

(b) The levels of education are not necessarily listed in order from highest to lowest. See paragraphs 15 to 17 of the Explanatory Notes for further details on how highest educational attainment is determined.

(c) Includes boarding school pupils and persons who never attended school.

(d) Non-school educational qualification refers to educational attainments other than those of pre-primary, primary or secondary education.

(e) Excludes boarding school pupils.



		1991	1993	1995	1997	1999	2001
.....							
.....							
HIGHEST NON-SCHOOL QUALIFICATION (b)							
.....							
Bachelor degree or above							
15-24	%	3.6	4.5	5.4	6.2	7.0	7.1
25-34	%	12.5	13.1	14.3	17.5	20.1	24.0
35-44	%	13.1	14.7	16.5	18.0	19.1	19.8
45-54	%	8.7	10.9	13.5	14.4	17.9	19.2
55-64	%	5.1	5.5	8.2	9.7	10.5	13.3
<i>Total</i>	%	9.0	10.1	11.9	13.6	15.4	17.0
Advanced diploma or below							
15-24	%	17.6	16.3	16.9	15.5	15.6	17.0
25-34	%	37.9	34.0	34.1	31.4	32.8	33.6
35-44	%	37.3	34.1	33.3	31.7	33.9	34.4
45-54	%	35.2	32.8	32.2	29.7	30.7	31.6
55-64	%	28.5	27.7	29.2	24.6	27.4	27.7
<i>Total</i>	%	31.3	28.9	29.0	26.8	28.3	29.1
Total with non-school qualifications(c)							
15-24	%	21.5	20.8	22.3	21.7	22.7	24.6
25-34	%	51.0	47.2	48.5	48.8	52.9	58.9
35-44	%	50.9	48.8	49.8	49.6	53.0	55.5
45-54	%	44.5	43.7	45.7	44.1	48.5	52.1
55-64	%	34.1	33.2	37.3	34.3	37.9	42.3
<i>Total</i>	%	40.8	39.1	41.0	40.4	43.7	47.2
Total							
15-24	'000	2 731.2	2 728.8	2 683.9	2 638.9	2 648.4	2 703.8
25-34	'000	2 792.5	2 807.6	2 791.9	2 837.2	2 821.8	2 854.6
35-44	'000	2 618.9	2 668.2	2 710.7	2 802.7	2 884.8	2 897.1
45-54	'000	1 858.5	2 059.7	2 204.1	2 360.7	2 493.9	2 592.3
55-64	'000	1 438.9	1 451.9	1 483.4	1 547.4	1 633.7	1 740.6
<b>Total</b>	<b>'000</b>	<b>11 439.9</b>	<b>11 716.2</b>	<b>11 874.1</b>	<b>12 187.0</b>	<b>12 482.6</b>	<b>12 788.3</b>

- .....
- (a) Non-school educational qualification refers to educational attainments other than those of pre-primary, primary or secondary education.
- (b) Persons in a particular age group with a non-school qualification as a percentage of the total population in that age group.
- (c) Includes persons whose highest non-school educational qualification was not determined.

## AGE (YEARS) AT MAY 2001

	15-19	20-24	25-34	35-44	45-54	55-64	Total
	'000	'000	'000	'000	'000	'000	'000
<b>Level of education(a)</b>							
Postgraduate degree	—	*4.7	65.2	83.5	92.6	37.9	283.9
Graduate diploma or graduate certificate	**0.2	5.8	80.6	82.6	89.1	41.9	300.3
Bachelor degree	**0.8	180.0	540.4	406.4	317.1	150.8	1 595.5
Advanced diploma or diploma	*5.1	87.3	223.0	223.1	202.4	113.7	854.6
Certificate III or IV	22.8	164.6	462.1	505.0	392.4	251.8	1 798.6
Certificate I or II	*3.4	6.7	17.5	25.0	35.2	34.0	121.8
Certificate not further defined	*1.3	**0.6	*2.3	*4.1	*4.8	**0.8	13.7
Year 12	384.7	594.8	628.6	435.5	315.6	162.4	2 521.7
Year 11	277.7	101.4	231.3	240.5	169.9	76.3	1 097.1
Year 10 and below	630.8	197.8	564.2	848.9	933.6	835.8	4 011.1
Level not determined	*4.8	9.3	36.0	37.5	31.8	23.3	142.7
<b>Main field of education</b>							
Natural and physical sciences	—	23.4	66.2	48.3	49.0	23.6	210.4
Information technology	*3.1	23.3	59.3	37.4	17.5	*3.6	144.2
Engineering and related technologies	5.8	79.0	288.1	346.4	280.8	177.6	1 177.7
Architecture and building	*1.5	26.7	108.1	101.7	89.7	62.3	390.0
Agriculture, environmental and related studies	*2.2	17.5	34.9	33.6	21.0	14.8	124.1
Health	*1.1	34.8	140.8	171.9	133.9	87.7	570.3
Education	**0.7	28.2	91.5	117.3	130.6	71.7	440.0
Management and commerce	9.2	91.6	263.4	216.4	190.5	89.0	860.2
Society and culture	*3.9	63.9	199.3	168.1	150.6	67.3	653.1
Creative arts	*3.0	26.5	69.7	48.0	41.9	20.5	209.6
Food, hospitality and personal services	7.2	40.3	97.1	69.1	48.5	32.5	294.7
Mixed field programmes(b)	1 312.3	894.1	1 424.9	1 525.1	1 419.6	1 075.0	7 651.0
Field inadequately described	**0.6	*3.6	11.3	13.6	18.9	15.1	63.1
<b>Total(c)</b>	<b>1 350.7</b>	<b>1 353.1</b>	<b>2 854.6</b>	<b>2 897.1</b>	<b>2 592.3</b>	<b>1 740.6</b>	<b>12 788.3</b>

— nil or rounded to zero (including null cells)

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

(a) The levels of education are not necessarily listed in order from highest to lowest. See paragraphs 15 to 17 of the Explanatory Notes for further details on how highest educational attainment is determined.

(b) Includes persons whose highest educational attainment was Year 12 or below.

(c) Includes boarding school pupils and persons who never attended school.

## LEVEL OF EDUCATION

Field of education	Post-grad Degree	Grad. Dip./Grad. Cert.	Bachelor degree	Adv. Dip./Diploma	Certificate III or IV	Certificate I or II	Certificate nfd	Year 12 or below	Total(b)(c)
	'000	'000	'000	'000	'000	'000	'000	'000	'000
MALES									
Natural and physical sciences	24.3	*4.0	76.1	8.4	*1.8	*1.4	**0.3	—	117.2
Information technology	6.8	6.7	48.7	22.1	11.2	**0.2	**0.4	—	98.7
Engineering and related technologies	18.6	6.6	135.4	88.0	829.8	16.3	**0.6	—	1 118.4
Architecture and building	*2.0	*3.0	19.9	13.3	317.1	*3.2	**0.1	—	367.7
Agriculture, environmental and related studies	*4.1	*2.9	20.4	17.0	34.0	6.4	**0.3	—	89.8
Health	24.2	11.1	62.7	18.7	8.7	**0.4	—	—	128.1
Education	7.9	28.8	50.8	16.0	*3.3	**0.4	—	—	109.0
Management and commerce	43.1	35.6	150.8	103.6	40.3	6.8	*1.5	—	391.3
Society and culture	31.7	21.0	148.9	22.5	11.0	**0.7	**0.7	—	241.1
Creative arts	*4.7	*3.8	34.9	28.4	16.2	**0.8	**0.9	—	93.2
Food, hospitality and personal services	**0.1	—	*1.9	7.4	114.5	*2.4	—	—	129.2
Mixed field programmes(d)	—	—	—	**0.1	**0.5	—	—	3 495.1	3 495.9
Field not determined	*0.9	**0.5	*3.7	6.0	*2.1	—	—	—	27.6
Total(c)	168.5	124.0	754.2	351.4	1 390.3	39.0	*4.8	3 495.1	6 407.3
FEMALES									
Natural and physical sciences	14.2	*5.1	59.9	8.9	*2.2	**0.4	—	—	93.2
Information technology	*1.7	*3.6	11.9	14.3	9.2	*3.7	**0.2	—	45.5
Engineering and related technologies	*2.6	*1.6	13.2	8.0	26.4	*3.8	*1.3	—	59.2
Architecture and building	*1.2	**0.8	9.7	*4.7	*5.2	**0.4	—	—	22.3
Agriculture, environmental and related studies	*1.4	*1.8	11.7	9.0	7.0	*1.2	**0.3	—	34.2
Health	18.8	32.2	214.8	105.1	50.2	6.6	*1.1	—	442.2
Education	15.1	76.1	147.3	81.8	7.9	—	—	—	331.0
Management and commerce	19.3	21.0	126.7	129.0	97.6	40.8	*2.3	—	468.9
Society and culture	35.7	27.9	185.0	77.6	65.8	11.2	*2.0	—	412.0
Creative arts	*4.4	*4.7	47.2	37.7	14.4	*2.6	—	—	116.4
Food, hospitality and personal services	—	**0.3	*2.3	24.6	121.5	12.0	*1.1	—	165.5
Mixed field programmes(d)	—	**0.3	—	—	—	—	**0.7	4 153.9	4 155.1
Field not determined	**0.7	*1.0	11.6	*2.4	*0.9	—	—	—	35.5
Total(c)	115.4	176.3	841.3	503.1	408.4	82.8	8.9	4 153.9	6 381.1

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

— nil or rounded to zero (including null cells)

(a) The levels of education are not necessarily listed in order from highest to lowest. See paragraphs 15 to 17 of the Explanatory Notes for further details on how highest educational attainment is determined.

(b) Includes persons whose highest level of educational attainment could not be determined.

(c) Includes persons who never attended school.

(d) Includes persons whose highest level of educational attainment was Year 12 or below.

continued

## LEVEL OF EDUCATION

Field of education	Post-grad Degree	Grad. Dip./Grad. Cert.	Bachelor degree	Adv. Dip./Diploma	Certificate III or IV	Certificate I or II	Certificate nfd	Year 12 or below	Total(b)(c)
	'000	'000	'000	'000	'000	'000	'000	'000	'000
PERSONS									
Natural and physical sciences	38.5	9.1	135.9	17.3	*4.0	*1.8	**0.3	—	210.4
Information technology	8.6	10.3	60.6	36.4	20.4	*3.9	**0.6	—	144.2
Engineering and related technologies	21.2	8.2	148.6	95.9	856.2	20.1	*1.8	—	1 177.7
Architecture and building	*3.2	*3.8	29.6	18.0	322.2	*3.6	**0.1	—	390.0
Agriculture, environmental and related studies	*5.5	*4.6	32.1	26.0	41.0	7.6	**0.6	—	124.1
Health	43.0	43.3	277.5	123.8	58.8	7.0	*1.1	—	570.3
Education	23.1	104.9	198.0	97.7	11.2	**0.4	—	—	440.0
Management and commerce	62.4	56.6	277.5	232.5	137.8	47.6	*3.8	—	860.2
Society and culture	67.3	48.9	333.9	100.1	76.8	11.9	*2.7	—	653.1
Creative arts	9.2	8.5	82.1	66.2	30.6	*3.4	**0.9	—	209.6
Food, hospitality and personal services	**0.1	**0.3	*4.2	32.0	236.0	14.4	*1.1	—	294.7
Mixed field programmes(d)	—	**0.3	—	**0.1	**0.5	—	**0.7	7 649.0	7 651.0
Field not determined	*1.6	*1.4	15.3	8.5	*3.0	—	—	—	63.1
<b>Total(c)</b>	<b>283.9</b>	<b>300.3</b>	<b>1 595.5</b>	<b>854.6</b>	<b>1 798.6</b>	<b>121.8</b>	<b>13.7</b>	<b>7 649.0</b>	<b>12 788.3</b>

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

— nil or rounded to zero (including null cells)

(a) The levels of education are not necessarily listed in order from highest to lowest. See paragraphs 15 to 17 of the Explanatory Notes for further details on how highest educational attainment is determined.

(b) Includes persons whose highest level of educational attainment could not be determined.

(c) Includes persons who never attended school.

(d) Includes persons whose highest level of educational attainment was Year 12 or below.

## LABOUR FORCE STATUS

Level of education	Employed	Employed	Employed	Unemployed	Labour force	Not in labour force	Total
	full-time	part-time	total				
	'000	'000	'000	'000	'000	'000	'000
MALES							
Postgraduate degree	144.0	12.1	156.2	*4.1	160.3	8.2	168.5
Graduate diploma or graduate certificate	103.6	9.8	113.4	*1.3	114.7	9.3	124.0
Bachelor degree	611.0	54.5	665.5	21.7	687.2	67.0	754.2
Advanced diploma or diploma	262.0	31.1	293.2	14.4	307.6	43.9	351.4
Certificate III or IV	1 120.0	80.3	1 200.2	55.8	1 256.1	134.2	1 390.3
Certificate I or II	21.5	*3.8	25.4	*4.1	29.4	9.5	39.0
Certificate not further defined	*3.7	—	*3.7	—	*3.7	*1.1	*4.8
Year 12	744.8	200.3	945.1	77.0	1 022.1	187.4	1 209.5
Year 11	281.8	72.3	354.1	38.3	392.4	103.3	495.6
Year 10 and below	950.9	192.4	1 143.3	151.3	1 294.6	485.4	1 780.0
Level not determined	51.2	5.9	57.0	*3.6	60.6	7.4	68.0
<b>Total(b)</b>	<b>4 298.5</b>	<b>664.7</b>	<b>4 963.2</b>	<b>372.5</b>	<b>5 335.7</b>	<b>1 071.5</b>	<b>6 407.3</b>
FEMALES							
Postgraduate degree	73.0	21.3	94.3	*4.7	98.9	16.5	115.4
Graduate diploma or graduate certificate	89.7	52.5	142.2	*3.6	145.8	30.6	176.3
Bachelor degree	464.2	213.0	677.2	18.1	695.2	146.0	841.3
Advanced diploma or diploma	230.6	150.2	380.7	16.2	396.9	106.2	503.1
Certificate III or IV	162.3	131.2	293.5	15.6	309.0	99.3	408.4
Certificate I or II	21.9	21.6	43.5	7.3	50.8	32.0	82.8
Certificate not further defined	*3.0	*1.8	*4.8	*2.0	6.8	*2.1	8.9
Year 12	476.7	390.9	867.6	68.2	935.8	376.3	1 312.1
Year 11	158.9	194.1	353.0	34.7	387.7	213.8	601.4
Year 10 and below	492.7	558.1	1 050.7	119.1	1 169.8	1 061.3	2 231.1
Level not determined	29.2	24.6	53.9	*4.0	57.8	16.9	74.8
<b>Total(b)</b>	<b>2 203.2</b>	<b>1 760.6</b>	<b>3 963.8</b>	<b>293.7</b>	<b>4 257.5</b>	<b>2 123.6</b>	<b>6 381.1</b>
PERSONS							
Postgraduate degree	217.0	33.4	250.5	8.7	259.2	24.7	283.9
Graduate diploma or graduate certificate	193.3	62.3	255.6	*4.8	260.5	39.9	300.3
Bachelor degree	1 075.2	267.5	1 342.7	39.8	1 382.5	213.0	1 595.5
Advanced diploma or diploma	492.6	181.3	673.9	30.6	704.5	150.0	854.6
Certificate III or IV	1 282.2	211.4	1 493.7	71.4	1 565.1	233.5	1 798.6
Certificate I or II	43.4	25.5	68.9	11.4	80.3	41.5	121.8
Certificate not further defined	6.7	*1.8	8.5	*2.0	10.5	*3.2	13.7
Year 12	1 221.5	591.2	1 812.7	145.2	1 957.9	563.8	2 521.7
Year 11	440.7	266.4	707.0	73.0	780.1	317.0	1 097.1
Year 10 and below	1 443.5	750.5	2 194.0	270.4	2 464.4	1 546.7	4 011.1
Level not determined	80.4	30.5	110.9	7.5	118.4	24.3	142.7
<b>Total(b)</b>	<b>6 501.7</b>	<b>2 425.3</b>	<b>8 927.0</b>	<b>666.2</b>	<b>9 593.2</b>	<b>3 195.1</b>	<b>12 788.3</b>

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

— nil or rounded to zero (including null cells)

(a) The levels of education are not necessarily listed in order from highest to lowest. See paragraphs 15 to 17 of the Explanatory Notes for further details on how highest educational attainment is determined.

(b) Includes boarding school pupils and persons who never attended school.

## LEVEL OF EDUCATION

	Post-grad Degree	Grad. Dip./Grad. Cert.	Bachelor Degree	Adv. Dip./Diploma	Certificate III or IV	Certificate I or II	Certificate nfd	Year 12 or below	Total(b)
	'000	'000	'000	'000	'000	'000	'000	'000	'000
<b>Occupation</b>									
Managers and administrators	32.9	28.4	124.1	60.4	96.1	*3.5	**0.6	294.3	655.3
Professionals	179.2	158.8	793.7	209.6	82.2	*4.2	**0.6	227.2	1 675.8
Associate professionals	17.5	31.2	149.8	125.1	172.3	*5.5	*2.0	513.2	1 031.7
Tradespersons and related workers	*1.9	*4.1	28.6	35.4	630.2	8.3	**0.8	428.6	1 150.7
Advanced clerical and service workers	*1.7	7.1	39.3	38.6	30.9	7.3	**0.1	280.3	415.2
Intermediate clerical, sales and service workers	11.2	18.2	129.2	130.8	176.2	16.2	*2.4	1 026.7	1 527.4
Intermediate production and transport workers	**0.3	*1.7	19.4	16.8	143.1	6.5	*1.0	574.5	771.5
Elementary clerical, sales and service workers	*3.7	*3.0	34.9	35.4	66.6	7.6	—	724.1	886.8
Labourers and related workers	*1.9	*3.0	23.6	21.8	96.1	9.7	*1.2	644.9	812.5
<b>Industry</b>									
Agriculture, forestry and fishing	*1.3	*1.9	20.4	18.8	47.0	*4.7	**0.6	272.6	376.6
Mining	*2.0	*1.1	12.5	*5.1	20.8	**0.3	—	31.3	73.7
Manufacturing	13.2	13.4	98.3	55.6	293.6	8.3	**0.9	615.6	1 110.4
Electricity, gas and water supply	*2.6	*1.1	13.1	*4.5	23.0	**0.3	—	23.1	69.2
Construction	*3.0	*4.8	33.7	26.7	285.6	*4.7	**0.6	298.6	665.5
Wholesale trade	7.6	5.7	41.4	26.0	70.4	*1.7	**0.9	266.2	425.5
Retail trade	*3.6	6.2	65.5	42.4	209.3	10.6	**0.6	972.8	1 324.3
Accommodation, cafes and restaurants	*1.5	*4.1	34.3	27.5	56.5	*4.1	*1.6	318.1	453.5
Transport and storage	*2.5	*3.3	26.0	27.0	69.4	*3.9	**0.3	270.5	405.4
Communication services	*4.3	*2.1	21.8	19.2	29.1	**0.5	**0.1	103.5	182.8
Finance and insurance	13.1	14.7	62.4	34.8	21.9	*1.2	—	190.1	342.1
Property and business services	49.9	36.1	264.3	104.2	108.1	6.7	**0.2	457.7	1 042.5
Government administration and defence	18.6	20.6	83.7	33.3	37.8	*4.5	**0.3	160.2	363.0
Education	64.7	77.9	227.5	79.6	33.4	*3.8	**0.1	126.1	621.5
Health and community services	53.5	49.1	261.1	113.4	90.8	9.5	*2.1	303.7	900.1
Cultural and recreational services	*4.6	7.2	36.4	23.4	21.8	*1.9	**0.2	128.1	227.9
Personal and other services	*4.3	6.3	40.3	32.5	75.1	*2.1	—	175.7	343.0
<b>Total</b>	<b>250.5</b>	<b>255.6</b>	<b>1 342.7</b>	<b>673.9</b>	<b>1 493.7</b>	<b>68.9</b>	<b>8.5</b>	<b>4 713.8</b>	<b>8 927.0</b>

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

— nil or rounded to zero (including null cells)

(a) The levels of education are not necessarily listed in order from highest to lowest. See paragraphs 15 to 17 of the Explanatory Notes for further details on how highest educational attainment is determined.

(b) Includes persons who never attended school and persons whose highest level of educational attainment could not be determined.

## LEVEL OF EDUCATION

	Post-grad Degree	Grad. Dip./Grad. Cert.	Bachelor Degree	Adv. Dip./Diploma	Certificate III or IV	Certificate I or II	Certificate n.f.d.	Year 12 or below	Total(b)
NUMBER ('000)									
<b>Sex</b>									
Males	*4.1	*1.3	21.7	14.4	55.8	*4.1	—	266.6	372.5
Females	*4.7	*3.6	18.1	16.2	15.6	7.3	*2.0	222.0	293.7
<b>Age (years)</b>									
15–19	—	—	—	**0.6	*2.4	*1.0	—	139.7	144.6
20–24	**0.5	—	8.3	*4.5	12.1	*1.8	**0.6	96.3	125.4
25–34	*2.5	*1.4	12.7	8.9	15.5	*2.7	**0.7	95.6	142.7
35–44	*2.2	*2.6	9.9	7.4	19.1	*2.4	**0.8	81.5	127.2
45–54	*2.1	**0.7	6.3	7.1	10.8	*2.2	—	52.5	83.7
55–64	*1.4	**0.2	*2.6	*2.2	11.5	*1.4	—	23.0	42.5
<b>Country of birth and year of arrival in Australia</b>									
Born in Australia	*3.8	*1.9	17.5	18.1	53.0	10.0	*1.7	375.4	487.0
Born overseas	*5.0	*3.0	22.3	12.5	18.4	*1.4	**0.3	113.2	179.2
Arrived before 1961	—	—	**0.7	**0.8	*3.3	**0.4	—	*5.5	10.9
Arrived 1961–1970	**0.1	**0.7	*2.0	*1.9	*3.5	**0.3	—	16.0	25.0
Arrived 1971–1980	**0.8	**0.4	*1.4	*2.1	*2.7	—	—	16.3	24.3
Arrived 1981–1990	*1.1	**0.7	5.8	*3.4	*4.1	—	**0.3	36.3	52.1
Arrived 1991 to survey date	*3.0	*1.1	12.4	*4.4	*4.9	**0.8	—	39.1	66.9
<b>Duration of unemployment</b>									
Under 4 weeks	*2.3	*1.5	10.1	*4.2	16.3	*1.3	—	82.7	119.8
4 and under 8 weeks	*2.0	—	5.9	*4.3	11.8	**0.2	—	52.2	76.7
8 and under 13 weeks	*1.0	*1.7	*5.5	*5.5	7.2	*1.1	*1.0	66.2	89.7
13 and under 26 weeks	*1.1	*1.2	11.2	7.9	13.4	*3.0	**0.7	114.6	155.3
26 and under 52 weeks	*0.9	—	*3.8	*4.0	7.8	*1.9	—	59.5	79.1
52 and under 104 weeks	**0.7	**0.4	*2.1	*1.4	5.7	*2.1	—	52.0	65.5
104 weeks and over	**0.7	—	*1.2	*3.3	9.2	*1.8	**0.3	61.3	80.1
<b>Total</b>	<b>8.7</b>	<b>*4.8</b>	<b>39.8</b>	<b>30.6</b>	<b>71.4</b>	<b>11.4</b>	<b>*2.0</b>	<b>488.6</b>	<b>666.2</b>

## DURATION OF UNEMPLOYMENT (WEEKS)

<b>Mean duration of unemployment</b>	**24.6	15.6	*19.5	*27.9	30.2	**43.7	28.9	33.2	31.9
<b>Median duration of unemployment</b>	**8	11	*12	*15	13	**28	13	18	17

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

— nil or rounded to zero (including null cells)

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

(a) The levels of education are not necessarily listed in order from highest to lowest. See paragraphs 15 to 17 of the Explanatory Notes for further details on how highest educational attainment is determined.

(b) Includes persons who never attended school and persons whose highest level of educational attainment could not be determined.

Level of highest non-school qualification	HIGHEST YEAR COMPLETED				Total(a)
	Year 12	Year 11	Year 10	Year 9 or below	
	'000	'000	'000	'000	'000
MALES					
Postgraduate degree	159.6	*4.7	*4.0	**0.2	168.5
Graduate diploma or graduate certificate	106.0	7.2	8.8	*1.9	124.0
Bachelor degree	710.9	16.4	22.9	*4.0	754.2
Advanced diploma or diploma	246.9	36.5	57.1	10.9	351.4
Certificate III or IV	342.2	225.8	646.5	175.7	1 390.3
Certificate I or II	113.7	42.9	93.8	33.3	283.6
Certificate not further defined	36.1	11.5	17.6	*4.8	70.0
Level not determined	28.2	7.5	22.8	9.5	68.0
<b>Total</b>	<b>1 743.7</b>	<b>352.5</b>	<b>873.4</b>	<b>240.3</b>	<b>3 210.0</b>
FEMALES					
Postgraduate degree	108.9	*3.0	*2.8	**0.7	115.4
Graduate diploma or graduate certificate	156.7	8.7	9.3	*1.6	176.3
Bachelor degree	752.7	30.2	52.2	6.2	841.3
Advanced diploma or diploma	342.0	52.9	88.6	19.6	503.1
Certificate III or IV	165.8	57.6	143.3	41.6	408.4
Certificate I or II	193.0	84.8	245.3	66.9	589.9
Certificate not further defined	53.4	22.6	37.1	8.6	122.0
Level not determined	34.2	10.5	26.1	*4.1	74.8
<b>Total</b>	<b>1 806.8</b>	<b>270.2</b>	<b>604.6</b>	<b>149.3</b>	<b>2 831.2</b>
PERSONS					
Postgraduate degree	268.5	7.7	6.8	**0.8	283.9
Graduate diploma or graduate certificate	262.8	15.9	18.1	*3.6	300.3
Bachelor degree	1 463.7	46.6	75.0	10.2	1 595.5
Advanced diploma or diploma	588.9	89.4	145.7	30.6	854.6
Certificate III or IV	508.1	283.4	789.7	217.3	1 798.6
Certificate I or II	306.7	127.7	339.1	100.1	873.6
Certificate not further defined	89.6	34.1	54.6	13.4	192.1
Level not determined	62.4	18.0	48.8	13.6	142.7
<b>Total</b>	<b>3 550.5</b>	<b>622.7</b>	<b>1 477.9</b>	<b>389.6</b>	<b>6 041.2</b>

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

(a) Includes some persons who never attended school.



PERSONS STARTING OR LEAVING A COURSE OF STUDY LEADING TO A QUALIFICATION,  
Summary statistics

	NSW	Vic.	Qld	SA	WA	Tas.	NT(a)	ACT	Aust.
	'000	'000	'000	'000	'000	'000	'000	'000	'000
STARTERS (b)									
<b>Age (years) of starter at May 2001</b>									
15-19	11.8	6.3	*5.1	*1.1	*2.8	*1.2	**0.3	**0.8	29.4
20-24	42.7	21.8	14.0	6.7	8.4	*2.4	**0.5	*2.1	98.6
25-34	37.1	30.6	19.3	7.5	10.5	*3.0	**0.8	*2.5	111.4
35-44	24.9	19.7	18.7	6.4	8.6	*1.9	**0.7	*1.5	82.6
45-54	12.7	9.5	7.7	*3.4	*2.5	*0.9	**0.7	*1.6	39.0
55-64	6.5	*1.3	**0.8	*1.4	*1.6	**0.4	**0.4	**0.1	12.3
<b>Labour force status</b>									
Employed full-time	51.4	38.9	29.5	10.9	14.7	*4.3	*2.4	*5.2	157.3
Employed part-time	37.1	19.4	15.6	7.1	8.2	*2.1	**0.5	*1.9	92.0
Unemployed	10.7	*3.5	6.6	*2.5	*2.5	**0.4	**0.2	**0.6	27.0
Not in labour force	36.5	27.4	13.8	6.0	9.0	*3.0	**0.4	*0.9	97.0
<b>Sex</b>									
Males	61.7	40.0	30.4	10.6	17.7	*4.7	*1.3	*3.9	170.3
Females	74.0	49.3	35.1	15.9	16.7	*5.1	*2.1	*4.8	203.0
<b>Total</b>	<b>135.7</b>	<b>89.2</b>	<b>65.5</b>	<b>26.6</b>	<b>34.4</b>	<b>9.8</b>	<b>*3.4</b>	<b>8.7</b>	<b>373.3</b>
LEAVERS (c)									
<b>Age (years) of leaver at May 2001</b>									
15-19	45.7	32.9	42.7	13.6	22.9	*5.2	*1.9	*2.3	167.1
20-24	66.1	54.0	36.6	11.9	17.2	*4.5	*1.8	*5.3	197.5
25-34	58.0	61.4	35.9	16.4	20.4	*3.4	*3.1	*4.5	203.1
35-44	47.1	43.9	31.0	12.5	18.7	*4.3	*2.3	*2.7	162.5
45-54	35.5	26.1	18.6	11.9	11.6	*3.5	**0.9	*2.1	110.2
55-64	8.6	5.7	7.7	*2.9	*4.6	**0.5	**0.5	**0.6	31.0
<b>Labour force status</b>									
Employed full-time	166.8	141.5	90.8	40.1	55.5	12.8	7.4	11.2	526.2
Employed part-time	46.5	42.3	40.7	15.7	21.5	*4.3	*1.0	*3.0	175.1
Unemployed	26.8	19.8	26.0	7.0	9.9	*2.2	**0.5	*1.7	93.8
Not in labour force	20.8	20.5	15.1	6.5	8.4	*2.0	*1.5	*1.5	76.2
<b>Sex</b>									
Males	126.6	105.5	83.6	33.4	44.9	10.1	*5.0	8.2	417.4
Females	134.3	118.5	89.0	35.9	50.4	11.3	*5.4	9.2	454.0
<b>Total</b>	<b>260.9</b>	<b>224.0</b>	<b>172.6</b>	<b>69.3</b>	<b>95.3</b>	<b>21.4</b>	<b>10.4</b>	<b>17.4</b>	<b>871.4</b>

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

(a) Refers to mainly urban areas. For more information see paragraph 5 of the Explanatory Notes.

(b) Refers to persons who were not enrolled in a course of study leading to a qualification in 2000 but who were enrolled in a course of study leading to a qualification at May 2001.

(c) Refers to persons who were enrolled in a course of study leading to a qualification in 2000 but who were not enrolled in a course of study leading to a qualification at May 2001.

	<i>Enrolled full-time in May 2001</i>	<i>Enrolled part-time in May 2001</i>	<i>Not enrolled in May 2001</i>	<i>Total</i>
	'000	'000	'000	'000
.....				
ENROLLED FULL-TIME IN 2000				
Employed full-time in May 2001	5.7	26.8	49.0	81.4
Employed part-time in May 2001	351.9	6.4	38.6	396.9
Unemployed in May 2001	77.6	*3.5	30.6	111.7
Not in the labour force in May 2001	483.0	*2.2	18.4	503.5
<b>Total</b>	<b>918.2</b>	<b>38.8</b>	<b>136.5</b>	<b>1 093.6</b>
.....				
ENROLLED PART-TIME IN 2000				
Employed full-time in May 2001	**0.4	42.0	18.2	60.5
Employed part-time in May 2001	*1.9	*3.8	*5.1	10.8
Unemployed in May 2001	—	*1.7	*5.6	7.3
Not in the labour force in May 2001	*1.1	**0.5	*1.8	*3.4
<b>Total</b>	<b>*3.4</b>	<b>48.0</b>	<b>30.6</b>	<b>82.0</b>
.....				
NOT ENROLLED IN 2000				
Employed full-time in May 2001	**0.6	7.8	68.9	77.3
Employed part-time in May 2001	7.9	*2.8	28.1	38.8
Unemployed in May 2001	*3.0	**0.8	21.9	25.6
Not in the labour force in May 2001	6.0	**0.5	27.0	33.5
<b>Total</b>	<b>17.5</b>	<b>11.9</b>	<b>145.8</b>	<b>175.2</b>
.....				
TOTAL				
Employed full-time in May 2001	6.6	76.5	136.0	219.2
Employed part-time in May 2001	361.7	13.0	71.8	446.5
Unemployed in May 2001	80.6	6.1	58.0	144.6
Not in the labour force in May 2001	490.2	*3.2	47.1	540.4
<b>Total</b>	<b>939.1</b>	<b>98.7</b>	<b>312.9</b>	<b>1 350.7</b>

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

— nil or rounded to zero (including null cells)

(a) In this table, 'enrolled' refers to those persons in a course of study leading to an educational qualification.

	<i>Enrolled full-time in May 2001</i>	<i>Enrolled part-time in May 2001</i>	<i>Not enrolled in May 2001</i>	<i>Total</i>
	'000	'000	'000	'000
.....				
ENROLLED FULL-TIME IN 2000				
Employed full-time in May 2001	7.0	12.1	63.6	82.6
Employed part-time in May 2001	119.6	8.0	18.1	145.7
Unemployed in May 2001	15.2	*1.5	16.4	33.0
Not in the labour force in May 2001	99.8	*2.2	7.0	109.0
<i>Total</i>	241.6	23.7	105.0	370.4
.....				
ENROLLED PART-TIME IN 2000				
Employed full-time in May 2001	*2.6	69.7	69.0	141.3
Employed part-time in May 2001	*3.0	11.0	11.4	25.4
Unemployed in May 2001	*1.0	*2.1	9.5	12.6
Not in the labour force in May 2001	*1.6	*2.0	*2.5	6.1
<i>Total</i>	8.3	84.7	92.4	185.4
.....				
NOT ENROLLED IN 2000				
Employed full-time in May 2001	*2.0	27.3	456.3	485.6
Employed part-time in May 2001	22.0	8.2	83.9	114.1
Unemployed in May 2001	6.6	*3.9	69.3	79.8
Not in the labour force in May 2001	24.3	*4.3	89.1	117.7
<i>Total</i>	54.9	43.7	698.7	797.3
.....				
TOTAL				
Employed full-time in May 2001	11.6	109.1	588.9	709.6
Employed part-time in May 2001	144.7	27.2	113.4	285.3
Unemployed in May 2001	22.7	7.5	95.2	125.4
Not in the labour force in May 2001	125.7	8.5	98.6	232.8
<b>Total</b>	<b>304.7</b>	<b>152.2</b>	<b>896.2</b>	<b>1 353.1</b>

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

(a) In this table, 'enrolled' refers to those persons in a course of study leading to an educational qualification.

	AGE (YEARS) AT MAY 2001				
	15-19	20-24	25-44	45-64	Total
	'000	'000	'000	'000	'000
<b>Level of education of current study leading to a qualification</b>					
Postgraduate degree	—	*1.8	23.0	*2.7	27.5
Graduate diploma or graduate certificate	—	*4.4	20.4	*4.6	29.4
Bachelor degree	8.3	42.3	30.0	*3.2	83.8
Advanced diploma or diploma	*2.4	13.3	29.7	6.5	51.9
Certificate III or IV	9.4	13.0	30.8	7.6	60.8
Certificate I or II	*1.5	*5.1	10.8	*3.1	20.5
Certificate not further defined	*3.8	10.9	36.6	16.4	67.8
Year 12	**0.8	*2.6	*2.0	—	*5.5
Year 11	—	**0.1	—	—	**0.1
Year 10 or below	—	—	**0.3	**0.4	**0.7
Level not determined	*3.2	*5.1	10.3	6.7	25.3
<b>Main field of education of current study leading to a qualification</b>					
Natural and physical sciences	**0.5	*2.9	*4.6	*1.6	9.6
Information technology	**0.7	6.3	19.8	9.0	35.8
Engineering and related technologies	*3.2	12.5	16.3	*2.0	34.0
Architecture and building	*2.0	*5.1	*4.8	**0.6	12.4
Agriculture, environmental and related studies	*1.1	*2.5	6.3	*0.9	10.9
Health	**0.9	9.4	21.9	*3.0	35.2
Education	*1.2	7.9	14.4	*3.5	26.9
Management and commerce	6.9	21.1	54.6	13.3	96.0
Society and culture	*3.3	13.9	33.9	9.7	60.8
Creative arts	*3.5	5.8	8.5	*3.7	21.6
Food, hospitality and personal services	*3.7	*5.2	*4.2	*1.5	14.6
Mixed field programmes(b)	**0.8	*2.7	*3.0	**0.7	7.3
Field not determined	*1.6	*3.0	*1.6	*1.9	8.2
<b>Total</b>	<b>29.4</b>	<b>98.6</b>	<b>193.9</b>	<b>51.3</b>	<b>373.3</b>

— nil or rounded to zero (including null cells)

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

(a) Refers to persons who were not enrolled in a course of study leading to a qualification in 2000 but who were enrolled in a course of study leading to a qualification at May 2001.

(b) Includes persons studying for Year 12 or below.

	AGE (YEARS) AT MAY 2001				
	15-19	20-24	25-44	45-64	Total
	'000	'000	'000	'000	'000
<b>Level of education of study in 2000 leading to a qualification</b>					
Postgraduate degree	—	*5.2	30.1	11.3	46.6
Graduate diploma or graduate certificate	**0.2	*4.6	24.0	9.7	38.5
Bachelor degree	*5.0	65.2	55.3	9.5	135.1
Advanced diploma or diploma	*4.2	26.2	50.4	14.7	95.6
Certificate III or IV	19.4	52.0	66.0	27.1	164.5
Certificate I or II	10.6	12.2	23.0	12.2	58.0
Certificate not further defined	13.9	26.8	85.0	41.8	167.4
Year 12	56.9	*1.3	*2.4	**0.5	61.1
Year 11	18.3	—	**0.2	—	18.5
Year 10 or below	37.7	—	**0.2	—	37.9
Level not determined	*0.9	*3.9	29.0	14.3	48.2
<b>Main field of education of study in 2000 leading to a qualification</b>					
Natural and physical sciences	*0.9	*4.1	7.2	**0.7	12.9
Information technology	*3.0	10.7	33.6	14.6	61.8
Engineering and related technologies	10.4	32.1	39.2	11.2	92.9
Architecture and building	*3.1	10.8	10.1	*4.1	28.2
Agriculture, environmental and related studies	*3.0	9.5	9.5	*4.2	26.1
Health	**0.2	16.8	39.9	19.6	76.5
Education	**0.9	11.9	19.3	9.6	41.7
Management and commerce	15.3	40.8	118.8	42.3	217.1
Society and culture	*3.3	28.6	54.3	23.9	110.1
Creative arts	*2.5	11.6	14.4	*3.7	32.1
Food, hospitality and personal services	11.7	17.4	13.3	*3.7	46.1
Mixed field programmes(b)	112.9	*1.6	*3.8	*1.7	120.0
Field not determined	—	*1.7	*2.1	*1.9	5.7
<b>Total</b>	<b>167.1</b>	<b>197.5</b>	<b>365.6</b>	<b>141.2</b>	<b>871.4</b>

— nil or rounded to zero (including null cells)

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

(a) Refers to persons who were enrolled in a course of study leading to a qualification in 2000 but who were not enrolled in a course of study leading to a qualification at May 2001.

(b) Includes persons studying for Year 12 or below.

Level of education of current study	LABOUR FORCE STATUS				Total
	Employed	Unemployed	Labour force	Not in labour force	
	'000	'000	'000	'000	'000
.....					
LAST ATTENDED A GOVERNMENT SCHOOL					
Enrolled in May 2001					
Study leading to a qualification					
Bachelor degree or higher	18.2	*3.9	22.1	16.9	39.1
Advanced diploma or diploma	7.0	**0.8	7.8	5.2	13.1
Certificate III or IV	15.1	*1.0	16.0	*2.3	18.3
Certificate I or II	*3.4	*1.3	*4.8	*1.6	6.3
Certificate not further defined	6.5	*1.8	8.3	*3.8	12.1
Year 12	*1.2	—	*1.2	**0.8	*2.0
Year 11	**0.2	—	**0.2	**0.2	**0.4
Year 10 or below	—	**0.7	**0.7	**0.4	*1.1
Level not determined	*2.2	**0.5	*2.7	*2.5	*5.2
Total	54.0	10.0	63.9	33.7	97.6
Study not leading to a qualification					
Total	*1.5	—	*1.5	*1.1	*2.6
Not enrolled in May 2001	50.8	20.1	70.9	12.5	83.4
Total	106.3	30.0	136.3	47.3	183.6
.....					
LAST ATTENDED A NON-GOVERNMENT SCHOOL					
Enrolled in May 2001					
Study leading to a qualification					
Bachelor degree or higher	22.1	*2.9	25.0	14.6	39.5
Advanced diploma or diploma	*3.7	*1.1	*4.8	*2.7	7.5
Certificate III or IV	*2.3	**0.2	*2.5	*1.3	*3.8
Certificate I or II	*1.7	**0.3	*2.1	**0.7	*2.8
Certificate not further defined	*3.3	**0.3	*3.6	*1.3	*4.9
Year 12	—	—	—	*0.8	*0.8
Year 11	—	—	—	—	—
Year 10 or below	—	—	—	—	—
Level not determined	*1.9	**0.4	*2.3	**0.8	*3.1
Total	35.1	*5.1	40.3	22.2	62.5
Study not leading to a qualification					
Total	*0.9	—	*0.9	—	*0.9
Not enrolled in May 2001	17.5	*3.9	21.4	*3.2	24.6
Total	53.6	9.0	62.6	25.4	88.0

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

— nil or rounded to zero (including null cells)

(a) Persons who attended school at some time in 2000 and left school before May 2001.

Level of education of current study	LABOUR FORCE STATUS				Total
	Employed	Unemployed	Labour force	Not in labour force	
	'000	'000	'000	'000	'000
TOTAL ATTENDED SCHOOL IN 2000					
Enrolled in May 2001					
Study leading to a qualification					
Bachelor degree or higher	40.3	6.8	47.1	31.5	78.6
Advanced diploma or diploma	10.8	*1.9	12.6	7.9	20.5
Certificate III or IV	17.4	*1.1	18.5	*3.6	22.2
Certificate I or II	*5.2	*1.7	6.9	*2.3	9.2
Certificate not further defined	9.9	*2.0	11.9	*5.1	17.0
Year 12	*1.2	—	*1.2	*1.6	*2.8
Year 11	**0.2	—	**0.2	**0.2	**0.4
Year 10 or below	—	**0.7	**0.7	**0.4	*1.1
Level not determined	*4.2	**0.9	*5.1	*3.3	8.3
Total	89.1	15.1	104.2	55.9	160.1
Study not leading to a qualification					
Total	*2.4	—	*2.4	*1.1	*3.5
Not enrolled in May 2001	68.3	23.9	92.3	15.7	108.0
<b>Total</b>	<b>159.9</b>	<b>39.0</b>	<b>198.9</b>	<b>72.7</b>	<b>271.6</b>

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

— nil or rounded to zero (including null cells)

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

(a) Persons who attended school at some time in 2000 and left school before May 2001.

## LABOUR FORCE STATUS

Level of education of current study	LABOUR FORCE STATUS		Labour force	Not in labour force	Total
	Employed	Unemployed			
	'000	'000	'000	'000	'000
COMPLETED YEAR 12					
Enrolled in May 2001					
Study leading to a qualification					
Bachelor degree or higher	40.3	6.8	47.1	31.5	78.6
Advanced diploma or diploma	10.0	*1.5	11.5	6.8	18.3
Certificate III or IV	7.1	**0.7	7.7	*2.2	9.9
Certificate I or II	*3.1	*1.2	*4.3	*1.3	*5.6
Certificate not further defined	7.9	**0.5	8.3	*4.1	12.5
Year 12	**0.5	—	**0.5	—	**0.5
Year 11	—	—	—	—	—
Year 10 or below	—	—	—	—	—
Level not determined	*3.2	—	*3.2	*2.0	5.2
Total	72.1	10.6	82.6	47.9	130.5
Study not leading to a qualification	*1.5	—	*1.5	—	*1.5
Total	73.5	10.6	84.1	47.9	132.0
Not enrolled in May 2001	40.2	8.7	49.0	*4.5	53.5
Total	113.8	19.3	133.1	52.4	185.5

## COMPLETED YEAR 11 OR LOWER

Enrolled in May 2001					
Study leading to a qualification					
Bachelor degree or higher	—	—	—	—	—
Advanced diploma or diploma	**0.8	**0.4	*1.2	*1.1	*2.3
Certificate III or IV	10.3	**0.5	10.8	*1.5	12.3
Certificate I or II	*2.0	**0.5	*2.6	*1.1	*3.6
Certificate not further defined	*2.0	*1.6	*3.6	*1.0	*4.5
Year 12	**0.7	—	**0.7	*1.6	*2.3
Year 11	**0.2	—	**0.2	**0.2	**0.4
Year 10 or below	—	**0.7	**0.7	**0.4	*1.1
Level not determined	1.0	*0.9	*1.9	*1.3	*3.1
Total	17.0	*4.5	21.6	8.0	29.5
Study not leading to a qualification	*1.0	—	*1.0	*1.1	*2.0
Total	18.0	*4.5	22.5	9.1	31.6
Not enrolled in May 2001	28.1	15.2	43.3	11.2	54.5
Total	46.1	19.7	65.8	20.2	86.1

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

— nil or rounded to zero (including null cells)

(a) Persons who attended school at some time in 2000 and left school before May 2001.



Level of education of current study	LABOUR FORCE STATUS				Total
	Employed	Unemployed	Labour force	Not in labour force	
	'000	'000	'000	'000	'000
TOTAL ATTENDED SCHOOL IN 2000					
Enrolled in May 2001					
Study leading to a qualification					
Bachelor degree or higher	40.3	6.8	47.1	31.5	78.6
Advanced diploma or diploma	10.8	*1.9	12.6	7.9	20.5
Certificate III or IV	17.4	*1.1	18.5	*3.6	22.2
Certificate I or II	*5.2	*1.7	6.9	*2.3	9.2
Certificate not further defined	9.9	*2.0	11.9	*5.1	17.0
Year 12	*1.2	—	*1.2	*1.6	*2.8
Year 11	**0.2	—	**0.2	**0.2	**0.4
Year 10 or below	—	**0.7	**0.7	**0.4	*1.1
Level not determined	*4.2	*0.9	*5.1	*3.3	8.3
Total	89.1	15.1	104.2	55.9	160.1
Study not leading to a qualification	*2.4	—	*2.4	*1.1	*3.5
Total	91.5	15.1	106.6	57.0	163.6
Not enrolled in May 2001	68.3	23.9	92.3	15.7	108.0
<b>Total</b>	<b>159.9</b>	<b>39.0</b>	<b>198.9</b>	<b>72.7</b>	<b>271.6</b>

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

— nil or rounded to zero (including null cells)

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

(a) Persons who attended school at some time in 2000 and left school before May 2001.

## LABOUR FORCE STATUS

	Employed full-time	Employed part-time	Employed total	Unemployed	Labour force	Not in labour force	Total
	'000	'000	'000	'000	'000	'000	'000
AGED 15 TO 19 YEARS							
Applied to enrol for 2001	95.0	386.2	481.3	93.3	574.5	500.4	1 074.9
Studying in May 2001	84.0	377.9	461.9	87.0	548.9	496.1	1 044.9
Gained placement but deferred study	7.8	6.8	14.6	*4.8	19.5	*2.2	21.7
Study would lead to an educational qualification	7.1	6.2	13.3	*4.8	18.1	*1.7	19.9
Higher education	*3.4	*2.4	5.9	*1.2	7.0	**0.6	7.6
TAFE	*3.1	*2.5	*5.6	*2.7	8.3	**0.5	8.8
Other	**0.6	*1.2	*1.8	*0.9	*2.8	**0.6	*3.4
Study would not lead to an educational qualification	**0.8	**0.6	*1.4	—	*1.4	**0.5	*1.9
Unable to gain placement	*3.2	*1.5	*4.7	*1.4	6.2	*2.0	8.2
Study would lead to an educational qualification	*3.0	*1.5	*4.6	*1.2	5.8	*2.0	7.7
Higher education	**0.7	**0.5	*1.2	—	*1.2	—	*1.2
TAFE	*2.3	*1.0	*3.3	*1.2	*4.5	*1.2	5.7
Other	—	—	—	—	—	**0.8	**0.8
Study would not lead to an educational qualification	**0.2	—	**0.2	**0.2	**0.4	**0.1	**0.5
Did not apply to enrol in 2001	124.1	60.2	184.4	51.4	235.8	40.1	275.8
<b>Total</b>	<b>219.2</b>	<b>446.5</b>	<b>665.6</b>	<b>144.6</b>	<b>810.3</b>	<b>540.4</b>	<b>1 350.7</b>

## AGED 20 TO 24 YEARS

Applied to enrol for 2001	148.5	183.5	332.0	36.6	368.5	143.2	511.8
Studying in May 2001	126.9	173.7	300.6	31.8	332.3	138.0	470.3
Gained placement but deferred study	13.9	6.0	20.0	*3.7	23.7	*3.3	26.9
Study would lead to an educational qualification	12.3	6.0	18.4	*3.7	22.1	*3.1	25.2
Higher education	*4.6	*2.8	7.5	**0.2	7.6	*2.1	9.8
TAFE	6.7	*2.3	9.1	*2.8	11.9	*1.0	12.9
Other	*1.0	**0.9	*1.8	**0.7	*2.5	—	*2.5
Study would not lead to an educational qualification	*1.6	—	*1.6	—	*1.6	**0.2	*1.8
Unable to gain placement	7.7	*3.8	11.4	*1.1	12.5	*1.9	14.5
Study would lead to an educational qualification	7.0	*3.8	10.7	**0.8	11.6	*1.9	13.5
Higher education	*2.8	*3.2	6.0	**0.7	6.7	**0.6	7.3
TAFE	*2.2	**0.5	*2.7	—	*2.7	*1.3	*4.0
Other	*2.0	—	*2.0	**0.1	*2.2	—	*2.2
Study would not lead to an educational qualification	**0.7	—	**0.7	**0.3	*1.0	—	*1.0
Did not apply to enrol in 2001	561.1	101.8	662.9	88.8	751.7	89.6	841.3
<b>Total</b>	<b>709.6</b>	<b>285.3</b>	<b>994.9</b>	<b>125.4</b>	<b>1 120.3</b>	<b>232.8</b>	<b>1 353.1</b>

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

— nil or rounded to zero (including null cells)

## LABOUR FORCE STATUS

	<i>Employed full-time</i>	<i>Employed part-time</i>	<i>Employed total</i>	<i>Unemployed</i>	<i>Labour force</i>	<i>Not in labour force</i>	<i>Total</i>
	'000	'000	'000	'000	'000	'000	'000
AGED 25 TO 64 YEARS							
Applied to enrol for 2001	499.2	197.6	696.8	56.6	753.4	212.9	966.3
Studying in May 2001	406.5	161.3	567.8	42.6	610.4	185.4	795.8
Gained placement but deferred study	66.1	23.6	89.7	6.8	96.5	17.4	113.9
Study would lead to an educational qualification	48.2	16.8	65.0	5.7	70.6	10.2	80.8
Higher education	19.4	5.7	25.1	**0.6	25.7	*2.9	28.6
TAFE	16.2	6.2	22.4	*4.0	26.4	*4.3	30.7
Other	12.5	*4.9	17.4	*1.1	18.5	*3.0	21.5
Study would not lead to an educational qualification	17.9	6.9	24.7	*1.1	25.9	7.3	33.1
Unable to gain placement	26.6	12.6	39.3	7.2	46.4	10.1	56.5
Study would lead to an educational qualification	20.5	11.0	31.5	6.3	37.8	8.2	45.9
Higher education	7.4	*2.7	10.1	*1.0	11.1	*1.7	12.8
TAFE	8.2	6.5	14.7	*4.7	19.5	*5.4	24.9
Other	*4.9	*1.7	6.6	**0.6	7.3	*1.0	8.3
Study would not lead to an educational qualification	6.1	*1.6	7.8	**0.9	8.7	*1.9	10.6
Did not apply to enrol in 2001	5 073.7	1 496.0	6 569.7	339.5	6 909.3	2 209.1	9 118.3
<b>Total</b>	<b>5 573.0</b>	<b>1 693.5</b>	<b>7 266.5</b>	<b>396.1</b>	<b>7 662.6</b>	<b>2 421.9</b>	<b>10 084.6</b>

## TOTAL

Applied to enrol for 2001	742.8	767.2	1 510.0	186.4	1 696.5	856.4	2 552.9
Studying in May 2001	617.4	712.9	1 330.3	161.4	1 491.6	819.5	2 311.1
Gained placement but deferred study	87.8	36.5	124.3	15.3	139.7	22.9	162.6
Study would lead to an educational qualification	67.6	29.0	96.6	14.2	110.8	15.0	125.8
Higher education	27.5	11.0	38.4	*2.0	40.4	*5.6	46.0
TAFE	26.0	11.1	37.1	9.5	46.6	5.8	52.4
Other	14.1	7.0	21.1	*2.7	23.8	*3.6	27.4
Study would not lead to an educational qualification	20.2	7.5	27.7	*1.1	28.8	8.0	36.8
Unable to gain placement	37.5	17.9	55.4	9.7	65.2	14.0	79.2
Study would lead to an educational qualification	30.5	16.3	46.7	8.4	55.1	12.0	67.2
Higher education	10.9	6.5	17.4	*1.7	19.0	*2.3	21.4
TAFE	12.6	8.1	20.7	6.0	26.7	7.9	34.6
Other	7.0	*1.7	8.7	**0.7	9.4	*1.8	11.2
Study would not lead to an educational qualification	7.0	*1.6	8.7	*1.3	10.0	*2.0	12.0
Did not apply to enrol in 2001	5 758.9	1 658.0	7 417.0	479.7	7 896.7	2 338.7	10 235.4
<b>Total</b>	<b>6 501.7</b>	<b>2 425.3</b>	<b>8 927.0</b>	<b>666.2</b>	<b>9 593.2</b>	<b>3 195.1</b>	<b>12 788.3</b>

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

	1991	1996	1999	2000	2001
	'000	'000	'000	'000	'000
<b>Sex</b>					
Males	122.2	111.4	115.5	121.9	118.2
Females	17.0	14.9	16.6	16.3	17.3
<b>Age (years)</b>					
15-19	90.2	67.8	73.5	72.1	74.1
20-24	45.2	54.5	47.5	56.4	51.1
25-64	3.7	4.0	11.2	9.7	10.3
<b>Industry</b>					
Manufacturing	na	30.5	27.5	27.9	23.1
Construction	na	27.5	33.4	40.5	41.0
Wholesale and retail trade	na	28.3	32.8	35.2	31.4
Accommodation, cafes and restaurants	na	8.8	11.2	9.7	12.5
Cultural, recreational, personal and other services	na	10.6	11.0	12.1	12.2
Other	na	20.6	16.3	12.8	15.1
<b>Field of trade</b>					
Metal Fitting and machining; other metal	19.5	18.5	23.7	20.2	17.0
Electrical and electronics	21.0	18.5	12.5	21.1	16.1
Building	25.5	23.8	28.3	30.4	31.1
Vehicle	24.9	21.9	18.0	22.2	22.0
Food	11.3	14.0	10.6	12.8	14.1
Hairdressing	10.9	7.8	8.9	10.1	10.5
Other	26.1	21.9	30.2	21.3	24.7
<b>Commencement of apprenticeship</b>					
Commenced in the last 12 months	24.2	36.9	46.2	50.3	46.4
Commenced more than 12 months ago	115.0	89.4	85.9	88.0	89.0
<b>Total</b>	<b>139.1</b>	<b>126.3</b>	<b>132.2</b>	<b>138.2</b>	<b>135.4</b>

na not available

## EXPLANATORY NOTES

### INTRODUCTION

**1** The statistics in this publication were compiled from data collected in the Survey of Education and Work (SEW) that was conducted throughout Australia in May 2001 as a supplement to the monthly Labour Force Survey (LFS).

Respondents to the LFS who fell within the scope of the supplementary survey were asked further questions.

**2** The additional output from the supplementary survey provides a range of key indicators relating to the educational participation and attainment of the population aged 15–64 years along with data on people's transition between education and work. The annual time series allows for ongoing monitoring and provides a link with the more detailed range of educational indicators available from the four yearly Surveys of Education and Training. Specifically, the supplementary survey provides information on: people presently participating in education; levels of educational attainment, including highest and most recent educational attainment; characteristics of people's transition between education and work; and data on apprentices.

**3** From April 2001 the LFS has been conducted using a redesigned questionnaire containing additional questions and some minor definitional changes. These changes also affect the supplementary surveys. For further details, see *Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire* (Cat. no. 6295.0) and *Information Paper: Questionnaires Used in the Labour Force Survey* (Cat. no. 6232.0).

### 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 80,000 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. Approximately 19,200 boarding school pupils aged 15 years or more were included in the survey. However, limited information was collected for these students, in particular, details are not available for country of birth or level of school study.

### COVERAGE

**6** In the LFS, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of selection. See *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 education appearing in this publication are from the *Australian Standard Classification of Education (ASCED), 2001* (Cat. no. 1272.0).

## EXPLANATORY NOTES *continued*

### DEFINITIONS *continued*

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

### CLASSIFICATION OF EDUCATION

**10** In 2001, the *ABS Standard Classification of Qualifications (ABSCQ)* (Cat no. 1262.0) was replaced by the *Australian Standard Classification of Education (ASCED)* (Cat. no. 1272.0). The ASCED is a new national standard classification which can be applied to all sectors of the Australian education system including schools, Vocational Education and Training and Higher Education. It replaces a number of classifications previously used in administrative and statistical systems, including the ABSCQ. The ASCED comprises two classifications: Level of Education and Field of Education.

**11** The structure of ASCED Level of Education has three levels:

- broad level;
- narrow level; and
- detailed level.

**12** Level of Education is defined as a function of the quality and quantity of learning involved in an educational activity. There are nine broad levels, 15 narrow levels and 64 detailed levels. For definitions of these levels see the *Australian Standard Classification of Education (ASCED), 2001* (Cat. no. 1272.0).

**13** The relationship between categories in the Level of Education classification should be essentially ordinal. In other words, educational activities at Broad Level 1 Postgraduate Degree should be at a higher level than those at the Broad Level 2 Graduate Diploma and Graduate Certificate and so on. However, when this idea is applied to the reality of educational provision in Australia, it is not always possible to assert that an ordinal relationship exists among the various levels of education.

**14** This is particularly evident in the case of the relationship between Certificates I–IV in Broad Level 5 Certificate Level, and School Education included in Broad Level 6 Secondary Education. In this instance, the level of education associated with secondary education may range from satisfying the entry requirements for admission to a university degree course, to the completion of units in basic literacy, numeracy and life skills. Educational activity in these categories may therefore be of an equal, higher or lower level than Certificates found in Broad Level 5, Certificate Level.

**15** Level of Highest Educational Attainment can be derived when questions on Highest Year of School Completed and Level of Highest Non-school Qualification are asked, and there is a requirement for a single measure of attainment rather than data items representing responses to both of these questions. The derivation process determines which of the 'non-school' or 'school' attainments will be regarded as the higher. Usually the higher ranking attainment will be self-evident but in some cases some Secondary Education is regarded, for the purposes of obtaining a single measure, as higher than some Certificate level attainments.

**16** The following decision table is used to determine which of the responses to questions on Highest Year of School Completed and Level of Highest Non-school Qualification which have been coded to Broad ASCED Level of Education 5 and 6 will be regarded as the highest. It is emphasised that this table is solely for the purpose of obtaining a single value for the output variable Level of Highest Educational Attainment and is not intended to convey any other ordinality.

## EXPLANATORY NOTES *continued*

Australian Standard Level of Education (ASCED)	Certificate not further defined (500)	Certificate III or IV not further defined (510)	Certificate IV (511)	Certificate III (514)	Certificate I or II not further defined (520)	Certificate II (521)	Certificate I (524)
<b>Secondary Education not further defined (600)</b>	Certificate not further defined	Certificate III or IV not further defined	Certificate IV	Certificate III	Certificate II or I not further defined	Certificate II	Certificate I
<b>Senior Secondary Education not further defined (610)</b>	Senior Secondary not further defined	Certificate III or IV not further defined	Certificate IV	Certificate III	Senior Secondary not further defined	Senior Secondary not further defined	Senior Secondary not further defined
<b>Year 12 (612)</b>	Year 12	Certificate III or IV not further defined	Certificate IV	Certificate III	Year 12	Year 12	Year 12
<b>Year 11 (613)</b>	Year 11	Certificate III or IV not further defined	Certificate IV	Certificate III	Year 11	Year 11	Year 11
<b>Junior Secondary Education not further defined (620)</b>	Certificate not further defined	Certificate III or IV not further defined	Certificate IV	Certificate III	Certificate I or II not further defined	Certificate II	Certificate I
<b>Year 10 (621)</b>	Year 10	Certificate III or IV not further defined	Certificate IV	Certificate III	Year 10	Certificate II	Year 10
<b>Year 9 (622)</b>	Certificate not further defined	Certificate III or IV not further defined	Certificate IV	Certificate III	Certificate I or II not further defined	Certificate II	Certificate I
<b>Year 8 (623)</b>	Certificate not further defined	Certificate III or IV not further defined	Certificate IV	Certificate III	Certificate I or II not further defined	Certificate II	Certificate I
<b>Year 7 (624)</b>	Certificate not further defined	Certificate III or IV not further defined	Certificate IV	Certificate III	Certificate I or II not further defined	Certificate II	Certificate I

### CLASSIFICATION OF EDUCATION *continued*

**17** The decision table is used to rank the information provided in a survey about the qualifications and attainments of a single individual. It does not represent any basis for comparison between differing qualifications. For example, a person who responded to the Standard Question Module for Highest Year of School Completed with "Year 12", and who also indicated that their Level of Highest Non-school Educational Attainment was "Certificate III" would have those responses crosschecked on the decision table and would as a result have their Level of Highest Educational Attainment output as "Certificate III". For most statistical purposes, this is a more useful outcome. However, if their response to Level of Highest Non-school Educational Attainment had been "Certificate", it would be crosschecked against "Year 12" on the decision table as "Certificate not further defined" and the output would be "Year 12". Neither result implies that one qualification is 'higher' than the other.

**18** The structure of ASCED Field of Education has three levels:

- broad field;
- narrow field; and
- detailed field.

**19** There are 12 broad fields, 71 narrow fields and 356 detailed fields. For definitions of these fields see the *Australian Standard Classification of Education (ASCED), 2001* (Cat. no. 1272.0).

**20** Field of Education in ASCED is defined as the subject matter of an educational activity. Fields of education are related to each other through the similarity of subject matter, through the broad purpose for which the education is undertaken, and through the theoretical content which underpins the subject matter.

## EXPLANATORY NOTES *continued*

- CLASSIFICATION OF INDUSTRY
- 21** Industry data have been classified according to the Australian and New Zealand Standard Industrial Classification (ANZSIC), a detailed description of which appears in *Australian and New Zealand Standard Industrial Classification (ANZSIC), 1993* (Cat. no. 1292.0). ANZSIC classifies businesses according to their economic activities, in a structure consisting of four levels (Division, Subdivision, Group and Class).
- CLASSIFICATION OF OCCUPATION
- 22** Occupation data have been classified according to the Australian Standard Classification of Occupations (ASCO), a detailed description of which appears in *Australian Standard Classification of Occupations, Second Edition* (Cat. no. 1220.0). ASCO is a skill-based classification of occupations. 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.
- ESTIMATION PROCEDURE
- 23** Estimates are derived 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.
- 24** Estimates in this publication are subject to sampling and non-sampling error. For more information refer to the Technical Note.
- NEW PUBLICATION TITLE
- 25** Previously, this publication was titled *Transition from Education to Work, Australia* (Cat. no. 6227.0).
- PREVIOUS SURVEYS
- 26** Due to differences in the method of estimation used in this supplementary survey and that used in the LFS, there are some small variations between estimates in this publication and those in the corresponding issue of *Labour Force, Australia* (Cat. no. 6203.0).
- 27** 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.
- 28** 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.
- NEXT SURVEY
- 29** The ABS plans to conduct this survey again in May 2002.
- ACKNOWLEDGMENTS
- 30** ABS publications draw extensively on information provided freely by individuals, businesses, governments and other organisations. Their continued cooperation is very much appreciated: without it, the wide range of statistics published by the ABS would not be available. Information received by the ABS is treated in strict confidence as required by the *Census and Statistics Act 1905*.
- DATA AVAILABLE ON REQUEST
- 31** As well as the statistics included in this publication, the ABS may have other relevant data available. For example, data are available on request at the broad, narrow and detailed Level of Education and Field of Education categories. Occupation data are available at the Major, Sub-Major, Minor and Unit Group Level. Industry data are available at the Division, Subdivision and Group level. Inquiries should be made to James Ashburner by email at james.ashburner@abs.gov.au or on Canberra 02 6252 7934 or facsimile 02 6252 8013.



## EXPLANATORY NOTES *continued*

### RELATED PUBLICATIONS

#### **32** 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. Available on the ABS website <URL:<http://www.abs.gov.au>>.

*Education and Training Experience* (Cat. no. 6278.0) — issued 4 yearly, latest issue 1997, released in November 1998. The 2001 edition is expected to be released at the end of May 2002.

*Education and Training in Australia* (Cat. no. 4224.0) — issued irregularly, final issue: November 1999.

*Education and Training Indicators, Australia* (Cat. no. 4230.0) — issued biennially, first issue (2002) expected to be released November 2002.

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

*Schools, Australia* (Cat. no. 4221.0) — issued annually, latest issue 2001, released in February 2002.

**33** 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 web site <URL:<http://www.abs.gov.au>>.

## APPENDIX 1 POPULATIONS AND DATA ITEMS LIST

---

The ABS has a range of data available on request from the Survey of Education and Work. This section lists the data items and populations which relate to the survey. More detailed breakdowns of some data items may also be available on request.

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

For more information about the ABS data available on request, contact James Ashburner by email at [james.ashburner@abs.gov.au](mailto:james.ashburner@abs.gov.au) or on Canberra 02 6252 7934 or facsimile 02 6252 8013.

<b>Population 1</b>	Persons aged 15–64 including boarding school pupils (BSP) but excluding institutionalised persons or persons permanently unable to work.
<b>Population 2</b>	Persons aged 15–64 who attended an educational institution in 2000.
<b>Population 3</b>	Persons aged 15–64 who attended school in 2000.
<b>Population 4</b>	Persons aged 15–64 who attended a tertiary institution in 2000.
<b>Population 5</b>	Leavers from full-time education (aged 15–64) at May 2001.
<b>Population 6</b>	Persons aged 15–64 attending an educational institution in May 2001.
<b>Population 7</b>	Persons aged 15–64 attending a tertiary institution in May 2001.
<b>Population 8</b>	Persons aged 15–64 who have a non-school qualification.
<b>Population 9</b>	Persons aged 15–24 who attended school in 2000 but were not attending school in May 2001.
<b>Population 10</b>	Employed persons aged 15–54 who were apprentices in May 2001.
<b>Population 11</b>	Persons aged 15–64 who were not enrolled for an educational qualification in 2000 but who were enrolled for an educational qualification in May 2001.
<b>Population 12</b>	Persons aged 15–64 who were enrolled for an educational qualification in 2000 but who were not enrolled for an educational qualification in May 2001.
<b>Population 13</b>	Persons aged 15–64 who were enrolled for a qualification in 2000.
<b>Population 14</b>	Persons aged 15–64 who were enrolled for a qualification in May 2001.
<b>Population 15</b>	Employed persons aged 15–64.
<b>Population 16</b>	Unemployed persons aged 15–64.

## APPENDIX 1 POPULATIONS AND DATA ITEMS LIST *continued*

Data Items .....	Populations	Data Items .....	Populations
<b>1 State or Territory of usual residence</b>	<b>All</b>	<b>7B Country of birth (2)</b>	<b>All</b>
New South Wales		Born in Australia	
Victoria		Born overseas	
Queensland		Oceania and Antarctica	
South Australia		New Zealand	
Western Australia		Europe and the Former USSR	
Tasmania		Former Yugoslav Republics	
Northern Territory		Germany	
Australian Capital Territory		Greece	
<b>2 Area of usual residence</b>	<b>All</b>	Italy	
Capital city		Netherlands	
Balance of State/Territory		Poland	
<b>3 Region of usual residence</b>	<b>All</b>	United Kingdom and Ireland	
Standard labour force dissemination regions		North Africa and the Middle East	
<b>4 Sex</b>	<b>All</b>	Lebanon	
Males		Southeast Asia	
Females		Malaysia	
<b>5 Marital status</b>	<b>All</b>	Philippines	
Married		Viet Nam	
Not married		Northeast Asia	
<b>6 Relationship in household</b>	<b>All</b>	Southern and Central Asia	
Family member		Americas	
Husband, wife or partner		Sub-Saharan Africa	
With dependants		Other	
Without dependants		India	
Lone parent		Not asked (BSP)	
With dependants		<b>8 Period of arrival</b>	<b>All</b>
Without dependants		Born in Australia	
Dependent student		Born overseas	
Non-dependent child		Arrived before 1961	
Other family person		Arrived 1961–1970	
Non-family member		Arrived 1971–1980	
Lone person		Arrived 1981–1990	
Not living alone		Arrived 1991–2000	
Not determined		Arrived 2001	
<b>7A Country of birth (1)</b>	<b>All</b>	Not asked (BSP)	
Born in Australia		<b>9 Age group (years)</b>	<b>All</b>
Born overseas		15–19	
Born in main English-speaking countries(a)		20–24	
Born in other countries		25–34	
Not asked (BSP)		35–44	
(a) Comprises UK and Ireland, N.Z., Canada, USA and South Africa		45–54	
		55–59	
		60–64	
		Note: Other age units or groups as specified and appropriate for the populations are available	
		<b>10 Labour force status</b>	<b>1–9, 11–14</b>
		Labour force	
		Employed	
		Full-time workers	
		Part-time workers	
		Unemployed	
		Looking for full-time work	
		Looking for part-time work	
		Not in the labour force	
		Unemployment rate	
		Participation rate	

## APPENDIX 1 POPULATIONS AND DATA ITEMS LIST *continued*

Data Items .....	Populations	Data Items .....	Populations
<b>11 Labour force status of leavers</b> Attended school full-time in 2000 Labour force Employed Unemployed Not in labour force Attended tertiary full-time in 2000 Labour force Employed Unemployed Not in the labour force	5	<b>17 Duration of unemployment</b> 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	16
<b>12 Status of workers</b> Wage or salary earner Other	15	<b>18 Whether attended an educational institution, type of institution and type of attendance in 2000</b> Attended in 2000 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 2000	1
<b>13 Occupation</b> 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 Note: While individual four digit occupations are collected, such data is usually subject to very high standard errors	15		
<b>14 Occupation of last full-time job</b> (Categories and codes are the same as those listed above in variable 13 plus the following) Last full-time job less than two years ago Last full-time job two years or more ago Never had a full-time job	16		
<b>15 Industry</b> Agriculture, forestry and fishing Mining Manufacturing Electricity, gas and water supply Construction Wholesale trade Retail trade Accommodation, cafes and restaurants Transport and storage Communication service Finance and insurance Property and business services Government administration and defence Education Health and community services Cultural and recreational services Personal and other services Note: While individual three digit industries are collected, such data is usually subject to very high standard errors.	15		
<b>16 Industry of last full-time job</b> (Categories and codes are the same as those listed above in variable 15 above plus the following) Last full-time job less than two years ago Last full-time job two years or more ago Had never had a full-time job	16		
		<b>19A Whether attended an educational institution and level of education of study in 2000 (ASCED)</b> Attended in 2000 Study leading to qualification Postgraduate degree Graduate diploma or graduate certificate Bachelor degree Advanced diploma or diploma Certificate III or IV Certificate I or II Certificate n.f.d. Year 12 Year 11 Year 10 or below Level not determined Other education Study not leading to a qualification Did not attend in 2000	1, 6-8, 14

## APPENDIX 1 POPULATIONS AND DATA ITEMS LIST *continued*

Data Items .....	Populations	Data Items .....	Populations
<p><b>19B Whether attended an educational institution and level of course in 2000 (ABSCQ)</b></p> <ul style="list-style-type: none"> <li>Attended recognised study in 2000                             <ul style="list-style-type: none"> <li>Higher degree</li> <li>Postgraduate diploma</li> <li>Bachelor degree</li> <li>Undergraduate diploma</li> <li>Skilled vocational course</li> <li>Basic vocational course</li> <li>Secondary school course</li> </ul> </li> <li>Attended non-recognised study in 2000                             <ul style="list-style-type: none"> <li>Level not stated/uncodeable</li> <li>Study not for a qualification</li> </ul> </li> <li>Did not attend in 2000</li> </ul>	<p><b>1, 6–8, 14</b></p>	<p><b>22 Whether attended an educational institution and type of attendance in 2000, whether attending full-time education in May 2001 and labour force status</b></p> <ul style="list-style-type: none"> <li>Attended an educational institution in 2000                             <ul style="list-style-type: none"> <li>Attended full-time in 2000                                     <ul style="list-style-type: none"> <li>Attending full-time education in May 2001</li> </ul> </li> <li>Leavers                                     <ul style="list-style-type: none"> <li>Employed   <ul style="list-style-type: none"> <li>Full-time workers</li> <li>Part-time workers</li> </ul> </li> <li>Unemployed   <ul style="list-style-type: none"> <li>Not in labour force</li> </ul> </li> </ul> </li> </ul> </li> <li>Attended part-time in 2000                             <ul style="list-style-type: none"> <li>Attending an educational institution in May 2001                                     <ul style="list-style-type: none"> <li>Full-time</li> <li>Part-time</li> </ul> </li> <li>Not attending an educational institution in May 2001</li> </ul> </li> <li>Did not attend an educational institution in 2000</li> </ul>	<p><b>1, 6–8</b></p>
<p><b>20A Main field of education of study in 2000 (ASCED)</b></p> <ul style="list-style-type: none"> <li>Study leading to a qualification                             <ul style="list-style-type: none"> <li>Natural and physical sciences</li> <li>Information technology</li> <li>Engineering and related technologies</li> <li>Architecture and building</li> <li>Agriculture, environmental and related studies</li> <li>Health</li> <li>Education</li> <li>Management and commerce</li> <li>Society and culture</li> <li>Creative arts</li> <li>Food, hospitality and personal services</li> <li>Mixed field programmes</li> <li>Field not determined</li> </ul> </li> <li>Study not leading to a qualification</li> </ul>	<p><b>2, 4–5, 12–13</b></p>	<p><b>23 Whether attending an educational institution, type of institution and type of attendance in May 2001</b></p> <ul style="list-style-type: none"> <li>Attending in May 2001                             <ul style="list-style-type: none"> <li>School                                     <ul style="list-style-type: none"> <li>Full-time</li> <li>Part-time</li> </ul> </li> <li>Tertiary                                     <ul style="list-style-type: none"> <li>Full-time</li> <li>Part-time</li> </ul> </li> <li>Higher education                                     <ul style="list-style-type: none"> <li>Full-time</li> <li>Part-time</li> </ul> </li> <li>TAFE                                     <ul style="list-style-type: none"> <li>Full-time</li> <li>Part-time</li> </ul> </li> <li>Business college                                     <ul style="list-style-type: none"> <li>Full-time</li> <li>Part-time</li> </ul> </li> <li>Industry skills centre                                     <ul style="list-style-type: none"> <li>Full-time</li> <li>Part-time</li> </ul> </li> <li>Other                                     <ul style="list-style-type: none"> <li>Full-time</li> <li>Part-time</li> </ul> </li> <li>Total                                     <ul style="list-style-type: none"> <li>Full-time</li> <li>Part-time</li> </ul> </li> </ul> </li> <li>Not attending in May 2001</li> </ul>	<p><b>1</b></p>
<p><b>20B Main field of study in 2000 (ABSCQ)</b></p> <ul style="list-style-type: none"> <li>Business administration</li> <li>Health</li> <li>Education</li> <li>Society and culture</li> <li>Natural and physical science</li> <li>Engineering</li> <li>Architecture and building</li> <li>Agriculture and related fields</li> <li>Miscellaneous fields</li> <li>Not stated/inadequately described</li> </ul>	<p><b>4</b></p>		
<p><b>21 Status of course of study undertaken in 2000</b></p> <ul style="list-style-type: none"> <li>Completed qualification studied for in 2000                             <ul style="list-style-type: none"> <li>Identified as highest qualification obtained</li> <li>Identified as not highest qualification obtained</li> </ul> </li> <li>Had not completed qualification by May 2001(a)                             <ul style="list-style-type: none"> <li>Attending a tertiary institution in May 2001                                     <ul style="list-style-type: none"> <li>Not attending in May 2001</li> </ul> </li> </ul> </li> </ul> <p>(a) May include some persons now attending school.</p>	<p><b>2, 4, 13</b></p>		

## APPENDIX 1 POPULATIONS AND DATA ITEMS LIST *continued*

Data Items .....	Populations	Data Items .....	Populations
<b>24A Whether attending an educational institution and level of education of study in May 2001 (ASCED)</b> Attending in May 2001 Study leading to a qualification Post-graduate degree Graduate diploma or graduate certificate Bachelor degree Advanced diploma or diploma Certificate III or IV Certificate I or II Certificate n.f.d. Year 12 Year 11 Year 10 or below Level not determined Other education Study not leading to a qualification Not attending in May 2001	1-4, 9, 13	<b>26 Type of school attending in May 2001</b> Government Non-government Catholic Other Not asked (BSP & those aged 20-24 at school)	Age= 15-24
<b>24B Whether attending an educational institution and level of course in May 2001 (ABSCQ)</b> Attending recognised study in May 2001 Higher degree Postgraduate diploma Bachelor degree Undergraduate diploma Skilled vocational course Basic vocational course Secondary school course Attending non-recognised study in May 2001 Level not stated/inadequately described Study not for a qualification	1-4, 9, 13	<b>27 Commencement of apprenticeship</b> Commenced in last 12 months Commenced more than 12 months ago	10
<b>25A Main field of education of study in May 2001 (ASCED)</b> Study leading to a qualification Natural and physical sciences Information technology Engineering and related technologies Architecture and building Agriculture, environmental and related studies Health Education Management and commerce Society and culture Creative arts Food, hospitality and personal services Mixed field programmes Field not determined Study not leading to a qualification	6-7, 11, 14	<b>28 Industry sector</b> Public Private	10
<b>25B Main field of study in May 2001 (ABSCQ)</b> Business administration Health Education Society and culture Natural and physical science Engineering Architecture and building Agriculture and related fields Miscellaneous fields Not stated/inadequately described	7	<b>29 Field of trade</b> Mechanical engineering Fabrication engineering Electrical and electronics Construction Printing Automotive Food Skilled agricultural & horticultural Hairdressing Other fields	10
		<b>30 Whether applied to enrol in an educational institution in 2001 and type of institution (unmet demand)</b> Applied to enrol in a course of study in 2001 Studying in May 2001 Gained placement but deferred study Study would lead to an educational qualification Higher education TAFE Other educational institution Study would not lead to an educational qualification Higher education TAFE Other educational institution Unable to gain placement on application Study would lead to an educational qualification Higher education TAFE Other educational institution Study would not lead to an educational qualification Higher education TAFE Other educational institution Did not apply to enrol in a course of study in 2001	1

# APPENDIX 1 POPULATIONS AND DATA ITEMS LIST *continued*

<i>Data Items</i>	<i>Populations</i>	<i>Data Items</i>	<i>Populations</i>
<b>31 Age at time of leaving full-time education</b>	<b>Age=</b> <b>15-24</b>	<b>36 Type of school last attended</b>	<b>Age=</b> <b>15-24</b>
Attending full-time in May 2001		Government	
Not attending full-time in May 2001		Non-Government	
Left at age		Catholic	
15-19		Other	
15		Not asked (still at school)	
16			
17		<b>37A Level of highest educational attainment</b>	<b>1-7, 9-16</b>
18		<b>(ASCED)</b>	
19		Post-graduate degree	
20-24		Graduate diploma or graduate certificate	
20		Bachelor degree	
21		Advanced diploma or diploma	
22		Certificate III or IV	
23		Certificate I or II	
24		Certificate n.f.d.	
Never attended an educational institution full-time		Year 12	
		Year 11	
		Year 10 or below	
		Level not determined	
<b>32 Year last attended an educational institution full-time</b>	<b>Age=</b> <b>15-24</b>	<b>37B Level of highest educational attainment</b>	<b>1-7, 9-16</b>
Attending full-time in May 2001		<b>(ABSCQ)</b>	
Not attending full-time in May 2001		With post-school qualifications	
Year last attended full-time		Higher degree	
Before 1991		Postgraduate diploma	
1990		Bachelor degree	
1991		Undergraduate diploma	
1992		Skilled vocational course	
1993		Basic vocational course	
1994		Without post-school qualifications	
1995		Completed highest level of secondary school	
1996		Attending a tertiary institution in May 2001	
1997		Not attending a tertiary institution in May 2001	
1998		Did not complete highest level of secondary school	
1999		Attending a tertiary institution in May 2001	
2000 or later		Not attending a tertiary institution in May 2001	
Never attended an educational institution full-time		Never attended school	
		Still at school	
<b>33 Time of leaving full-time education</b>	<b>5</b>	<b>38 Level of highest non-school qualification</b>	<b>1-7, 9-16</b>
January-May 2000		<b>(ASCED)</b>	
June 2000		Post-graduate degree	
July 2000		Graduate diploma or graduate certificate	
August-October 2000		Bachelor degree	
November 2000		Advanced diploma or diploma	
December 2000		Certificate III or IV	
January-May 2001		Certificate I or II	
		Certificate n.f.d.	
		Level not determined	
<b>34 Main reason left full-time education</b>	<b>5</b>	<b>39 Level of highest school educational attainment (ASCED)</b>	<b>All</b>
Completed course of study		Year 12	
Changed to part-time study(a)		Year 11	
Employment or financial reasons		Year 10	
Family responsibilities/illness /injury/personal reasons		Year 9	
Deferred course/lost interest/failed course		Year 8 or below	
Course unavailable		Never attended school	
Other reasons		Not asked (BSP)	
(a) May include some persons who have returned to school part-time.			
<b>35 Type of educational institution attended full-time in previous year and whether attending an educational institution in May 2001</b>	<b>5</b>		
Attended school full-time in 2000			
Attending part-time in May 2001			
Not attending in May 2001			
Attended tertiary full-time in 2000			
Attending part-time in May 2001			
Not attending in May 2001			

## APPENDIX 1 POPULATIONS AND DATA ITEMS LIST *continued*

*Data Items* ..... *Populations*

<b>40A</b>	<b>Main field of highest educational attainment (ASCED)</b>	<b>All</b>
	Natural and physical sciences	
	Information technology	
	Engineering and related technologies	
	Architecture and building	
	Agriculture, environmental and related studies	
	Health	
	Education	
	Management and commerce	
	Society and culture	
	Creative arts	
	Food, hospitality and personal services	
	Mixed field programmes	
	Field not determined	
<b>40B</b>	<b>Main field of highest educational attainment (ABSCQ)</b>	<b>8</b>
	Business administration	
	Health	
	Education	
	Society and culture	
	Natural and physical science	
	Engineering	
	Architecture and building	
	Agriculture and related fields	
	Miscellaneous fields	
	Not stated/inadequately described	
<b>41</b>	<b>Year completed highest non-school qualification</b>	<b>8</b>
	Before 1981	
	1981–1990	
	1991–2000	
	2001	
<b>42</b>	<b>Number of non-school qualifications obtained</b>	<b>8</b>
	One	
	Two	
	Three or more	
<b>43</b>	<b>Attendance in May 2001 and previous year and whether same type of institution</b>	<b>1</b>
	Attending same type of institution	
	Attended full-time in 2000	
	Attending full-time in May 2001	
	Attending part-time in May 2001	
	Attended part-time in 2000	
	Attending full-time in May 2001	
	Attending part-time in May 2001	
	Attending different type of institution	
	Attended full-time in 2000	
	Attending full-time in May 2001	
	Attending part-time in May 2001	
	Attended part-time in 2000	
	Attending full-time in May 2001	
	Attending part-time in May 2001	
	Not attending an educational institution in May 2001	
	Attended full-time in 2000	
	Attended part-time in 2000	
	Did not attend in 2000	



## APPENDIX 2 SUPPLEMENTARY SURVEYS

### SUPPLEMENTARY SURVEYS

The Monthly Population Survey program collects data on particular aspects of the labour force. The following is an historical list of supplementary and special labour force surveys. Data are available in publication form and by subscription. Additional data from these surveys are available on request and can be obtained by contacting the ABS.

- *Career Experience*. Irregular. Latest issue November 1998 (Cat. no. 6254.0)
- *Career Paths of Persons with Trade Qualifications*. Final issue 1993 (Discontinued) (Cat. no. 6243.0)
- *Child Care*. Irregular. Latest issue June 1999 (Cat. no. 4402.0)
- *Education and Training Experience*. Irregular. Latest issue 1997 (Cat. no. 6278.0)
- *Education and Work*. Annual. Latest issue May 2001 (Cat. no. 6227.0)
- *Employee Earnings, Benefits and Trade Union Membership*. Annual. Latest issue August 2001 (Cat. no. 6310.0)
- *Employment Benefits*. Final issue August 1994 (Discontinued) (Cat. no. 6334.0.40.001)
- *Forms of Employment*. Irregular. Latest issue August 1998 (Cat. no. 6359.0)
- *Job Search Experience of Unemployed Persons*. Annual. Latest issue July 2000 (Cat. no. 6222.0)
- *Labour Force Experience*. Two-yearly. Latest issue February 2001 (Cat. no. 6206.0)
- *Labour Force Status and Educational Attainment*. Final issue February 1994 (Discontinued) (Cat. no. 6235.0)
- *Labour Force Status and Other Characteristics of Families*. Final issue June 2000 (Discontinued) (Cat. no. 6224.0)
- *Labour Force Status and Other Characteristics of Migrants*. Irregular. Latest issue November 1999 (Cat. no. 6250.0)
- *Labour Mobility*. Two-yearly. Latest issue February 2000 (Cat. no. 6209.0)
- *Locations of Work*. Irregular. Latest Issue June 2000 (Cat no. 6275.0)
- *Multiple Jobholding*. Irregular. Latest issue August 1997 (Cat. no. 6216.0)
- *Participation in Education. Final issue September 1999* (Cat. no. 6272.0)
- *Persons Not in the Labour Force*. Annual. Latest issue September 2000 (Cat. no. 6220.0)
- *Persons Who had Re-entered the Labour Force*. Final issue July 1995 (Discontinued) (Cat. no. 6264.0.40.001)
- *Persons Who Have Left the Labour Force*. Final issue September 1994 (Discontinued) (Cat. no. 6267.0.40.001)
- *Retirement and Retirement Intentions*. Irregular. Latest issue November 1997 (Cat. no. 6238.0)
- *Retrenchment and Redundancy*. Irregular. Latest issue July 1997 (Cat. no. 6266.0)
- *Successful and Unsuccessful Job Search Experience*. Two-yearly. Latest issue July 2000 (Cat. no. 6245.0)
- *Superannuation*. Irregular. Latest issue November 1995 (Cat. no. 6319.0)
- *Trade Union Members*. Two-yearly. August 1996 (Discontinued) (Cat. no. 6325.0)
- *Underemployed Workers*. Annual. Latest issue September 2000 (Cat. no. 6265.0)
- *Working Arrangements*. Irregular. Latest issue August 2000 (Cat. no. 6342.0)
- *Work-Related Injuries*. Irregular. Latest issue September 2000 (Cat. no. 6324.0)

## APPENDIX 3 ABSCQ-ASCED LEVEL CORRESPONDENCE TABLE

### ABSCQ—ASCED LEVEL CORRESPONDENCE TABLE

This table presents the approximate relationship for non-school educational attainment between ABSCQ Level of attainment and ASCED Level of Education. The percentage of each ABSCQ level that corresponds to each ASCED level has been calculated from survey responses for the "level of highest (non-school) educational attainment" reported in the May 2001 Education and Work Survey. This correspondence table should be used in conjunction with a similar correspondence table published as Appendix 3 in *Australian Standard Classification of Education* (Cat. no. 1272.0).

ABSCQ Level of Attainment		ASCED Level of Education		% of ABSCQ Level at each ASCED Level
Code	Name	Code	Name	
1	Higher degree	110–114	Doctoral degree	28
		120–123	Master degree	72
2	Postgraduate diploma	210–213	Graduate diploma	88
		220–222	Graduate certificate	11
3	Bachelor degree	310–312	Bachelor degree	100
4	Undergraduate diploma	411	Advanced diploma	77
		310–312	Bachelor degree	7
		420–421	Diploma	16
5	Associate diploma	420–421	Diploma	50
		511	Certificate IV	49
6	Skilled vocational qualification	514	Certificate III	99
		500	Certificate n.f.d.	1
7	Basic vocational qualification	500	Certificate n.f.d.	16
		511	Certificate IV	3
		521	Certificate II	80

Note: Certificate I was not in scope of the ABSCQ.

## TECHNICAL NOTE DATA QUALITY

### ESTIMATION PROCEDURE

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

**2** Due to space limitations, it is impractical to print the SE of each estimate in the publication. Instead, a table of SEs is provided to enable readers to determine the SE for an estimate from the size of that estimate (see table T1). The SE table is derived from a mathematical model, referred to as the "SE model", which is created using data from a number of past Labour Force Surveys. It should be noted that the SE model only gives an approximate value for the SE for any particular estimate, since there is some minor variation between SEs for different estimates of the same size.

### CALCULATION OF STANDARD ERRORS

**3** An example of the calculation and the use of SEs in relation to estimates of persons is as follows. Table 3 shows the estimated number of females enrolled to study for a bachelor degree was 320,400. Since this estimate is between 300,000 and 500,000, table T1 shows that the SE for Australia will lie between 7,650 and 9,300 and can be approximated by interpolation using the following general formula:

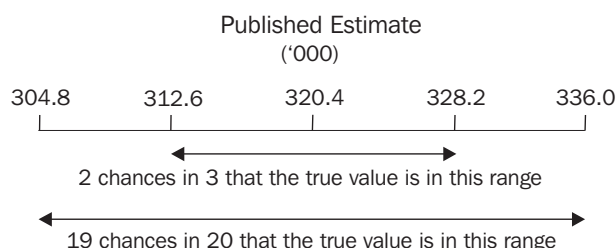
*SE of estimate* =

$$\text{lower SE} + \left( \left( \frac{\text{size of estimate} - \text{lower estimate}}{\text{upper estimate} - \text{lower estimate}} \right) \times (\text{upper SE} - \text{lower SE}) \right)$$

$$= 7,650 + \left( \left( \frac{320,400 - 300,000}{500,000 - 300,000} \right) \times (9,300 - 7,650) \right)$$

$$= 7,800 \text{ (rounded to the nearest 100)}$$

**4** 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 312,600 to 328,200 and about 19 chances in 20 that the value will fall within the range 304,800 to 336,000. This example is illustrated in the diagram below.



**5** In general, the size of the SE increases as the size of the estimate increases. Conversely, the RSE decreases as the size of the estimate increases. Very small estimates are thus subject to such high RSEs so that their value for most practical purposes is unreliable. In the tables in this publication, only estimates with RSEs of 25% or less are considered reliable for most purposes. Estimates with RSEs greater than 25% but less than or equal to 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 greater than 50%, preceded by a double asterisk (e.g. \*\*0.3), 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%.

PROPORTIONS AND  
PERCENTAGES

**6** 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. This formula is only valid when x is a subset of y.

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

**7** Considering the example from the previous page, the 320,400 females enrolled to study for a bachelor degree, represent 29% of the 1,108,400 females currently enrolled for a qualification. The SE of 320,400 was calculated previously as 7,800. To convert this to a RSE we express the SE as a percentage of the estimate, so the RSE is  $7,800/320,400 = 2.4\%$ . The SE for 1,108,400 may be calculated by interpolation as 12,600, which converted to a RSE is  $12,600/1,108,400 = 1.1\%$ . Applying the above formula, the RSE of the proportion is:

$$RSE = \sqrt{(2.4)^2 - (1.1)^2} = 2.1\%$$

**8** Therefore, the SE for the proportion (29%) is 0.6 percentage points ( $= (29/100) \times 2.1$ ). Therefore, there are about two chances in three that the proportion of females currently enrolled for a qualification was between 28.4% and 29.6%, and 19 chances in 20 that the proportion is within the range 27.8% to 30.2%.

DIFFERENCES

**9** 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:

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

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

## TECHNICAL NOTE DATA QUALITY *continued*

### T1 STANDARD ERRORS OF ESTIMATES

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	AUST. .....	
	no.	no.	no.	no.	no.	no.	no.	no.	no.	%
100	100	..	..	..	..	..	..	..	80	80.0
200	170	180	..	..	..	150	150	170	140	70.0
300	230	240	..	270	280	180	180	190	200	66.7
500	340	340	420	330	350	220	220	230	290	58.0
700	430	420	490	380	410	250	260	250	370	52.9
1,000	550	530	580	440	480	290	290	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	400	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	700	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	1 050	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	1 650	1 750	5 100	5.1
150,000	5 600	4 850	5 050	3 400	3 500	2 000	1 900	2 100	5 900	3.9
200,000	6 150	5 450	5 650	3 800	3 900	2 250	2 100	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

.. not applicable

## GLOSSARY

<b>Apprentice</b>	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'.
<b>Australian Standard Classification of Education (ASCED)</b>	The ASCED is a new national standard classification which includes all sectors of the Australian education system; that is, schools, Vocational Education and Training and Higher education. From 2001, ASCED replaces a number of classifications used in administrative and statistical systems, including the ABSCQ. The ASCED comprises two classifications: Level of Education and Field of Education. See <i>Australian Standard Classification of Education (ASCED), 2001</i> (Cat. no. 1272.0).
<b>Certificate not further defined</b>	Survey responses are coded to Certificate not further defined (n.f.d.) when there is not enough information to code them to Certificate I, II, III or IV in the Australian Standard Classification of Education (ASCED), Level of Education classification.
<b>Educational institution</b>	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.
<b>Employed</b>	Persons who, during the reference week: <ul style="list-style-type: none"><li>■ worked for one hour or more for pay, profit, commission or payment in kind, in a job or business or on a farm (comprising employees, employers and own account workers); or</li><li>■ worked for one hour or more without pay in a family business or on a farm (i.e. contributing family workers); or</li><li>■ were employees who had a job but were not at work and were:<ul style="list-style-type: none"><li>■ away from work for less than four weeks up to the end of the reference week; or</li><li>■ away from work for more than four weeks up to the end of the reference week and received pay for some or all of the four week period to the end of the reference week; or</li><li>■ away from work as a standard work or shift arrangement; or</li><li>■ on strike or locked out; or</li><li>■ on workers' compensation and expected to return to their job.</li></ul></li><li>■ were employers or own account workers who had a job, business or farm, but were not at work.</li></ul>
<b>Field of education</b>	Field of Education is defined as the subject matter of an educational activity. It is categorised according to the Australian Standard Classification of Education (ASCED), Field of Education classification.
<b>Field of trade</b>	Refers to the occupation of an apprentice and is classified to the Australian Standard Classification of Occupations (Second Edition) Unit Group.
<b>Higher education institution</b>	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.
<b>Leavers</b>	Persons who were enrolled in a course of study at any time in the previous calendar year, but were not enrolled at the time of the survey.
<b>Level of Education</b>	Level of education is a function of the quality and quantity of learning involved in an educational activity. It is categorised according to the Australian Standard Classification of Education (ASCED), Level of Education classification.

## GLOSSARY *continued*

<b>Level of highest educational attainment</b>	Level of highest educational attainment identifies the highest achievement a person has attained in any area of study. It is not a measurement of the relative importance of different fields of study but a ranking of qualifications and other educational attainments regardless of the particular area of study or the type of institution in which the study was undertaken. See paragraphs 15 to 17 of the Explanatory Notes for how highest level is derived.
<b>Level not determined</b>	Level not determined includes inadequately described responses or where no responses were given.
<b>Non-school qualification</b>	Non-school qualifications are awarded for educational attainments other than those of pre-primary, primary or secondary education. They include qualifications at the Post Graduate Degree Level, Master Degree Level, Graduate Diploma and Graduate Certificate Level, Bachelor Degree Level, Advanced Diploma and Diploma Level, and Certificates I, II, III and IV levels. Non-school qualifications may be obtained concurrently with school qualifications.
<b>Not in the labour force</b>	Persons who were not in the categories 'employed' or 'unemployed' as defined.
<b>Other educational institution</b>	Includes institutions or establishments that offer educational courses, such as industry skills centres, professional or industry associations, equipment/product manufacturer or supplier, and instances where insufficient information was available to determine the type of educational institution.
<b>Persons enrolled</b>	Refers to persons enrolled for a course of study in the survey month (or persons who attended at any time during the previous calendar year) at an educational institution (as defined).
<b>Starters</b>	Persons who were enrolled in a course of study at the survey date but were not enrolled at any time in the previous calendar year.
<b>TAFE</b>	A Technical and Further Education institution. In Victoria this may also be interpreted as Training and Further Education.
<b>Unemployed</b>	Persons who were not employed during the reference week, and: <ul style="list-style-type: none"><li>■ 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:<ul style="list-style-type: none"><li>■ were available for work in the reference week; or</li><li>■ were waiting to start a new job within four weeks from the end of the reference week, and could have started in the reference week if the job had been available then.</li></ul></li></ul>
<b>Unemployment rate</b>	An estimate of unemployed persons in any group expressed as a percentage of the labour force in the same group.
<b>Unmet educational demand</b>	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.

## FOR MORE INFORMATION...

- INTERNET* **www.abs.gov.au** the ABS web site is the best place to start for access to summary data from our latest publications, information about the ABS, advice about upcoming releases, our catalogue, and Australia Now—a statistical profile.
- LIBRARY* A range of ABS publications is available from public and tertiary libraries Australia-wide. Contact your nearest library to determine whether it has the ABS statistics you require, or visit our web site for a list of libraries.
- CPI INFOLINE* For current and historical Consumer Price Index data, call 1902 981 074 (call cost 77c per minute).
- DIAL-A-STATISTIC* For the latest figures for National Accounts, Balance of Payments, Labour Force, Average Weekly Earnings, Estimated Resident Population and the Consumer Price Index call 1900 986 400 (call cost 77c per minute).

## INFORMATION SERVICE

Data which have been published and can be provided within five minutes are free of charge. Our information consultants can also help you to access the full range of ABS information—ABS user-pays services can be tailored to your needs, time frame and budget. Publications may be purchased. Specialists are on hand to help you with analytical or methodological advice.

- PHONE* **1300 135 070**
- EMAIL* **client.services@abs.gov.au**
- FAX* 1300 135 211
- POST* Client Services, ABS, GPO Box 796, Sydney 1041

## WHY NOT SUBSCRIBE?

ABS subscription services provide regular, convenient and prompt deliveries of ABS publications and products as they are released. Email delivery of monthly and quarterly publications is available.

- PHONE* 1300 366 323
- EMAIL* subscriptions@abs.gov.au
- FAX* 03 9615 7848
- POST* Subscription Services, ABS, GPO Box 2796Y, Melbourne 3001



2622700005017  
ISSN 1446-4586

RRP \$24.00