

**EDUCATION AND WORK**

AUSTRALIA

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- 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.

## ABOUT THIS PUBLICATION

This publication presents information about the educational experience of persons aged 15–64 years, especially in relation to their labour force status.

Statistics in this publication were collected in May 2002 as a supplement to the Australian Bureau of Statistics (ABS) 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; level of highest non-school qualification; level of highest educational attainment; unmet demand for education in current year; and characteristics of apprentices.

This publication has been revised since the 2001 edition. Three tables have been deleted and three tables added, which has meant some tables now have a different table number than they did in the previous edition. The tables have been re-ordered so that tables 7–10 cover level of highest non-school qualification, followed by tables 11–15 on level of highest educational attainment.

## CLASSIFICATION OF EDUCATION

The *Australian Standard Classification of Education (ASCED)* (cat. no. 1272.0) was introduced into ABS collections in 2001. It replaced 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 paragraphs 16–24 of the Explanatory Notes.

## ROUNDING

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

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## 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
BSP	boarding school pupils
LFS	Labour Force Survey
n.f.d.	not further defined
RSE	relative standard error
SACC	Standard Australian Classification of Countries
SE	standard error
SEW	Survey of Education and Work
TAFE	Technical and Further Education

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## SUMMARY OF FINDINGS

### PARTICIPATION

In May 2002 there were 12,926,800 persons aged 15–64 years in the scope of the survey, of whom 2,390,500 (18%) were enrolled in a course of study. Approximately 909,200 (38%) of these enrolled persons were attending a Higher education institution, 682,100 (29%) were at school, 562,000 (24%) were at Technical and Further Education (TAFE) institutions, and 237,300 (10%) were at other educational institutions.

Of persons enrolled in a course of study in May 2002, 52% were females, 44% were aged 15–19 years, and 63% were attending study full-time.

#### *Study leading to a qualification*

Approximately 2,277,700 (95%) persons who were enrolled in a course of study were enrolled in a course leading to a qualification.

The proportion of persons aged 15–64 years enrolled in a course leading to a qualification increased from 16% in 1994 to 18% in 2002.

Of persons who were enrolled in a course leading to a qualification, more than one in four (28%) were studying for a Bachelor degree, of whom 45% were aged between 20 and 24 years, and 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 in a course leading to a qualification was Management and commerce (19%), followed by Society and culture (12%).

### EDUCATIONAL ATTAINMENT

#### *Highest non-school qualification*

The proportion of persons whose highest non-school qualification was a Bachelor degree or above increased from 10% in 1992 to 18% in 2002, and the proportion of persons whose highest non-school qualification was an Advanced diploma or below decreased slightly, from 32% in 1992 to 30% in 2002.

Among the 6,231,000 persons with a non-school qualification, the most commonly reported fields of education for the highest non-school qualification were Management and commerce (23%) and Engineering and related technologies (21%).

#### *Level of highest educational attainment*

Approximately 30% of persons aged 15–64 years reported their level of highest educational attainment as being Year 10 or below. The level of highest educational attainment of a further 20% was Year 12, while 15% had a Certificate III or IV as their level of highest educational attainment, and 18% had a Bachelor degree or higher.

Just under one-third (31%) of all persons with a Bachelor degree or higher were aged 25–34 years, while just over one-quarter (27%) were aged between 35 and 44 years. One in five (20%) persons with a level of highest educational attainment of Year 12 or below were aged between 35 and 44 years.

Persons whose level of highest educational attainment was a Bachelor degree or higher were more likely to be employed than those whose highest attainment was Year 12 or below (86% compared with 61%).

**SUMMARY OF FINDINGS** *continued*

**STARTING A COURSE OF  
STUDY**

Approximately 375,800 persons who were not enrolled in a course of study leading to a qualification in 2001 were enrolled in a course of study leading to a qualification in May 2002. Of this group, 32% were aged between 25 and 34 years and a further 23% were aged 20–24 years, 55% were female, while two-thirds (68%) were employed. Of these employed starters, 65% worked full-time.

**LEAVING A COURSE OF  
STUDY**

In the period January 2001 to May 2002, 889,700 persons had left a course of study leading to a qualification. Of this group, 25% were aged between 25 and 34 years, 22% were aged 20–24 years, and 79% were employed. Of these employed leavers, 75% worked full-time.

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## PERSONS ENROLLED IN A COURSE OF STUDY, Selected characteristics

	NSW	Vic.	Qld	SA	WA	Tas.	NT(a)	ACT	Aust.
	'000	'000	'000	'000	'000	'000	'000	'000	'000
Sex									
Males	394.5	304.7	199.3	87.9	107.7	25.5	9.3	22.2	1 151.0
Females	407.1	329.2	224.8	91.9	123.9	26.2	11.9	24.5	1 239.5
Age group (years)									
15–19	350.4	273.7	190.7	77.3	98.2	24.2	8.1	20.0	1 042.7
20–24	171.3	151.2	84.9	34.5	47.5	8.2	2.6	11.8	511.9
25–34	135.6	107.5	64.2	32.7	40.1	7.6	4.9	8.2	400.7
35–44	82.6	58.9	51.6	18.0	22.0	7.3	3.3	3.5	247.3
45–54	47.6	34.3	25.5	12.3	18.0	3.1	*1.9	2.5	145.2
55–64	14.1	8.2	7.2	4.9	5.8	*1.4	**0.3	*0.7	42.7
Country of birth(b)									
Born in Australia	596.0	493.7	346.3	153.5	161.5	46.0	15.6	37.7	1 850.2
Born overseas	204.4	140.1	72.1	26.3	67.8	5.1	4.7	9.0	529.5
Area of usual residence									
Capital city	545.8	486.6	225.0	145.6	189.9	24.4	—	—	1 617.3
Balance of state/territory	255.8	147.3	199.2	34.1	41.7	27.3	21.2	46.7	773.3
Level of education of current study in May 2002									
Study leading to a qualification(c)	754.1	607.4	410.7	173.0	219.4	48.3	19.8	45.1	2 277.7
Postgraduate degree	51.5	34.7	22.6	8.4	10.4	*1.4	*1.0	2.7	132.8
Graduate diploma / Graduate certificate	25.6	27.8	8.4	6.3	6.7	*1.4	*0.9	2.1	79.1
Bachelor degree	205.3	175.2	120.6	46.2	67.2	9.0	4.1	16.2	643.9
Advanced diploma / Diploma	74.6	71.2	46.2	14.5	25.5	5.5	*2.2	5.2	244.8
Certificate III / IV	83.6	64.5	53.7	24.2	23.7	7.7	3.0	3.4	263.8
Certificate I / II	17.2	19.0	11.1	7.5	7.2	2.2	*0.6	**0.3	65.2
Certificate not further defined	41.9	24.1	21.1	11.7	13.5	*1.8	*1.0	*1.1	116.2
Year 12	66.6	57.9	45.5	19.2	24.3	5.7	2.6	4.2	226.1
Year 11	77.4	58.6	46.9	16.2	23.9	6.1	*1.8	4.3	235.3
Year 10 or below	92.8	65.0	25.9	17.5	12.5	6.5	*1.2	5.2	226.6
Level not determined	16.2	9.5	*2.8	*1.2	*2.2	*0.5	**0.4	**0.3	33.1
Study not leading to a qualification	47.5	26.5	13.5	6.7	12.2	3.4	*1.4	*1.6	112.8
Type of educational institution attending									
School	231.9	178.3	119.5	53.3	60.6	18.6	6.9	12.9	682.1
TAFE	193.9	136.5	98.7	45.5	59.3	16.2	2.8	9.1	562.0
Higher education	294.6	254.3	162.3	61.8	93.4	12.0	9.4	21.3	909.2
Other institution	81.2	64.7	43.7	19.1	18.3	4.9	*2.0	3.4	237.3
Type of attendance									
Attending full-time	505.5	404.2	264.5	110.0	148.9	30.8	11.4	33.4	1 508.7
Attending part-time	296.1	229.6	159.7	69.8	82.7	20.9	9.8	13.3	881.9
<b>Total(c)</b>	<b>801.6</b>	<b>633.8</b>	<b>424.2</b>	<b>179.8</b>	<b>231.6</b>	<b>51.7</b>	<b>21.2</b>	<b>46.7</b>	<b>2 390.5</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 only. For further information see paragraph 9 of the Explanatory Notes.

(b) Excludes boarding school pupils.

(c) Includes boarding school pupils.

## ALL PERSONS, Whether enrolled in a course of study—May 1994 to May 2002

	1994	1996	1998	2000	2001	2002
	'000	'000	'000	'000	'000	'000
MALES						
Study leading to a qualification(a)						
15–19	467.3	471.3	501.5	521.8	522.7	523.3
20–24	200.0	219.7	215.3	216.7	241.7	245.8
25–34	131.3	173.0	151.2	157.5	168.5	186.2
35–44	90.4	74.5	90.2	84.2	92.3	96.0
45–54	29.3	42.3	38.3	42.6	43.1	46.9
55–64	8.7	10.8	9.8	8.3	13.2	9.4
<i>Total</i>	926.9	991.6	1 006.3	1 031.0	1 081.4	1 107.7
Study not leading to a qualification	63.1	44.5	40.7	49.1	42.3	43.3
Total enrolled	990.0	1 036.1	1 047.1	1 080.1	1 123.7	1 151.0
Total not enrolled	4 887.0	5 004.9	5 134.3	5 255.6	5 283.6	5 324.9
<i>Total</i>	5 877.0	6 041.1	6 181.3	6 335.7	6 407.3	6 475.9
FEMALES						
Study leading to a qualification(a)						
15–19	466.0	460.4	489.8	504.7	515.1	510.7
20–24	186.0	202.7	204.3	225.8	215.2	256.6
25–34	132.3	153.4	158.3	170.3	179.3	182.8
35–44	94.3	132.0	109.6	120.4	119.4	128.1
45–54	39.7	54.1	60.8	63.3	63.3	76.5
55–64	7.8	7.7	10.8	12.4	16.1	15.4
<i>Total</i>	926.1	1 010.3	1 033.6	1 096.9	1 108.4	1 170.1
Study not leading to a qualification	68.6	81.8	62.5	79.4	79.0	69.5
Total enrolled	994.7	1 092.1	1 096.0	1 176.3	1 187.4	1 239.5
Total not enrolled	4 853.9	4 909.0	5 063.5	5 140.7	5 193.7	5 211.4
<i>Total</i>	5 848.6	6 001.1	6 159.6	6 317.0	6 381.1	6 450.9
PERSONS						
Study leading to a qualification(a)						
15–19	933.3	931.7	991.4	1 026.5	1 037.8	1 034.0
20–24	386.0	422.4	419.6	442.5	456.9	502.4
25–34	263.6	326.3	309.5	327.8	347.8	369.0
35–44	184.7	206.5	199.8	204.6	211.7	224.1
45–54	69.0	96.4	99.1	105.9	106.4	123.4
55–64	16.5	18.5	20.6	20.6	29.3	24.8
<i>Total</i>	1 853.0	2 001.9	2 039.9	2 127.9	2 189.8	2 277.7
Study not leading to a qualification	131.7	126.4	103.2	128.5	121.3	112.8
Total enrolled	1 984.7	2 128.2	2 143.1	2 256.4	2 311.1	2 390.5
Total not enrolled	9 740.9	9 913.9	10 197.8	10 396.4	10 477.2	10 536.3
<b>Total</b>	<b>11 725.6</b>	<b>12 042.1</b>	<b>12 340.9</b>	<b>12 652.7</b>	<b>12 788.3</b>	<b>12 926.8</b>

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



# PERSONS ENROLLED IN A COURSE OF STUDY LEADING TO A QUALIFICATION, Level of education of current study—By age

Level of education of current study	AGE GROUP (YEARS)					Total
	15–19	20–24	25–34	35–44	45–64	
	'000	'000	'000	'000	'000	'000
MALES						
Postgraduate degree	—	10.9	34.0	20.4	8.8	74.1
Graduate diploma / Graduate certificate	**0.9	*4.8	14.6	7.0	*3.8	31.1
Bachelor degree	78.4	131.9	54.3	16.2	7.5	288.4
Advanced diploma / Diploma	21.9	27.9	34.5	20.5	14.3	119.1
Certificate III / IV	56.7	48.6	27.1	14.1	10.8	157.2
Certificate I / II	10.5	6.1	6.7	*3.9	*3.1	30.2
Certificate not further defined	9.5	9.3	10.9	9.4	6.5	45.6
Year 12	101.5	*2.3	**1.0	**1.2	**0.4	106.4
Year 11	114.9	**0.7	—	—	—	115.6
Year 10 or below	119.1	**0.3	—	—	—	119.4
Level not determined	*3.3	*3.1	*3.0	*3.3	*1.2	13.9
Total(a)	523.3	245.8	186.2	96.0	56.4	1 107.7
FEMALES						
Postgraduate degree	—	10.3	24.9	11.1	12.4	58.7
Graduate diploma / Graduate certificate	*1.5	10.8	17.9	10.0	7.8	48.0
Bachelor degree	96.1	159.9	53.9	31.1	14.5	355.5
Advanced diploma / Diploma	24.6	28.3	33.8	19.3	19.7	125.7
Certificate III / IV	21.4	20.7	22.3	27.9	14.2	106.6
Certificate I / II	5.9	*5.2	7.7	10.2	5.9	34.9
Certificate not further defined	12.9	16.1	15.2	13.5	12.8	70.5
Year 12	114.4	*1.7	*2.1	**1.0	**0.5	119.7
Year 11	119.7	—	—	—	—	119.7
Year 10 or below	106.2	**0.3	—	**0.7	—	107.2
Level not determined	*3.9	*3.3	*5.0	*3.2	*3.9	19.3
Total(a)	510.7	256.6	182.8	128.1	91.9	1 170.1
PERSONS						
Postgraduate degree	—	21.3	58.9	31.5	21.2	132.8
Graduate diploma / Graduate certificate	*2.4	15.6	32.6	17.0	11.5	79.1
Bachelor degree	174.5	291.7	108.3	47.4	22.0	643.9
Advanced diploma / Diploma	46.5	56.2	68.3	39.8	34.0	244.8
Certificate III / IV	78.1	69.3	49.4	42.0	25.1	263.8
Certificate I / II	16.4	11.3	14.4	14.1	9.0	65.2
Certificate not further defined	22.4	25.4	26.1	22.9	19.3	116.2
Year 12	215.9	*4.0	*3.1	*2.2	**0.9	226.1
Year 11	234.6	**0.7	—	—	—	235.3
Year 10 or below	225.3	**0.6	—	**0.7	—	226.6
Level not determined	7.2	6.4	8.0	6.5	*5.2	33.1
Total(a)	1 034.0	502.4	369.0	224.1	148.2	2 277.7

— 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

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

(a) Includes boarding school pupils.

# PERSONS ENROLLED IN A COURSE OF STUDY LEADING TO A QUALIFICATION, Main field of education of current study—By age

	AGE GROUP (YEARS)					
	15–19	20–24	25–34	35–44	45–64	Total
Main field of education of current study	'000	'000	'000	'000	'000	'000
MALES						
Natural and physical sciences	7.9	11.8	6.8	*3.2	*1.4	31.1
Information technology	20.2	25.7	23.2	10.6	*3.7	83.3
Engineering and related technologies	47.1	58.8	26.2	9.2	6.7	148.1
Architecture and building	23.0	17.6	7.3	*3.8	**0.7	52.3
Agriculture, environmental and related studies	5.9	7.3	*5.3	*4.5	*2.2	25.2
Health	*5.5	13.6	11.4	6.6	*2.5	39.6
Education	*4.9	*5.6	6.1	*4.9	*4.9	26.4
Management and commerce	29.0	51.3	62.5	34.8	18.0	195.6
Society and culture	16.9	28.3	24.5	12.6	10.5	92.8
Creative arts	12.4	15.7	8.0	*2.3	*2.6	41.1
Food, hospitality and personal services	6.6	5.8	*2.2	*1.8	**0.7	17.2
Mixed field programmes(a)	342.3	*3.3	*1.6	*1.6	**0.4	349.2
Field not determined	*1.6	**0.9	**1.2	**0.1	*2.0	5.9
Total	523.3	245.8	186.2	96.0	56.4	1 107.7
FEMALES						
Natural and physical sciences	8.8	14.8	5.6	*2.8	**0.3	32.3
Information technology	5.6	10.4	7.8	7.3	7.8	38.9
Engineering and related technologies	*3.9	6.0	*4.1	**1.0	*1.7	16.8
Architecture and building	*3.6	6.0	*2.9	**1.0	**0.6	14.0
Agriculture, environmental and related studies	*5.2	*4.7	*4.4	*3.8	*2.8	20.9
Health	18.5	25.3	26.2	17.0	9.0	95.9
Education	12.5	20.0	17.4	11.5	7.5	68.9
Management and commerce	40.1	71.7	60.7	36.6	21.7	230.8
Society and culture	32.8	54.2	36.9	32.0	29.8	185.9
Creative arts	17.1	29.2	9.7	7.9	6.4	70.3
Food, hospitality and personal services	14.1	7.9	*3.0	*2.2	*2.3	29.4
Mixed field programmes(a)	346.6	*3.4	*2.7	*3.6	*1.7	358.0
Field not determined	*1.9	*3.2	*1.4	*1.3	**0.3	8.0
Total	510.7	256.6	182.8	128.1	91.9	1 170.1
PERSONS						
Natural and physical sciences	16.7	26.5	12.5	6.0	*1.7	63.4
Information technology	25.7	36.1	31.0	17.9	11.5	122.2
Engineering and related technologies	51.0	64.8	30.3	10.3	8.4	164.8
Architecture and building	26.6	23.5	10.1	*4.8	*1.3	66.3
Agriculture, environmental and related studies	11.1	12.0	9.7	8.4	*4.9	46.1
Health	24.0	38.9	37.6	23.6	11.4	135.5
Education	17.4	25.6	23.6	16.3	12.4	95.3
Management and commerce	69.1	123.0	123.2	71.4	39.7	426.4
Society and culture	49.8	82.5	61.4	44.7	40.3	278.7
Creative arts	29.6	44.9	17.7	10.2	9.0	111.4
Food, hospitality and personal services	20.7	13.7	*5.2	*4.0	*3.1	46.7
Mixed field programmes(a)	688.8	6.7	*4.4	*5.2	*2.1	707.2
Field not determined	*3.4	*4.1	*2.6	*1.4	*2.4	13.9
Total	1 034.0	502.4	369.0	224.1	148.2	2 277.7

\* 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 persons studying for Year 12 or below.

# PERSONS ENROLLED IN A COURSE OF STUDY LEADING TO A QUALIFICATION, Level and main field of education of current study

## LEVEL OF EDUCATION OF CURRENT STUDY

<i>Main field of education of current study</i>	<i>Post-graduate degree</i>	<i>Graduate diploma / Graduate certificate</i>	<i>Bachelor degree</i>	<i>Advanced diploma / Diploma</i>	<i>Certificate III / IV</i>	<i>Certificate I / II</i>	<i>Certificate n.f.d.</i>	<i>Year 12 or below(a)</i>	<i>Total(b)</i>
	'000	'000	'000	'000	'000	'000	'000	'000	'000
Natural and physical sciences	9.6	*2.4	45.0	*2.3	**0.8	**0.9	**0.8	—	63.4
Information technology	7.9	6.4	48.7	22.3	9.0	12.1	13.2	—	122.2
Engineering and related technologies	6.5	*1.8	45.1	19.8	71.8	7.3	9.6	—	164.8
Architecture and building	**0.5	**0.8	19.3	8.7	30.2	*1.4	*3.5	—	66.3
Agriculture, environmental and related studies	*2.1	*1.6	12.0	6.6	12.2	*3.8	7.0	—	46.1
Health	11.2	9.7	75.5	18.8	9.9	*1.7	*5.4	—	135.5
Education	9.6	14.6	50.1	10.4	6.4	—	*3.7	—	95.3
Management and commerce	52.8	23.9	149.4	81.8	56.8	21.8	31.9	—	426.4
Society and culture	25.0	15.0	135.4	40.5	31.2	10.9	16.6	—	278.7
Creative arts	6.6	*2.9	53.9	24.3	9.5	*1.7	11.2	—	111.4
Food, hospitality and personal services	—	—	*2.2	7.9	24.8	*2.5	8.5	—	46.7
Mixed field programmes(c)	—	—	**0.2	—	—	**1.1	*4.3	698.8	707.2
Field not determined	**1.0	—	6.9	*1.3	*1.3	—	**0.6	—	13.9
<b>Total</b>	<b>132.8</b>	<b>79.1</b>	<b>643.9</b>	<b>244.8</b>	<b>263.8</b>	<b>65.2</b>	<b>116.2</b>	<b>698.8</b>	<b>2 277.7</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) Includes boarding school pupils.

(b) Includes persons whose level of education of current study could not be determined.

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

PERSONS ENROLLED IN A COURSE OF STUDY LEADING TO A QUALIFICATION, Level of education of current study—By labour force status

LABOUR FORCE STATUS

Level of education of current study	Full-time workers	Part-time workers	Total employed	Unemployed	In the labour force	Not in the labour force	Total
	'000	'000	'000	'000	'000	'000	'000
MALES							
Postgraduate degree	43.9	12.3	56.2	*2.4	58.6	15.4	74.1
Graduate diploma / Graduate certificate	21.3	*5.1	26.4	*1.6	27.9	*3.2	31.1
Bachelor degree	50.8	105.9	156.7	21.3	178.0	110.4	288.4
Advanced diploma / Diploma	54.2	28.3	82.5	9.6	92.1	27.0	119.1
Certificate III / IV	122.0	16.6	138.6	*4.6	143.2	14.1	157.2
Certificate I / II	11.3	*4.8	16.1	*4.7	20.8	9.5	30.2
Certificate not further defined	27.3	6.8	34.1	*2.7	36.9	8.8	45.6
Year 12	**1.2	35.3	36.5	6.7	43.2	63.2	106.4
Year 11	**0.9	34.7	35.7	8.9	44.6	71.0	115.6
Year 10 or below	—	23.2	23.2	10.3	33.4	86.0	119.4
Level not determined	8.5	*2.1	10.6	**0.7	11.3	*2.6	13.9
Total(a)	341.2	275.3	616.5	73.6	690.0	417.6	1 107.7

FEMALES

Postgraduate degree	32.4	13.4	45.8	*1.4	47.2	11.5	58.7
Graduate diploma / Graduate certificate	21.2	17.1	38.3	**0.3	38.7	9.3	48.0
Bachelor degree	52.2	169.1	221.3	20.1	241.5	114.1	355.5
Advanced diploma / Diploma	38.7	49.1	87.8	6.2	94.0	31.7	125.7
Certificate III / IV	48.2	31.5	79.8	*4.8	84.6	22.0	106.6
Certificate I / II	7.8	12.4	20.3	*1.2	21.5	13.4	34.9
Certificate not further defined	21.0	21.6	42.6	7.3	50.0	20.6	70.5
Year 12	**0.8	56.8	57.6	8.3	66.0	53.8	119.7
Year 11	—	49.6	49.6	*3.2	52.8	66.8	119.7
Year 10 or below	—	23.1	23.1	10.1	33.2	74.0	107.2
Level not determined	6.5	6.1	12.5	**0.2	12.7	6.5	19.3
Total(a)	228.9	449.9	678.9	63.3	742.1	427.9	1 170.1

PERSONS

Postgraduate degree	76.3	25.7	102.0	*3.8	105.8	27.0	132.8
Graduate diploma / Graduate certificate	42.5	22.2	64.7	*1.9	66.6	12.5	79.1
Bachelor degree	103.0	275.0	378.0	41.4	419.5	224.4	643.9
Advanced diploma / Diploma	92.9	77.5	170.3	15.8	186.2	58.7	244.8
Certificate III / IV	170.2	48.2	218.3	9.4	227.7	36.1	263.8
Certificate I / II	19.1	17.3	36.3	5.9	42.3	22.9	65.2
Certificate not further defined	48.3	28.5	76.8	10.1	86.8	29.3	116.2
Year 12	*2.0	92.1	94.1	15.1	109.2	116.9	226.1
Year 11	**0.9	84.4	85.3	12.1	97.4	137.9	235.3
Year 10 or below	—	46.2	46.2	20.4	66.6	160.0	226.6
Level not determined	15.0	8.2	23.1	**0.9	24.1	9.1	33.1
Total(a)	570.1	725.2	1 295.3	136.9	1 432.2	845.6	2 277.7

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- \*\* 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 boarding school pupils.

# ALL PERSONS, Proportion of persons with a non-school qualification(a)—May 1992 to May 2002

	1992	1994	1996	1998	2000	2001	2002
.....							
HIGHEST NON-SCHOOL QUALIFICATION (%) (b)							
.....							
Bachelor degree or above							
Age group (years)							
15-24	4.1	5.2	5.8	6.0	6.6	7.1	7.7
25-34	13.4	14.7	15.8	19.3	22.2	24.0	24.8
35-44	13.9	16.3	18.3	18.4	19.0	19.8	21.2
45-54	9.6	12.2	13.8	15.6	17.3	19.2	19.9
55-64	5.5	7.0	8.3	10.1	11.1	13.3	13.2
Total	9.6	11.5	12.8	14.3	15.7	17.0	17.8
Advanced diploma / Diploma or below							
Age group (years)							
15-24	18.6	16.6	17.5	16.1	15.9	17.0	17.2
25-34	37.7	31.8	34.3	32.4	31.9	33.6	33.7
35-44	37.3	32.0	34.0	32.3	32.9	34.4	34.4
45-54	34.8	30.6	32.4	30.0	31.6	31.6	33.3
55-64	30.4	26.5	28.9	26.0	27.5	27.7	30.0
Total	31.7	27.5	29.4	27.6	28.1	29.1	29.8
Total with non-school qualifications(c)							
Age group (years)							
15-24	23.0	21.8	23.2	22.1	22.4	24.6	25.1
25-34	51.2	46.6	50.1	51.6	54.0	58.9	59.1
35-44	51.7	48.4	52.2	50.7	52.0	55.5	56.4
45-54	44.8	42.8	46.2	45.6	48.9	52.1	54.0
55-64	36.3	33.6	37.1	36.1	38.6	42.3	44.2
Total	41.7	39.0	42.3	41.9	43.8	47.2	48.2
.....							
TOTAL PERSONS ('000)							
.....							
All persons							
Age group (years)							
15-24	2 739.0	2 698.6	2 670.7	2 639.8	2 681.0	2 703.8	2 726.6
25-34	2 804.3	2 781.9	2 821.6	2 841.7	2 852.1	2 854.6	2 867.7
35-44	2 637.0	2 663.5	2 757.6	2 840.2	2 896.8	2 897.1	2 895.0
45-54	1 964.4	2 116.5	2 288.3	2 434.2	2 543.5	2 592.3	2 614.5
55-64	1 441.1	1 465.1	1 504.0	1 585.0	1 679.2	1 740.6	1 823.0
Total	11 585.9	11 725.6	12 042.1	12 340.9	12 652.7	12 788.3	12 926.8

- (a) Non-school 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 qualification was at a level not determined.

	NSW	Vic.	Qld	SA	WA	Tas.	NT(b)	ACT	Aust.
LEVEL OF HIGHEST NON-SCHOOL QUALIFICATION ('000)									
Level of education									
Postgraduate degree	132.0	63.8	42.0	13.8	21.8	4.7	3.1	12.8	294.0
Graduate diploma / Graduate certificate	94.1	102.7	46.8	20.4	33.2	4.8	2.3	10.4	314.7
Bachelor degree	591.7	472.2	275.7	103.2	162.9	24.9	13.3	43.6	1 687.4
Advanced diploma / Diploma	331.6	229.9	171.4	70.9	104.5	16.6	8.2	16.4	949.4
Certificate III / IV	625.3	433.4	396.0	151.4	217.3	48.7	17.4	21.7	1 911.1
Certificate I / II	280.0	189.9	151.2	67.5	91.2	20.0	6.2	13.2	819.1
Certificate not further defined	61.4	42.9	27.9	15.8	17.2	2.6	*1.7	*1.8	171.2
Level not determined	37.0	22.3	9.1	3.5	6.3	3.5	**0.5	*1.8	84.0
Total with non-school qualification	2 153.1	1 557.1	1 120.0	446.4	654.3	125.7	52.6	121.6	6 231.0
Total without non-school qualification	2 171.5	1 700.5	1 314.4	532.5	651.1	176.4	52.6	97.0	6 695.9
<b>Total</b>	<b>4 324.6</b>	<b>3 257.6</b>	<b>2 434.4</b>	<b>978.9</b>	<b>1 305.5</b>	<b>302.1</b>	<b>105.2</b>	<b>218.6</b>	<b>12 926.8</b>

PROPORTION OF PERSONS WITH A NON-SCHOOL QUALIFICATION (%)									
Sex									
Males	52.0	51.1	49.2	49.5	53.6	46.2	52.7	57.6	51.2
Females	47.5	44.5	42.8	41.6	46.6	37.2	47.1	53.7	45.2
Age group (years)									
15–19	5.4	6.4	8.5	7.4	9.2	*8.4	4.2	4.9	6.9
20–24	41.5	42.9	42.6	44.5	47.2	38.0	*50.0	50.8	43.1
25–34	61.1	60.9	55.5	56.6	58.1	49.4	56.0	61.7	59.1
35–44	59.6	55.2	53.4	51.4	57.7	47.7	58.9	66.0	56.4
45–54	56.3	52.9	50.3	50.1	58.4	49.3	50.6	68.1	54.0
55–64	45.2	41.2	44.9	42.6	47.3	38.9	54.7	56.0	44.2
Country of birth									
Born in Australia	48.4	48.5	44.4	44.3	47.7	39.4	48.9	53.3	47.0
Born overseas	53.3	46.1	52.5	50.0	55.5	58.3	55.6	62.3	51.5
Area of usual residence									
Capital city	52.5	48.8	48.7	47.8	52.0	43.0	—	—	50.3
Balance of state/territory	44.5	44.7	43.6	38.7	44.5	40.7	50.0	55.6	44.5
<b>Total</b>	<b>49.8</b>	<b>47.8</b>	<b>46.0</b>	<b>45.6</b>	<b>50.1</b>	<b>41.6</b>	<b>50.0</b>	<b>55.6</b>	<b>48.2</b>

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

(b) Refers to mainly urban areas only. For further information see paragraph 9 of the Explanatory Notes.

PERSONS WITH A NON-SCHOOL QUALIFICATION(a), Level and main field of highest non-school qualification—By age

	AGE GROUP (YEARS)						Total
	15-19	20-24	25-34	35-44	45-54	55-64	
	'000	'000	'000	'000	'000	'000	'000
Level of highest non-school qualification							
Postgraduate degree	—	*3.0	66.4	91.5	88.2	45.0	294.0
Graduate diploma / Graduate certificate	—	9.6	72.4	96.7	95.1	40.9	314.7
Bachelor degree	**0.4	197.7	573.7	424.7	336.0	154.8	1 687.4
Advanced diploma / Diploma	8.8	82.8	244.8	240.4	229.6	142.9	949.4
Certificate III / IV	30.0	177.8	493.3	501.5	426.6	281.9	1 911.1
Certificate I / II	31.5	69.1	188.1	221.8	192.0	116.7	819.1
Certificate not further defined	19.9	49.1	41.6	32.5	22.3	5.7	171.2
Level not determined	*1.9	*4.1	15.3	22.5	22.5	17.8	84.0
Main field of highest non-school qualification							
Natural and physical sciences	**1.1	20.3	60.5	54.7	45.6	23.7	205.9
Information technology	5.7	32.2	80.6	54.5	32.9	9.5	215.3
Engineering and related technology	11.6	88.3	298.9	373.9	321.0	217.6	1 311.2
Architecture and building	*3.8	32.9	105.9	107.8	97.4	63.5	411.4
Agriculture, environmental and related studies	*5.1	27.7	54.9	46.6	30.7	18.1	183.2
Health	*3.2	37.7	144.8	182.1	161.6	91.6	621.0
Education	**0.8	21.8	102.6	115.9	150.7	78.7	470.4
Management and commerce	24.0	158.9	429.1	357.8	288.5	155.5	1 413.8
Society and culture	9.5	67.2	196.8	184.0	177.8	81.1	716.4
Creative arts	*5.5	40.5	78.6	55.6	38.6	23.4	242.3
Food, hospitality and personal services	21.0	59.5	129.8	82.0	58.3	36.9	387.5
Mixed field programmes	**0.8	*1.3	*1.3	**0.6	—	**0.3	*4.2
Field not determined	**0.3	*4.8	11.8	16.2	9.3	5.9	48.4
<b>Total</b>	<b>92.5</b>	<b>593.2</b>	<b>1 695.5</b>	<b>1 631.7</b>	<b>1 412.3</b>	<b>805.8</b>	<b>6 231.0</b>

— nil or rounded to zero (including null cells)

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

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

PERSONS WITH A NON-SCHOOL QUALIFICATION(a), Level of highest non-school qualification—By highest year of school completed

Level of highest non-school qualification	HIGHEST YEAR OF SCHOOL COMPLETED				
	Year 12	Year 11	Year 10	Year 9 or below	Total(b)
	'000	'000	'000	'000	'000
MALES					
Postgraduate degree	167.6	*4.4	*2.5	**0.4	175.0
Graduate diploma / Graduate certificate	106.0	7.3	7.2	**0.9	121.5
Bachelor degree	757.6	19.7	22.5	*4.8	804.6
Advanced diploma / Diploma	296.1	34.3	68.6	10.8	409.8
Certificate III / IV	371.5	234.9	652.9	179.6	1 439.2
Certificate I / II	99.7	44.8	86.2	24.5	255.4
Certificate not further defined	33.1	11.7	18.8	9.6	73.2
Level not determined	18.9	*5.3	10.2	*3.5	37.8
<b>Total</b>	<b>1 850.5</b>	<b>362.3</b>	<b>869.0</b>	<b>234.0</b>	<b>3 316.5</b>
FEMALES					
Postgraduate degree	114.0	*1.4	*2.7	**0.8	119.0
Graduate diploma / Graduate certificate	176.5	6.3	9.2	**1.1	193.2
Bachelor degree	792.4	32.1	51.8	6.0	882.8
Advanced diploma / Diploma	376.7	55.1	90.1	17.7	539.6
Certificate III / IV	179.5	74.3	170.9	46.9	471.9
Certificate I / II	200.3	91.3	218.4	53.8	563.7
Certificate not further defined	48.9	17.7	25.8	*5.6	98.0
Level not determined	17.5	7.7	14.7	6.3	46.2
<b>Total</b>	<b>1 905.9</b>	<b>286.0</b>	<b>583.6</b>	<b>138.2</b>	<b>2 914.4</b>
PERSONS					
Postgraduate degree	281.6	5.9	*5.2	**1.2	294.0
Graduate diploma / Graduate certificate	282.6	13.6	16.4	*2.1	314.7
Bachelor degree	1 550.1	51.8	74.3	10.7	1 687.4
Advanced diploma / Diploma	672.8	89.4	158.7	28.5	949.4
Certificate III / IV	551.0	309.2	823.8	226.5	1 911.1
Certificate I / II	300.0	136.1	304.6	78.3	819.1
Certificate not further defined	82.0	29.3	44.6	15.2	171.2
Level not determined	36.4	13.0	24.9	9.8	84.0
<b>Total</b>	<b>3 756.4</b>	<b>648.3</b>	<b>1 452.6</b>	<b>372.2</b>	<b>6 231.0</b>

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

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

(b) Includes persons who never attended school.



## ALL PERSONS, Level of highest educational attainment(a)—By state or territory

	NSW	Vic.	Qld	SA	WA	Tas.	NT(b)	ACT	Aust.
Level of highest educational attainment	'000	'000	'000	'000	'000	'000	'000	'000	'000

## MALES

Postgraduate degree	78.3	38.9	22.5	8.1	13.5	3.2	*1.8	8.8	175.0
Graduate diploma / Graduate certificate	38.6	35.7	20.4	8.4	11.3	*1.6	*1.1	4.3	121.5
Bachelor degree	282.2	230.6	121.2	48.4	81.7	12.6	5.8	22.1	804.6
Advanced diploma / Diploma	141.2	98.4	76.1	30.6	46.0	7.3	3.1	7.0	409.8
Certificate III / IV	472.1	334.6	291.1	115.0	163.2	34.8	13.2	15.3	1 439.2
Certificate I / II	12.2	8.5	7.5	*3.0	*3.3	*1.6	**0.4	**0.2	36.6
Certificate not further defined	*3.2	*2.8	*2.2	*0.7	**0.5	—	**0.2	—	9.6
Year 12	414.8	306.8	232.4	79.2	123.4	18.3	8.2	26.3	1 209.3
Year 11	78.7	170.5	68.9	76.2	50.6	7.7	6.2	4.3	463.2
Year 10 or below	626.2	385.7	363.5	119.6	164.5	58.6	13.4	18.9	1 750.4
Level not determined	16.6	10.1	*3.7	*1.6	*2.6	2.2	**0.4	*0.6	37.8
<b>Total(c)</b>	<b>2 169.4</b>	<b>1 628.0</b>	<b>1 214.2</b>	<b>491.0</b>	<b>662.2</b>	<b>148.7</b>	<b>54.4</b>	<b>108.0</b>	<b>6 475.9</b>

## FEMALES

Postgraduate degree	53.7	24.9	19.5	5.8	8.3	*1.5	*1.3	4.0	119.0
Graduate diploma / Graduate certificate	55.5	67.0	26.4	12.0	21.9	3.2	*1.2	6.1	193.2
Bachelor degree	309.5	241.5	154.5	54.8	81.2	12.3	7.5	21.5	882.8
Advanced diploma / Diploma	190.4	131.5	95.2	40.3	58.5	9.3	5.0	9.4	539.6
Certificate III / IV	153.2	98.9	104.9	36.5	54.0	13.8	4.2	6.4	471.9
Certificate I / II	26.7	17.3	13.8	7.3	6.9	3.9	*0.8	*1.2	77.9
Certificate not further defined	*3.5	**0.7	**0.6	**0.2	*0.4	—	—	*0.1	*5.6
Year 12	446.3	361.5	264.9	91.9	132.1	22.5	10.4	26.8	1 356.4
Year 11	109.1	216.0	90.4	85.7	62.1	12.9	6.9	5.7	588.8
Year 10 or below	782.1	452.8	440.1	150.6	212.4	72.5	13.1	28.1	2 151.7
Level not determined	20.4	12.2	5.4	*1.9	*3.7	*1.3	*0.1	*1.2	46.2
<b>Total(c)</b>	<b>2 155.2</b>	<b>1 629.6</b>	<b>1 220.3</b>	<b>487.8</b>	<b>643.2</b>	<b>153.4</b>	<b>50.8</b>	<b>110.6</b>	<b>6 450.9</b>

## PERSONS

Postgraduate degree	132.0	63.8	42.0	13.8	21.8	4.7	3.1	12.8	294.0
Graduate diploma / Graduate certificate	94.1	102.7	46.8	20.4	33.2	4.8	2.3	10.4	314.7
Bachelor degree	591.7	472.2	275.7	103.2	162.9	24.9	13.3	43.6	1 687.4
Advanced diploma / Diploma	331.6	229.9	171.4	70.9	104.5	16.6	8.2	16.4	949.4
Certificate III / IV	625.3	433.4	396.0	151.4	217.3	48.7	17.4	21.7	1 911.1
Certificate I / II	38.9	25.8	21.3	10.3	10.2	5.4	*1.2	*1.4	114.5
Certificate not further defined	*6.7	*3.5	*2.8	*0.9	*0.9	—	**0.2	*0.1	15.2
Year 12	861.1	668.3	497.2	171.0	255.4	40.8	18.6	53.1	2 565.7
Year 11	187.8	386.6	159.3	161.9	112.8	20.6	13.0	10.0	1 052.0
Year 10 or below	1 408.2	838.5	803.7	270.2	376.9	131.1	26.5	47.0	3 902.1
Level not determined	37.0	22.3	9.1	3.5	6.3	3.5	**0.5	*1.8	84.0
<b>Total(c)</b>	<b>4 324.6</b>	<b>3 257.6</b>	<b>2 434.4</b>	<b>978.9</b>	<b>1 305.5</b>	<b>302.1</b>	<b>105.2</b>	<b>218.6</b>	<b>12 926.8</b>

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— 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 22–24 of the Explanatory

Notes for further details on how level of highest educational attainment is determined.

(b) Refers to mainly urban areas only. For further information see paragraph 9 of the Explanatory Notes.

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

	AGE GROUP (YEARS)						
	15-19	20-24	25-34	35-44	45-54	55-64	Total
	'000	'000	'000	'000	'000	'000	'000
Level of highest educational attainment(a)							
Postgraduate degree	—	*3.0	66.4	91.5	88.2	45.0	294.0
Graduate diploma / Graduate certificate	—	9.6	72.4	96.7	95.1	40.9	314.7
Bachelor degree	**0.4	197.7	573.7	424.7	336.0	154.8	1 687.4
Advanced diploma / Diploma	8.8	82.8	244.8	240.4	229.6	142.9	949.4
Certificate III / IV	30.0	177.8	493.3	501.5	426.6	281.9	1 911.1
Certificate I / II	*5.3	9.3	12.5	24.1	32.1	31.3	114.5
Certificate not further defined	**0.6	**1.0	*3.0	*5.5	*3.2	*1.9	15.2
Year 12	407.0	605.1	619.3	430.8	336.9	166.6	2 565.7
Year 11	262.4	90.0	216.4	248.0	169.1	65.9	1 052.0
Year 10 or below	621.6	196.6	544.7	803.8	870.5	865.0	3 902.1
Level not determined	*1.9	*4.1	15.3	22.5	22.5	17.8	84.0
Main field of education							
Natural and physical sciences	*0.8	19.6	59.5	51.9	44.4	22.9	199.1
Information technology	*4.5	27.5	66.8	44.7	26.9	6.6	177.1
Engineering and related technologies	*3.7	77.6	280.6	346.4	295.7	207.5	1 211.4
Architecture and building	*1.8	31.3	102.9	103.5	94.0	61.7	395.2
Agriculture, environmental and related studies	*3.2	19.7	43.4	34.0	22.0	14.2	136.5
Health	*2.3	34.7	136.9	166.4	148.5	85.8	574.6
Education	**0.8	21.8	101.4	113.7	147.3	77.2	462.1
Management and commerce	9.9	114.2	319.9	242.9	193.9	102.3	983.2
Society and culture	7.0	59.6	184.5	170.6	168.7	75.8	666.0
Creative arts	*3.3	35.4	73.5	49.6	34.6	22.4	218.9
Food, hospitality and personal services	9.2	39.9	101.2	67.5	49.5	34.1	301.4
Mixed field programmes(b)	1 302.0	892.3	1 380.7	1 483.2	1 376.4	1 097.7	7 532.3
Field not determined	*0.3	*3.5	10.4	15.2	7.7	5.9	43.1
Total(c)	1 348.8	1 377.8	2 867.7	2 895.0	2 614.5	1 823.0	12 926.8

— nil or rounded to zero (including null cells)

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\*\* 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 22-24 of the

Explanatory Notes for further details on how level of highest educational attainment is determined.

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

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

## LEVEL OF HIGHEST EDUCATIONAL ATTAINMENT

	Post-graduate degree	Graduate diploma / Graduate certificate	Bachelor degree	Advanced diploma / Diploma	Certificate III / IV	Certificate I / II	Certificate n.f.d.	Year 12 or below	Total(b)
	'000	'000	'000	'000	'000	'000	'000	'000	'000
Natural and physical sciences	36.4	8.3	134.1	15.8	*2.6	**0.8	—	—	199.1
Information technology	13.2	17.7	69.9	42.7	23.9	*4.1	*1.9	—	177.1
Engineering and related technologies	26.5	10.5	151.1	115.3	873.5	18.0	*4.0	—	1 211.4
Architecture and building	*2.2	*1.7	34.9	25.5	323.2	*4.2	—	—	395.2
Agriculture, environmental and related studies	7.4	*4.6	32.9	28.6	53.0	5.9	*1.8	—	136.5
Health	35.1	40.5	270.9	143.7	65.1	6.9	**0.8	—	574.6
Education	24.3	103.4	206.6	110.7	13.0	**0.7	**0.4	—	462.1
Management and commerce	73.6	64.0	336.1	255.9	179.4	43.9	*4.6	—	983.2
Society and culture	61.4	50.1	333.9	105.4	95.2	11.1	*1.6	—	666.0
Creative arts	10.7	12.5	91.2	63.3	32.0	*5.0	—	—	218.9
Food, hospitality and personal services	—	**0.4	*2.2	35.4	247.6	13.5	**0.2	—	301.4
Mixed field programmes(c)	—	—	—	**0.2	**0.4	**0.4	—	7 530.6	7 532.3
Field not determined	*3.4	**1.1	23.5	6.9	*2.4	—	—	—	43.1
<b>Total</b>	<b>294.0</b>	<b>314.7</b>	<b>1 687.4</b>	<b>949.4</b>	<b>1 911.1</b>	<b>114.5</b>	<b>15.2</b>	<b>7 530.6</b>	<b>12 926.8</b>

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— 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 22-24 of the Explanatory Notes for further details on how highest educational attainment is determined.

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

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

## LABOUR FORCE STATUS

<i>Level of highest educational attainment</i>	<i>Full-time workers</i>	<i>Part-time workers</i>	<i>Total employed</i>	<i>Unemployed</i>	<i>In the labour force</i>	<i>Not in the labour force</i>	<i>Total</i>
	'000	'000	'000	'000	'000	'000	'000
<b>MALES</b>							
Postgraduate degree	150.7	8.8	159.5	5.7	165.1	9.9	175.0
Graduate diploma / Graduate certificate	97.5	10.8	108.3	*2.7	111.0	10.5	121.5
Bachelor degree	656.1	68.6	724.7	21.8	746.5	58.1	804.6
Advanced diploma / Diploma	313.7	41.2	354.9	16.5	371.4	38.4	409.8
Certificate III / IV	1 159.4	96.6	1 256.0	48.5	1 304.5	134.8	1 439.2
Certificate I / II	22.8	*3.5	26.4	*3.4	29.7	6.9	36.6
Certificate not further defined	7.1	**0.9	8.0	**1.1	9.1	**0.5	9.6
Year 12	725.4	207.8	933.3	75.0	1 008.2	201.1	1 209.3
Year 11	267.6	66.3	334.0	33.0	366.9	96.2	463.2
Year 10 or below	920.0	191.6	1 111.6	150.3	1 261.9	488.5	1 750.4
Level not determined	28.1	*3.4	31.5	*2.6	34.1	*3.7	37.8
<b>Total(b)</b>	<b>4 352.2</b>	<b>700.1</b>	<b>5 052.3</b>	<b>361.2</b>	<b>5 413.5</b>	<b>1 062.4</b>	<b>6 475.9</b>
<b>FEMALES</b>							
Postgraduate degree	77.7	22.6	100.3	*2.1	102.5	16.5	119.0
Graduate diploma / Graduate certificate	106.0	55.8	161.8	*1.5	163.3	29.9	193.2
Bachelor degree	471.6	237.5	709.1	21.1	730.2	152.7	882.8
Advanced diploma / Diploma	229.5	160.7	390.2	21.1	411.3	128.3	539.6
Certificate III / IV	191.8	139.7	331.6	21.1	352.6	119.3	471.9
Certificate I / II	19.6	22.5	42.1	5.8	47.8	30.1	77.9
Certificate not further defined	*1.5	*2.1	*3.7	**0.7	*4.3	**1.2	*5.6
Year 12	461.4	428.9	890.2	62.4	952.7	403.7	1 356.4
Year 11	150.9	195.6	346.5	32.6	379.2	209.6	588.8
Year 10 or below	453.5	554.6	1 008.1	91.5	1 099.7	1 052.0	2 151.7
Level not determined	16.1	12.0	28.1	**1.1	29.2	17.0	46.2
<b>Total(b)</b>	<b>2 179.9</b>	<b>1 833.7</b>	<b>4 013.6</b>	<b>261.1</b>	<b>4 274.7</b>	<b>2 176.2</b>	<b>6 450.9</b>
<b>PERSONS</b>							
Postgraduate degree	228.4	31.4	259.8	7.8	267.6	26.4	294.0
Graduate diploma / Graduate certificate	203.5	66.7	270.1	*4.2	274.3	40.4	314.7
Bachelor degree	1 127.7	306.1	1 433.8	42.9	1 476.7	210.7	1 687.4
Advanced diploma / Diploma	543.2	201.9	745.1	37.6	782.7	166.7	949.4
Certificate III / IV	1 351.2	236.3	1 587.5	69.6	1 657.1	254.0	1 911.1
Certificate I / II	42.4	26.0	68.4	9.1	77.6	37.0	114.5
Certificate not further defined	8.6	*3.1	11.7	*1.8	13.5	*1.7	15.2
Year 12	1 186.8	636.7	1 823.5	137.4	1 960.9	604.8	2 565.7
Year 11	418.5	262.0	680.5	65.6	746.1	305.9	1 052.0
Year 10 or below	1 373.5	746.2	2 119.7	241.8	2 361.6	1 540.5	3 902.1
Level not determined	44.2	15.4	59.6	*3.7	63.4	20.7	84.0
<b>Total(b)</b>	<b>6 532.0</b>	<b>2 533.8</b>	<b>9 065.8</b>	<b>622.4</b>	<b>9 688.2</b>	<b>3 238.7</b>	<b>12 926.8</b>

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

## LEVEL OF HIGHEST EDUCATIONAL ATTAINMENT

	Post-graduate degree	Graduate diploma / Graduate certificate	Bachelor degree	Advanced diploma / Diploma	Certificate III / IV	Certificate I / II	Certificate n.f.d.	Year 12 or below	Total(b)
	'000	'000	'000	'000	'000	'000	'000	'000	'000
<b>Sex</b>									
Males	159.5	108.3	724.7	354.9	1 256.0	26.4	8.0	2 378.8	5 052.3
Females	100.3	161.8	709.1	390.2	331.6	42.1	*3.7	2 244.9	4 013.6
<b>Age group (years)</b>									
15–19	—	—	**0.1	7.2	21.9	*2.8	**0.6	613.0	646.5
20–24	*2.2	8.9	169.6	62.9	151.4	6.2	**0.6	608.1	1 013.2
25–34	57.6	64.2	488.4	196.4	422.2	7.0	*2.4	930.1	2 181.3
35–44	80.4	86.6	372.4	196.7	445.1	15.1	*4.2	1 049.1	2 267.1
45–54	82.9	86.2	297.9	191.2	366.4	23.8	*2.3	967.6	2 035.6
55–64	36.6	24.2	105.4	90.6	180.6	13.5	*1.6	455.9	922.0
<b>Occupation</b>									
Managers and administrators	42.2	28.1	137.2	66.5	109.4	*3.3	**1.2	264.5	660.6
Professionals	177.4	165.7	841.0	221.0	78.0	**1.2	**0.7	204.1	1 699.5
Associate professionals	23.7	31.4	165.6	134.8	196.0	9.3	**0.8	496.3	1 065.4
Tradespersons and related workers	*1.4	*4.1	27.2	47.2	652.3	8.2	**0.9	414.7	1 162.6
Advanced clerical and service workers	*1.6	7.9	37.5	42.0	35.2	*4.0	**0.4	262.1	394.9
Intermediate clerical, sales and service workers	7.8	22.2	140.3	138.3	191.3	19.9	*3.0	1 021.3	1 557.9
Intermediate production and transport workers	**1.1	*2.0	17.2	23.2	147.1	*4.7	*2.6	571.9	775.8
Elementary clerical, sales and service workers	*2.8	*5.3	44.8	45.7	72.5	9.8	**0.8	730.5	916.0
Labourers and related workers	*1.8	*3.4	22.8	26.4	105.6	8.0	*1.3	658.3	833.0
<b>Industry</b>									
Agriculture, forestry and fishing	*3.2	*3.2	20.8	23.1	49.0	*2.4	*1.7	248.6	355.7
Mining	*2.4	**0.9	13.3	*3.8	23.8	**0.7	**0.4	29.0	75.5
Manufacturing	14.1	15.0	97.4	70.0	294.6	6.0	*2.3	589.9	1 097.6
Electricity, gas and water supply	*2.3	**0.9	11.1	6.3	17.4	—	—	24.3	62.2
Construction	*1.2	*4.9	29.7	34.5	318.9	*4.9	**0.3	307.1	707.7
Wholesale trade	9.5	*5.6	49.0	29.6	76.8	*1.4	**0.4	258.6	433.3
Retail trade	*4.9	12.5	84.4	65.3	221.8	11.1	**1.1	993.9	1 401.6
Accommodation, cafes and restaurants	*2.3	*5.5	43.3	32.3	68.8	7.2	**0.2	298.3	459.5
Transport and storage	*3.7	*3.6	33.9	34.6	77.9	*3.5	**0.9	245.1	407.3
Communication services	*5.0	*3.9	22.1	14.3	27.0	**0.9	**0.2	91.8	165.4
Finance and insurance	14.3	16.4	87.0	31.6	21.5	*1.5	—	166.8	342.8
Property and business services	50.5	39.6	286.1	105.9	109.5	7.7	**1.0	442.1	1 050.4
Government administration and defence	23.7	21.6	94.2	38.9	36.9	*2.9	**0.4	162.2	383.3
Education	65.5	80.2	233.6	73.8	34.5	*2.3	**0.4	142.1	636.2
Health and community services	46.4	42.7	242.8	118.7	101.5	11.0	*1.6	311.4	883.9
Cultural and recreational services	*3.9	*5.4	46.0	22.5	23.9	*1.7	—	134.8	240.4
Personal and other services	6.9	8.1	39.0	39.9	83.9	*3.3	**0.8	177.8	363.1
<b>Total</b>	<b>259.8</b>	<b>270.1</b>	<b>1 433.8</b>	<b>745.1</b>	<b>1 587.5</b>	<b>68.4</b>	<b>11.7</b>	<b>4 623.7</b>	<b>9 065.8</b>

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

# PERSONS STARTING OR LEAVING A COURSE OF STUDY LEADING TO A QUALIFICATION—Selected characteristics

	NSW	Vic.	Qld	SA	WA	Tas.	NT(a)	ACT	Aust.
	'000	'000	'000	'000	'000	'000	'000	'000	'000
STARTERS (b)									
Sex									
Males	59.7	41.9	30.2	14.3	16.8	2.7	*1.8	3.0	170.2
Females	67.7	58.3	35.1	13.9	20.9	4.6	2.7	2.3	205.6
Age group (years)									
15–19	11.6	9.4	6.4	*1.2	*3.8	*0.4	**0.1	*0.6	33.5
20–24	25.2	25.2	17.9	6.3	7.2	*1.7	*0.6	*0.6	84.6
25–34	44.3	32.7	15.9	10.3	11.6	2.5	2.2	2.2	121.7
35–44	26.0	22.0	15.8	5.2	8.2	1.9	*0.7	*1.3	81.2
45–54	18.4	9.9	7.8	4.6	5.5	*0.6	*0.7	*0.5	48.1
55–64	*2.0	**1.0	*1.5	**0.5	*1.4	**0.1	**0.1	**0.1	6.7
Labour force status									
Full-time workers	56.8	44.6	29.9	12.0	15.7	3.5	2.4	2.6	167.3
Part-time workers	26.5	27.8	15.7	6.0	9.8	*1.5	*1.3	*1.4	90.0
Unemployed	9.9	*4.9	*5.3	*2.6	*2.4	*0.6	—	**0.1	25.7
Not in the labour force	34.3	22.9	14.4	7.6	9.7	*1.8	*0.7	*1.3	92.7
Total	127.4	100.2	65.3	28.2	37.7	7.3	4.4	5.3	375.8
LEAVERS (c)									
Sex									
Males	135.9	110.8	83.4	37.7	52.6	10.4	4.4	9.4	444.5
Females	143.2	103.0	91.5	37.5	43.8	11.7	5.6	8.8	445.2
Age group (years)									
15–19	56.4	34.8	38.8	15.1	23.2	5.1	*1.3	2.7	177.3
20–24	62.0	53.8	36.9	15.8	19.4	4.5	*1.6	5.4	199.4
25–34	73.7	59.4	41.9	17.6	20.4	4.4	3.0	4.9	225.4
35–44	46.1	33.5	30.9	14.8	17.1	3.2	*2.0	2.8	150.5
45–54	34.1	22.6	20.3	9.4	11.8	3.6	*1.6	*1.6	105.1
55–64	*6.9	9.5	6.1	*2.5	4.5	*1.2	**0.5	*0.8	32.0
Labour force status									
Full-time workers	165.7	129.9	101.5	44.4	52.7	12.4	7.1	12.7	526.5
Part-time workers	51.5	41.8	36.1	15.4	22.3	5.9	*1.5	3.3	177.8
Unemployed	29.2	19.8	18.8	7.6	9.1	*1.7	*0.5	*1.0	87.6
Not in the labour force	32.8	22.3	18.5	8.0	12.2	2.0	*0.8	*1.2	97.8
Total	279.2	213.8	174.9	75.3	96.4	22.0	9.9	18.2	889.7

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\*\* 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 only. For more information see paragraph 9 of the Explanatory Notes.

(b) Refers to persons aged 15–64 years who were not enrolled in a course of study leading to a qualification in 2001 but who were enrolled in a course of study leading to a qualification in May 2002.

(c) Refers to persons aged 15–64 years who were enrolled in a course of study leading to a qualification in 2001 but who were not enrolled in a course of study leading to a qualification in May 2002.

	<i>Enrolled full- time in May 2002</i>	<i>Enrolled part- time in May 2002</i>	<i>Not enrolled in May 2002</i>	<i>Total</i>
	'000	'000	'000	'000
.....				
ENROLLED FULL-TIME IN 2001				
Full-time workers at May 2002	*3.5	20.5	55.4	79.4
Part-time workers at May 2002	330.9	12.8	41.7	385.3
Unemployed at May 2002	67.5	*2.4	30.8	100.7
Not in the labour force at May 2002	514.1	*1.4	14.9	530.3
<i>Total</i>	916.0	37.1	142.8	1 095.8
.....				
ENROLLED PART-TIME IN 2001				
Full-time workers at May 2002	**0.5	35.4	19.9	55.8
Part-time workers at May 2002	*3.0	*3.0	6.5	12.5
Unemployed at May 2002	—	*1.6	*4.1	5.7
Not in the labour force at May 2002	**1.0	*2.8	*4.1	8.0
<i>Total</i>	*4.6	42.9	34.6	82.0
.....				
NOT ENROLLED IN 2001				
Full-time workers at May 2002	**1.1	10.9	67.4	79.4
Part-time workers at May 2002	7.8	*2.0	24.1	34.0
Unemployed at May 2002	**1.2	—	23.7	24.9
Not in the labour force at May 2002	10.2	**0.2	22.3	32.7
<i>Total</i>	20.4	13.1	137.5	171.0
.....				
TOTAL				
Full-time workers at May 2002	*5.1	66.8	142.7	214.6
Part-time workers at May 2002	341.8	17.8	72.3	431.9
Unemployed at May 2002	68.7	*4.0	58.5	131.3
Not in the labour force at May 2002	525.3	*4.3	41.3	571.0
<b>Total</b>	<b>940.9</b>	<b>93.1</b>	<b>314.8</b>	<b>1 348.8</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) In this table, 'enrolled' refers to persons in a course of study leading to a qualification, including persons studying for Year 12 or below.

	<i>Enrolled full- time in May 2002</i>	<i>Enrolled part- time in May 2002</i>	<i>Not enrolled in May 2002</i>	<i>Total</i>
	'000	'000	'000	'000
.....				
ENROLLED FULL-TIME IN 2001				
Full-time workers at May 2002	9.4	9.7	69.4	88.6
Part-time workers at May 2002	152.7	7.1	20.7	180.5
Unemployed at May 2002	15.0	*2.0	12.0	29.0
Not in the labour force at May 2002	118.1	*1.4	6.6	126.1
<i>Total</i>	295.2	20.2	108.7	424.2
.....				
ENROLLED PART-TIME IN 2001				
Full-time workers at May 2002	*1.5	74.8	68.3	144.7
Part-time workers at May 2002	*5.3	12.1	9.9	27.4
Unemployed at May 2002	**0.7	*2.2	*4.8	7.7
Not in the labour force at May 2002	*4.1	*1.6	7.6	13.3
<i>Total</i>	11.7	90.7	90.6	193.0
.....				
NOT ENROLLED IN 2001				
Full-time workers at May 2002	*2.4	26.7	431.0	460.2
Part-time workers at May 2002	16.5	*5.3	90.1	111.9
Unemployed at May 2002	*4.7	*2.9	58.5	66.1
Not in the labour force at May 2002	22.4	*3.7	96.3	122.4
<i>Total</i>	46.0	38.6	676.0	760.6
.....				
TOTAL				
Full-time workers at May 2002	13.4	111.3	568.8	693.5
Part-time workers at May 2002	174.4	24.6	120.7	319.7
Unemployed at May 2002	20.4	7.1	75.4	102.8
Not in the labour force at May 2002	144.6	6.7	110.5	261.8
<b>Total</b>	<b>352.8</b>	<b>149.6</b>	<b>875.3</b>	<b>1 377.8</b>

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

(a) In this table, 'enrolled' refers to persons in a course of study leading to a qualification, including persons studying for Year 12 or below.



	AGE GROUP (YEARS)				SEX		
	15-19	20-24	25-44	45-64	Males	Females	Persons
	'000	'000	'000	'000	'000	'000	'000
Level of education of current study leading to a qualification							
Postgraduate degree	—	*3.3	15.1	*4.6	11.7	11.3	23.0
Graduate diploma / Graduate certificate	—	*4.8	18.1	*2.9	8.5	17.2	25.7
Bachelor Degree	10.8	24.5	37.1	*3.3	34.8	40.9	75.7
Advanced diploma / Diploma	*4.0	14.3	37.9	9.8	34.3	31.8	66.1
Certificate III / IV	9.3	17.5	40.1	11.0	39.3	38.6	77.9
Certificate I / II	*2.9	*3.5	14.8	5.9	10.5	16.6	27.1
Certificate not further defined	*3.1	11.7	29.6	13.7	21.6	36.5	58.1
Year 12	*2.7	*3.0	*3.8	**0.6	*5.4	*4.7	10.1
Year 11	—	**0.4	—	—	**0.4	—	**0.4
Year 10 or below	**0.4	**0.3	**0.3	—	**0.3	**0.7	**1.0
Level not determined	**0.3	*1.5	6.1	*3.0	*3.5	7.3	10.7
Main field of education of current study leading to a qualification							
Natural and physical sciences	**0.9	*1.7	*2.9	—	*2.9	*2.6	*5.5
Information technology	**0.4	*4.1	16.1	6.3	14.0	12.9	26.9
Engineering and related technologies	5.9	7.6	14.2	*3.7	27.9	*3.5	31.4
Architecture and building	*2.0	*5.6	*5.5	**0.6	9.4	*4.2	13.7
Agriculture, environmental and related studies	**1.0	*3.4	6.3	**1.0	8.7	*3.1	11.7
Health	*1.8	5.7	20.0	*3.7	7.6	23.6	31.2
Education	**1.1	*3.2	16.9	*5.4	7.9	18.8	26.7
Management and commerce	6.2	22.7	65.6	16.9	51.2	60.3	111.4
Society and culture	*3.7	14.7	31.8	10.2	20.2	40.1	60.4
Creative arts	*4.1	5.9	10.9	*2.5	8.3	15.1	23.4
Food, hospitality and personal services	*3.1	*4.7	*5.5	*1.8	*4.7	10.4	15.1
Mixed field programmes(b)	*3.3	*4.4	5.8	*1.6	6.1	9.0	15.1
Field not determined	—	**0.8	*1.5	**1.0	*1.3	*2.0	*3.3
<b>Total</b>	<b>33.5</b>	<b>84.6</b>	<b>202.9</b>	<b>54.7</b>	<b>170.2</b>	<b>205.6</b>	<b>375.8</b>

— nil or rounded to zero (including null cells)

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

(a) Refers to persons aged 15-64 years who were not enrolled in a course of study leading to a qualification in 2001 but who were enrolled in a course of study leading to a qualification in May 2002.

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

	AGE GROUP (YEARS)				SEX		
	15–19	20–24	25–44	45–64	Males	Females	Persons
	'000	'000	'000	'000	'000	'000	'000
Level of education of study in 2001 leading to a qualification							
Postgraduate degree	—	*2.8	26.7	10.6	20.4	19.7	40.1
Graduate diploma / Graduate certificate	**0.6	*5.2	24.8	5.8	15.2	21.3	36.5
Bachelor Degree	6.5	75.1	55.5	11.9	69.4	79.6	149.0
Advanced diploma / Diploma	6.6	19.4	55.8	15.6	45.5	51.8	97.3
Certificate III / IV	20.0	59.5	91.4	31.8	117.0	85.8	202.7
Certificate I / II	12.1	13.4	33.9	16.4	31.9	44.0	75.9
Certificate not further defined	8.5	19.0	73.1	36.2	68.5	68.2	136.8
Year 12	67.0	*3.3	**0.1	**0.1	34.7	35.8	70.5
Year 11	15.8	**0.2	**0.3	—	8.6	7.8	16.4
Year 10 or below	39.9	—	**0.4	—	20.5	19.8	40.3
Level not determined	**0.3	*1.5	13.7	8.7	12.9	11.4	24.2
Main field of education of study in 2001 leading to a qualification							
Natural and physical sciences	**0.7	6.4	7.0	**1.1	7.6	7.7	15.2
Information technology	*2.9	14.9	32.8	16.8	38.0	29.4	67.4
Engineering and related technologies	8.6	38.7	40.3	9.7	90.5	6.9	97.4
Architecture and building	*4.8	11.1	15.2	*4.5	31.6	*3.9	35.5
Agriculture, environmental and related studies	*3.2	6.9	12.7	*5.2	18.9	9.1	28.0
Health	*2.3	14.9	32.2	16.4	21.7	44.1	65.8
Education	—	6.2	24.5	10.0	11.0	29.7	40.7
Management and commerce	13.6	42.7	113.8	41.9	89.7	122.3	212.0
Society and culture	6.4	24.0	61.4	22.5	39.8	74.5	114.3
Creative arts	*1.5	12.6	13.7	*3.4	14.5	16.7	31.3
Food, hospitality and personal services	9.9	15.6	16.5	*4.5	13.5	32.9	46.5
Mixed field programmes(b)	123.1	*3.5	*2.9	**0.9	64.5	65.9	130.4
Field not determined	**0.3	*1.7	*3.0	**0.2	*3.3	*2.0	*5.2
<b>Total</b>	<b>177.3</b>	<b>199.4</b>	<b>375.9</b>	<b>137.1</b>	<b>444.5</b>	<b>445.2</b>	<b>889.7</b>

— nil or rounded to zero (including null cells)

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

(a) Refers to persons aged 15–64 years who were enrolled in a course of study leading to a qualification in 2001 but who were not enrolled in a course of study leading to a qualification in May 2002.

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

## LABOUR FORCE STATUS

<i>Level of education of current study</i>	<i>Employed</i>	<i>Unemployed</i>	<i>In the labour force</i>	<i>Not in the labour force</i>	<i>Total</i>
	'000	'000	'000	'000	'000
Enrolled in May 2002					
Study leading to a qualification					
Bachelor degree or higher	32.5	10.6	43.1	42.3	85.4
Advanced diploma / Diploma	10.5	*2.4	12.9	8.0	20.9
Certificate III / IV	21.9	*1.3	23.2	*5.4	28.6
Certificate I / II	*3.9	*1.6	*5.5	*4.0	9.5
Certificate not further defined	*5.5	*2.0	7.5	*5.2	12.7
Year 12 or below	**1.0	**0.9	*1.8	*1.3	*3.2
Level not determined	*3.3	**0.2	*3.4	*3.1	6.6
<i>Total</i>	78.5	18.9	97.4	69.3	166.7
Study not leading to a qualification	*2.6	**0.8	*3.4	**1.0	*4.4
<i>Total</i>	81.1	19.8	100.8	70.3	171.1
Not enrolled in May 2002	81.0	26.0	107.0	12.5	119.5
<b>Total</b>	<b>162.1</b>	<b>45.8</b>	<b>207.8</b>	<b>82.8</b>	<b>290.6</b>

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

(a) Persons aged 15–24 years who attended school in 2001 but were not attending school in May 2002.

## LABOUR FORCE STATUS

	Full-time workers	Part-time workers	Total employed	Unemployed	In the labour Force	Not in the labour force	Total
	'000	'000	'000	'000	'000	'000	'000
AGED 15–19 YEARS							
Applied to enrol in a course of study for 2002	86.7	373.5	460.2	82.6	542.9	537.1	1 080.0
Studying in May 2002	73.4	361.8	435.2	75.3	510.5	532.2	1 042.7
Gained placement but deferred study	10.3	7.6	17.9	*5.3	23.2	*2.8	25.9
Study would lead to a qualification	10.3	6.8	17.1	*4.8	22.0	*2.8	24.7
TAFE	6.4	*1.8	8.2	*2.5	10.7	*1.7	12.4
Higher education	*3.1	*3.8	6.8	**0.4	7.2	**1.0	8.2
Other	**0.8	*1.3	*2.1	*1.9	*4.0	**0.1	*4.1
Study would not lead to a qualification	—	**0.8	**0.8	**0.5	**1.2	—	**1.2
Unable to gain placement	*3.0	*4.1	7.1	*2.1	9.2	*2.1	11.3
Study would lead to a qualification	*3.0	*3.8	6.8	*2.1	8.9	**1.1	9.9
TAFE	*1.6	*3.1	*4.8	*2.1	6.8	**1.1	7.9
Higher education	**0.7	—	**0.7	—	**0.7	—	**0.7
Other	**0.7	**0.7	*1.4	—	*1.4	—	*1.4
Study would not lead to a qualification	—	**0.3	**0.3	—	**0.3	**1.1	*1.4
Did not apply to enrol in 2002	127.9	58.4	186.3	48.7	235.0	33.8	268.8
Total	214.6	431.9	646.5	131.3	777.9	571.0	1 348.8

## AGED 20–24 YEARS

Applied to enrol in a course of study for 2002	138.2	206.7	344.9	34.1	379.0	158.1	537.1
Studying in May 2002	127.3	202.0	329.3	28.2	357.5	154.4	511.9
Gained placement but deferred study	7.1	*2.2	9.3	*2.0	11.2	*2.3	13.5
Study would lead to a qualification	7.1	*2.2	9.3	*2.0	11.2	*1.5	12.7
TAFE	*2.0	**0.9	*2.9	**0.7	*3.6	*1.5	*5.1
Higher education	*4.9	*1.2	6.2	**0.6	6.7	—	6.7
Other	**0.2	—	**0.2	**0.7	**0.9	—	**0.9
Study would not lead to a qualification	—	—	—	—	—	**0.7	**0.7
Unable to gain placement	*3.8	*2.5	6.3	*4.0	10.2	*1.4	11.7
Study would lead to a qualification	*3.4	*2.5	5.8	*4.0	9.8	*1.4	11.2
TAFE	*1.4	**0.6	*1.9	*2.7	*4.6	**0.5	*5.1
Higher education	*2.0	*1.7	*3.7	*1.3	*5.0	**0.9	5.9
Other	—	**0.2	**0.2	—	**0.2	—	**0.2
Study would not lead to a qualification	**0.5	—	**0.5	—	**0.5	—	**0.5
Did not apply to enrol in 2002	555.3	113.1	668.3	68.7	737.0	103.7	840.7
Total	693.5	319.7	1 013.2	102.8	1 116.0	261.8	1 377.8

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\*\* 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

	Full-time workers	Part-time workers	Total employed	Unemployed	In the labour Force	Not in the labour force	Total
	'000	'000	'000	'000	'000	'000	'000
AGED 25-64 YEARS							
Applied to enrol in a course of study for 2002	483.2	215.9	699.1	63.4	762.5	223.7	986.1
Studying in May 2002	409.8	187.0	596.9	45.1	641.9	194.0	835.9
Gained placement but deferred study	52.2	17.3	69.6	8.5	78.1	16.3	94.4
Study would lead to a qualification	39.1	12.1	51.2	6.0	57.2	11.5	68.7
TAFE	14.2	*4.5	18.7	*3.0	21.7	6.0	27.7
Higher education	12.3	*3.9	16.2	*1.9	18.1	*2.1	20.2
Other	12.5	*3.7	16.3	**1.1	17.4	*3.4	20.8
Study would not lead to a qualification	13.2	*5.2	18.4	*2.5	20.9	*4.8	25.7
Unable to gain placement	21.1	11.5	32.7	9.8	42.4	13.4	55.8
Study would lead to a qualification	19.7	10.5	30.2	8.6	38.8	10.3	49.1
TAFE	8.3	7.3	15.6	6.1	21.7	*4.9	26.6
Higher education	9.4	*2.5	12.0	*2.2	14.2	*2.4	16.6
Other	*1.9	**0.7	*2.6	**0.3	*3.0	*3.0	6.0
Study would not lead to a qualification	*1.5	**1.0	*2.5	**1.1	*3.6	*3.1	6.7
Did not apply to enrol in 2002	5 140.7	1 566.3	6 707.0	324.9	7 031.9	2 182.3	9 214.1
<b>Total</b>	<b>5 623.9</b>	<b>1 782.1</b>	<b>7 406.1</b>	<b>388.2</b>	<b>7 794.3</b>	<b>2 405.9</b>	<b>10 200.3</b>

## TOTAL

Applied to enrol in a course of study for 2002	708.2	796.1	1 504.2	180.1	1 684.3	918.9	2 603.2
Studying in May 2002	610.5	750.9	1 361.4	148.5	1 510.0	880.6	2 390.5
Gained placement but deferred study	69.7	27.0	96.7	15.8	112.5	21.3	133.8
Study would lead to a qualification	56.5	21.1	77.6	12.8	90.4	15.8	106.2
TAFE	22.6	7.1	29.7	6.3	36.0	9.2	45.2
Higher education	20.3	8.9	29.2	*2.9	32.1	*3.1	35.2
Other	13.6	*5.0	18.6	*3.6	22.3	*3.5	25.8
Study would not lead to a qualification	13.2	6.0	19.2	*3.0	22.1	*5.5	27.7
Unable to gain placement	27.9	18.1	46.0	15.8	61.8	17.0	78.8
Study would lead to a qualification	26.0	16.8	42.8	14.7	57.5	12.8	70.3
TAFE	11.3	10.9	22.3	10.8	33.1	6.5	39.6
Higher education	12.1	*4.2	16.3	*3.5	19.8	*3.3	23.1
Other	*2.6	*1.6	*4.2	**0.3	*4.6	*3.0	7.6
Study would not lead to a qualification	*1.9	*1.3	*3.2	**1.1	*4.4	*4.2	8.5
Did not apply to enrol in 2002	5 823.9	1 737.7	7 561.6	442.3	8 003.8	2 319.8	10 323.6
<b>Total</b>	<b>6 532.0</b>	<b>2 533.8</b>	<b>9 065.8</b>	<b>622.4</b>	<b>9 688.2</b>	<b>3 238.7</b>	<b>12 926.8</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

## APPRENTICES, Selected characteristics—May 1992 to May 2002

	1992	1994	1996	1998	2000	2001	2002
	'000	'000	'000	'000	'000	'000	'000
Sex							
Males	121.3	99.9	111.4	107.7	121.9	118.2	108.6
Females	15.7	14.1	14.9	16.9	16.3	17.3	17.8
Age group (years)							
15–19	85.9	66.8	67.8	71.4	72.1	74.1	67.5
20–24	47.8	41.2	54.5	47.8	56.4	51.1	48.9
25–64	*3.3	5.9	*4.0	5.3	9.7	10.3	10.0
Industry							
Manufacturing	na	na	30.5	27.1	27.9	23.1	24.3
Construction	na	na	27.5	30.7	40.5	41.0	33.6
Wholesale and retail trade	na	na	28.3	31.1	35.2	31.4	33.9
Accommodation, cafes and restaurants	na	na	8.8	10.0	9.7	12.5	9.5
Cultural, recreational, personal and other services	na	na	10.6	10.7	12.1	12.2	11.9
Other	na	na	20.6	14.9	12.8	15.1	13.2
Field of trade							
Mechanical and fabrication engineering	26.1	21.1	18.5	15.4	20.2	17.0	17.1
Electrical and electronics	20.0	14.2	18.5	16.7	21.1	16.1	14.5
Construction	25.3	22.8	23.8	24.8	30.4	31.1	26.3
Automotive	19.4	15.2	21.9	17.7	22.2	22.0	23.9
Food	14.5	13.7	14.0	9.0	12.8	14.1	13.0
Hairdressing	10.5	7.6	7.8	7.2	10.1	10.5	8.1
Other fields	21.2	19.3	21.9	33.7	21.3	24.7	23.5
Commencement of apprenticeship							
Commenced in the last 12 months	28.3	39.4	36.9	44.5	50.3	46.4	49.5
Commenced more than 12 months ago	108.6	74.4	89.4	80.0	88.0	89.0	76.9
<b>Total</b>	<b>137.0</b>	<b>113.9</b>	<b>126.3</b>	<b>124.5</b>	<b>138.2</b>	<b>135.4</b>	<b>126.4</b>

\* estimate has a relative standard error of between 25% and 50% and should be used with caution      na    not available

	<i>Estimated number</i>
	'000
<b>Population 1</b>	
Persons aged 15–64 years including boarding school pupils (BSP) but excluding institutionalised persons and persons permanently unable to work	12 926.8
<b>Population 2</b>	
Persons aged 15–64 years who attended an educational institution in 2001	2 985.2
<b>Population 3</b>	
Persons aged 15–64 years who attended school in 2001	965.8
<b>Population 4</b>	
Persons aged 15–64 years who attended a tertiary institution in 2001	2 014.1
<b>Population 5</b>	
Leavers from full-time education (aged 15–64 years) at May 2002	450.7
<b>Population 6</b>	
Persons aged 15–64 years enrolled in a course of study in May 2002	2 390.5
<b>Population 7</b>	
Persons aged 15–64 years attending a tertiary institution in May 2002	1 708.5
<b>Population 8</b>	
Persons aged 15–64 years who have a non-school qualification	6 231.0
<b>Population 9</b>	
Persons aged 15–24 years who attended school in 2001 but were not attending school in May 2002	290.6
<b>Population 10</b>	
Employed persons aged 15–54 years who were apprentices in May 2002	126.4
<b>Population 11</b>	
Persons aged 15–64 years who were not enrolled in a course of study leading to a qualification in 2001 but who were enrolled in a course of study leading to a qualification in May 2002	375.8
<b>Population 12</b>	
Persons aged 15–64 years who were enrolled in a course of study leading to a qualification in 2001 but who were not enrolled in a course of study leading to a qualification in May 2002	889.7
<b>Population 13</b>	
Persons aged 15–64 years who were enrolled in a course of study leading to a qualification in 2001	2 791.6
<b>Population 14</b>	
Persons aged 15–64 years who were enrolled in a course of study leading to a qualification in May 2002	2 277.7
<b>Population 15</b>	
Employed persons aged 15–64 years	9 065.8
<b>Population 16</b>	
Unemployed persons aged 15–64 years	622.4

## 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 2002 as a supplement to the monthly Labour Force Survey (LFS).

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

**2** The SEW provides a range of key indicators relating to the educational participation and attainment of persons 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; level of highest non-school qualification, and level of highest educational attainment; non-school qualification completed in the previous year; characteristics of people's transition between education and work; and data on apprentices.

**3** The monthly publication *Labour Force, Australia* (cat. no. 6203.0) contains information about survey design, sample redesign, scope, coverage and population benchmarks relevant to the LFS, which also apply to supplementary surveys. It also contains definitions of demographic and labour force characteristics, and information about telephone interviewing relevant to both the LFS and supplementary surveys.

**4** 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).

### CONCEPTS SOURCES AND METHODS

**5** The conceptual framework used in Australia's LFS aligns closely with the standards and guidelines set out in Resolutions of the International Conference of Labour Statisticians. Descriptions of the underlying concepts and structure of Australia's labour force statistics, and the sources and methods used in compiling these estimates, are presented in *Labour Statistics: Concepts, Sources and Methods* (cat. no. 6102.0) which is also available on the ABS web site <<http://www.abs.gov.au>> (About Statistics—Concepts and Classifications).

### SCOPE

**6** The scope of the supplementary survey was restricted to persons aged 15–64 years and excludes the following persons:

- members of the permanent defence forces
- certain diplomatic personnel of overseas governments, customarily excluded from the Census and estimated resident population figures
- overseas residents in Australia
- members of non-Australian defence forces (and their dependants)
- persons permanently unable to work.

**7** Patients in hospitals, residents of homes (e.g. retirement homes, homes for persons with handicaps), and inmates of prisons are excluded from all supplementary surveys.

**8** Students at boarding schools are in scope for SEW. The 2002 survey yielded an estimate of 10,800 boarding school pupils aged 15 years or more. The only other information collected on these persons was sex and age.



## EXPLANATORY NOTES *continued*

### SCOPE *continued*

**9** This supplementary survey was conducted in both urban and rural areas in all states and territories, but excluded approximately 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 the Northern Territory where such persons account for over 20% of the population.

### COVERAGE

**10** The estimates in this publication relate to persons covered by the survey in May 2002. 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 in the survey. See *Labour Force, Australia* (cat. no. 6203.0) for more details.

### RELIABILITY OF THE ESTIMATES

**11** Estimates in this publication are subject to sampling and non-sampling errors:

- sampling error is the difference between the published estimate and the value that would have been produced if all dwellings had been included in the survey. For more information see the Technical Note.
- non-sampling errors are inaccuracies that occur because of imperfections in reporting by respondents and interviewers, and errors made in coding and processing data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers, and efficient processing procedures.

### SEASONAL FACTORS

**12** The estimates are based on information collected in the survey month, and due to seasonal factors they may not be representative of other months of the year.

### CLASSIFICATIONS USED

**13** Industry data are classified according to the ANZSIC — *Australian and New Zealand Standard Industrial Classification, 1993* (cat. no. 1292.0).

**14** Occupation data are classified according to the ASCO — *Australian Standard Classification of Occupations, Second Edition, 1997* (cat. no. 1220.0).

**15** Country of birth data are classified according to the SACC — *Standard Australian Classification of Countries, 1998* (cat. no. 1269.0).

### CLASSIFICATION OF EDUCATION

**16** 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 national standard classification which can be applied to all sectors of the Australian education system including schools, vocational education and training and higher education. ASCED 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.

**17** 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).

**18** 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.

## EXPLANATORY NOTES *continued*

### CLASSIFICATION OF EDUCATION *continued*

**19** 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.

**20** Field of Education 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.

**21** 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).

### LEVEL OF HIGHEST EDUCATIONAL ATTAINMENT

**22** Level of Highest Educational Attainment can be derived from information on Highest Year of School Completed and Level of Highest Non-school Qualification. The derivation process determines which of the 'non-school' or 'school' attainments will be regarded as the highest. 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.

**23** The following decision table is used to determine which of the responses to questions on Highest Year of School Completed (coded to ASCED Broad Level 6) and Level of Highest Non-school Qualification (coded to ASCED Broad Level 5) will be regarded as the highest. It is emphasised that this table was designed 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) CODES							
	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 I or II 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 (611)</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

### LEVEL OF HIGHEST EDUCATIONAL ATTAINMENT

*continued*

**24** 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 whose Highest Year of School Completed was Year 12, and whose Level of Highest Non-school Qualification was a 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. However, if the same person answered "Certificate" to the highest non-school qualification question, without offering any further detail, it would be crosschecked against Year 12 on the decision table as "Certificate not further defined". The output would then be "Year 12". The decision table, therefore, does not necessarily imply that one qualification is 'higher' than the other.

### COMPARABILITY OF TIME SERIES

**25** Revisions are made to population benchmarks for the LFS after each five-yearly Census of Population and Housing. The last such revision was made in February 1999 to take account of the results of the 1996 Census of Population and Housing. Estimates from supplementary surveys conducted from and including February 1999 are therefore based on revised population benchmarks.

**26** Supplementary surveys are not always conducted on the full LFS sample. Since August 1994 the sample for supplementary surveys has been restricted to no more than seven-eighths of the LFS sample. Since it was introduced, this survey has been conducted on various proportional samples and therefore sampling errors associated with previous supplementary surveys may vary from the sampling error for this survey.

## EXPLANATORY NOTES *continued*

### COMPARABILITY WITH MONTHLY LFS STATISTICS

**27** Due to differences in the scope and sample size of this supplementary survey and that of the LFS, the estimation procedure may lead to some small variations between labour force estimates from this survey and those from the LFS. The differences between the estimates appearing in this publication and *Labour Force, Australia* (cat. no. 6203.0) are chiefly the result of excluding persons aged 65 years and over from the sample of this supplementary survey.

**28** Core LFS series from April 1986 to March 2001 have been revised on the basis of the redesigned LFS questionnaire. Supplementary survey data have not been revised.

### PREVIOUS SURVEYS

**29** Results of similar surveys have been given in previous issues of this publication. These surveys were conducted annually from February 1964 to February 1974, in May 1975 and 1976, in August 1977 and 1978, and annually since May 1979. Results of previous surveys were published in:

*Transition from Education to Work, Australia*, cat. no. 6227.0.

*Standard data service, Transition from Education to Work, Australia, May 1995*, cat. no. 6227.0.40.001, (available in hardcopy only).

*Education and Work, Australia, 2001*, cat. no. 6227.0.

### NEXT SURVEY

**30** The ABS intends to conduct this survey again in May 2003.

### ACKNOWLEDGMENT

**31** 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

**32** 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.

### RELATED PUBLICATIONS

**33** Other publications which may be of interest include:

- *A Directory of Education and Training Statistics, Australia* (cat. no. 1136.0) — issued irregularly, latest issue: October 1997. Available on the ABS web site <<http://www.abs.gov.au>>.
- *Education and Training Experience, Australia* (cat. no. 6278.0) — issued four-yearly, latest issue 2001 released in May 2002.
- *Education and Training in Australia* (cat. no. 4224.0) — issued irregularly, final issue: November 1998.
- *Education and Training Indicators, Australia* (cat. no. 4230.0) — issued irregularly, first issue 2002 released in December 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.

**34** Current publications and other products released by the ABS are listed in the *Catalogue of Publications and Products* (cat. no. 1101.0). The Catalogue is available from any ABS office or the ABS web site <<http://www.abs.gov.au>>. The ABS also issues a daily Release Advice on the web site which details products to be released in the week ahead.

## APPENDIX 1 POPULATIONS AND DATA ITEMS LIST

### DATA AVAILABLE ON REQUEST

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. Country of birth (2)).

For more information about the ABS data available on request, contact James Ashburner by email at <james.ashburner@abs.gov.au> or on Canberra 02 6252 7934 or facsimile 02 6252 8013.

### SURVEY OF EDUCATION AND WORK 2002, Populations

<i>Population</i>	<i>Description</i>
-------------------	--------------------

- |    |  |
|----|--|
| 1  | Persons aged 15–64 years including boarding school pupils (BSP) but excluding institutionalised persons and persons permanently unable to work   |
| 2  | Persons aged 15–64 years who attended an educational institution in 2001   |
| 3  | Persons aged 15–64 years who attended school in 2001   |
| 4  | Persons aged 15–64 years who attended a tertiary institution in 2001   |
| 5  | Leavers from full-time education (aged 15–64 years) at May 2002  |
| 6  | Persons aged 15–64 years enrolled in a course of study in May 2002   |
| 7  | Persons aged 15–64 years attending a tertiary institution in May 2002  |
| 8  | Persons aged 15–64 years who have a non-school qualification   |
| 9  | Persons aged 15–24 years who attended school in 2001 but were not attending school in May 2002   |
| 10 | Employed persons aged 15–54 years who were apprentices in May 2002   |
| 11 | Persons aged 15–64 years who were not enrolled in a course of study leading to a qualification in 2001 but who were enrolled in a course of study leading to a qualification in May 2002 |
| 12 | Persons aged 15–64 years who were enrolled in a course of study leading to a qualification in 2001 but who were not enrolled in a course of study leading to a qualification in May 2002 |
| 13 | Persons aged 15–64 years who were enrolled in a course of study leading to a qualification in 2001   |
| 14 | Persons aged 15–64 years who were enrolled in a course of study leading to a qualification in May 2002   |
| 15 | Employed persons aged 15–64 years  |
| 16 | Unemployed persons aged 15–64 years  |

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

### SURVEY OF EDUCATION AND WORK 2002

<i>Data items</i>		<i>Populations</i>	<i>Data items</i>		<i>Populations</i>
<b>1</b>	<b>State or territory of usual residence</b>	All	<b>7</b>	<b>Relationship in household <i>cont.</i></b>	All
	New South Wales			Family member <i>cont.</i>	
	Victoria			Dependent student	
	Queensland			Non-dependent child	
	South Australia			Other family person	
	Western Australia			Non-family member	
	Tasmania			Lone person	
	Northern Territory			Not living alone	
	Australian Capital Territory			Not determined	
<b>2</b>	<b>Area of usual residence</b>	All	<b>8</b>	<b>Country of birth (1)</b>	All
	Capital city			Born in Australia	
	Balance of state/territory			Born overseas	
				Not asked (BSP)	
<b>3</b>	<b>Region of usual residence</b>	All	<b>9</b>	<b>Country of birth (2)</b>	All
	Standard labour force dissemination regions			Born in Australia	
<b>4</b>	<b>Sex</b>	All		Born overseas	
	Males			Oceania and Antarctica	
	Females			North-West Europe	
<b>5</b>	<b>Indigenous status</b>	All		Southern and Eastern Europe	
	Indigenous			North Africa and the Middle East	
	Non-Indigenous			South-East Asia	
<b>6</b>	<b>Marital status</b>	All		North-East Asia	
	Married			Southern and Central Asia	
	Not married			Americas	
<b>7</b>	<b>Relationship in household</b>	All		Sub-Saharan Africa	
	Family member			Other	
	Husband, wife or partner			Not asked (BSP)	
	With dependants				
	Without dependants				
	Lone parent				
	With dependants				
	Without dependants				

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

### SURVEY OF EDUCATION AND WORK 2002 *continued*

<i>Data items</i>	<i>Populations</i>	<i>Data items</i>	<i>Populations</i>
<b>10</b>	<b>Period of arrival in Australia</b>	<b>13</b>	<b>Labour force status of leavers at May 2002</b>
	Born in Australia		Attended school full-time in 2001
	Born overseas		In the Labour force
	Arrived before 1961		Employed
	Arrived 1961–1970		Unemployed
	Arrived 1971–1980		Not in the labour force
	Arrived 1981–1990		Attended tertiary full-time in 2001
	Arrived 1991–1995		In the Labour force
	Arrived 1996–2002		Employed
	Not asked (BSP)		Unemployed
<b>11</b>	<b>Age group (years)</b>		Not in the labour force
	15–19	<b>14</b>	<b>Status in employment in current job</b>
	20–24		Employee
	25–34		Other
	35–44	<b>15</b>	<b>Occupation</b>
	45–54		Managers and administrators
	55–59		Professionals
	60–64		Associate professionals
	Note: Other age units or groups as specified and appropriate for the populations are available.		Tradespersons and related workers
<b>12</b>	<b>Labour force status</b>		Advanced clerical and service workers
	In the Labour force		Intermediate clerical, sales and service workers
	Employed		Intermediate production and transport workers
	Full-time workers		Elementary clerical, sales and service workers
	Part-time workers		Labourers and related workers
	Unemployed		Note: While individual four digit occupations are collected, such data are usually subject to very high standard errors.
	Looking for full-time work		
	Looking for part-time work		
	Not in the Labour force		

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

### SURVEY OF EDUCATION AND WORK 2002 *continued*

<i>Data items</i>	<i>Populations</i>	<i>Data items</i>	<i>Populations</i>
<b>16</b>	<b>Occupation of last full-time job</b> (Categories and codes are the same as those listed above in data item 15 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	<b>18</b>	<b>Industry of last full-time job</b> (Categories and codes are the same as those listed above in data item 17 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
<b>17</b>	<b>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 services Finance and insurance Property and business services Government administration and defence Education Health and community services Cultural and recreational services Personal and other services Note: While individual three digit industries are collected, such data are usually subject to very high standard errors.	<b>19</b>	<b>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
		<b>20</b>	<b>Whether attended an educational institution, type of institution and type of attendance in 2001</b> Attended in 2001 School Full-time Part-time



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

### SURVEY OF EDUCATION AND WORK 2002 *continued*

<i>Data items</i>	<i>Populations</i>	<i>Data items</i>	<i>Populations</i>
<b>20</b>	<b>Whether attended an educational institution, type of institution and type of attendance in 2001 <i>cont.</i></b>	<b>21</b>	<b>Whether attended an educational institution and level of education of study in 2001 (ASCED) <i>cont.</i></b>
	Attended in 2001 <i>cont.</i>		Attended in 2001 <i>cont.</i>
	Tertiary		Study leading to a qualification
	Full-time		<i>cont.</i>
	Part-time		Certificate III / IV
	Higher education		Certificate I / II
	Full-time		Certificate not further defined
	Part-time		Year 12
	TAFE		Year 11
	Full-time		Year 10 or below
	Part-time		Level not determined
	Business college		Study not leading to a qualification
	Full-time		Did not attend in 2001
	Part-time		
	Industry skills centre	<b>22</b>	<b>Main field of education of study in 2001 (ASCED)</b>
	Full-time		Study leading to a qualification
	Part-time		Natural and physical sciences
	Other institution		Information technology
	Full-time		Engineering and related technologies
	Part-time		Architecture and building
	Total		Agriculture, environmental and related studies
	Full-time		Health
	Part-time		Education
	Did not attend in 2001		Management and commerce
<b>21</b>	<b>Whether attended an educational institution and level of education of study in 2001 (ASCED)</b>		Society and culture
	Attended in 2001		Creative arts
	Study leading to a qualification		Food, hospitality and personal services
	Postgraduate degree		Mixed field programmes
	Graduate diploma / Graduate certificate		
	Bachelor degree		
	Advanced diploma / Diploma		

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

### SURVEY OF EDUCATION AND WORK 2002 *continued*

<i>Data items</i>	<i>Populations</i>	<i>Data items</i>	<i>Populations</i>
<b>22</b>	<b>Main field of education of study in 2001 (ASCED) <i>cont.</i></b>	<b>24</b>	<b>Whether attending an educational institution, type of institution and type of attendance in May 2002 <i>cont.</i></b>
Study leading to a qualification <i>cont.</i>	2, 4-5, 12-13	Attending in May 2002 <i>cont.</i>	1
Field not determined		Tertiary <i>cont.</i>	
Study not leading to a qualification		Part-time <i>cont.</i>	
<b>23</b>	<b>Status of course of study undertaken in 2001</b>	TAFE	
Completed qualification studied for in 2001	2, 4, 13	Full-time	
Identified as highest qualification obtained		Part-time	
Identified as not highest qualification obtained		Business college	
Had not completed qualification by May 2002(a)		Full-time	
Attending a tertiary institution in May 2002		Part-time	
Not attending in May 2002		Industry skills centre	
(a) May include some persons now attending school.		Full-time	
<b>24</b>	<b>Whether attending an educational institution, type of institution and type of attendance in May 2002</b>	Part-time	
Attending in May 2002	1	Other institution	
School		Full-time	
Full-time		Part-time	
Part-time		Total	
Tertiary		Full-time	
Full-time		Part-time	
Part-time		Not attending in May 2002	
Higher education		<b>25</b>	<b>Type of educational institution attending in May 2002</b>
Full-time		School	1
Part-time		TAFE	

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

### SURVEY OF EDUCATION AND WORK 2002 *continued*

<i>Data items</i>		<i>Populations</i>	<i>Data items</i>		<i>Populations</i>
<b>25</b>	<b>Type of educational institution attending in May 2002 <i>cont.</i></b>	1	<b>28</b>	<b>Main field of education of study in May 2002 (ASCED)</b>	6–7, 11, 14
	Higher education			Study leading to a qualification	
	Other institution			Natural and physical sciences	
<b>26</b>	<b>Type of attendance in May 2002</b>	1		Information technology	
	Attending full-time			Engineering and related technologies	
	Attending part-time			Architecture and building	
<b>27</b>	<b>Whether attending an educational institution and level of education of study in May 2002 (ASCED)</b>	1–4, 9, 13		Agriculture, environmental and related studies	
	Attending in May 2002			Health	
	Study leading to a qualification			Education	
	Postgraduate degree			Management and commerce	
	Graduate diploma / Graduate certificate			Society and culture	
	Bachelor degree			Creative arts	
	Advanced diploma / Diploma			Food, hospitality and personal services	
	Certificate III / IV			Mixed field programmes	
	Certificate I / II			Field not determined	
	Certificate not further defined			Study not leading to a qualification	
	Year 12		<b>29</b>	<b>Type of school attending in May 2002</b>	Age = 15–24
	Year 11			Government	
	Year 10 or below			Non-government	
	Level not determined			Catholic	
	Study not leading to a qualification			Other	
	Not attending in May 2002			Not asked (BSP & those aged 20–24 at school)	

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

### SURVEY OF EDUCATION AND WORK 2002 *continued*

<i>Data items</i>	<i>Populations</i>	<i>Data items</i>	<i>Populations</i>
<b>30 Commencement of apprenticeship</b>	10	<b>33 Whether applied to enrol in an educational institution in 2002 and type of institution (unmet demand) <i>cont.</i></b>	1
Commenced in last 12 months		Applied to enrol in a course of study in 2002 <i>cont.</i>	
Commenced more than 12 months ago		Gained placement but deferred study <i>cont.</i>	
<b>31 Industry sector</b>	10	Study would not lead to an educational qualification	
Public		Higher education	
Private		TAFE	
<b>32 Field of trade</b>	10	Other educational institution	
Mechanical engineering		Unable to gain placement on application	
Fabrication engineering		Study would lead to an educational qualification	
Electrical and electronics		Higher education	
Construction		TAFE	
Automotive		Other educational institution	
Food		Study would not lead to an educational qualification	
Hairdressing		Higher education	
Other fields		TAFE	
<b>33 Whether applied to enrol in an educational institution in 2002 and type of institution (unmet demand)</b>	1	Other educational institution	
Applied to enrol in a course of study in 2002		Study would not lead to an educational qualification	
Studying in May 2002		Higher education	
Gained placement but deferred study		TAFE	
Study would lead to an educational qualification		Other educational institution	
Higher education		Did not apply to enrol in a course of study in 2002	
TAFE			
Other educational institution			

# APPENDIX 1 POPULATIONS AND DATA ITEMS LIST *continued*

## SURVEY OF EDUCATION AND WORK 2002 *continued*

<i>Data items</i>	<i>Populations</i>	<i>Data items</i>	<i>Populations</i>
<b>34 Age at time of leaving full-time education</b>	Age = 15–24	<b>35 Year last attended an educational institution full-time <i>cont.</i></b>	Age = 15–24
Attending full-time in May 2002		Not attending full-time in May 2002 <i>cont.</i>	
Not attending full-time in May 2002		Year last attended full-time <i>cont.</i>	
Left at age		2000	
14 and under		2001 or later	
15–19		Never attended an educational institution full-time	
15		<b>36 Time of leaving full-time education</b>	5
16		January–May 2001	
17		June 2001	
18		July 2001	
19		August–October 2001	
20–24		November 2001	
20		December 2001	
21		January–May 2002	
22		<b>37 Main reason left full-time tertiary education</b>	5
23		Completed course of study	
24		Changed to part-time study(a)	
Never attended an educational institution full-time		Employment or financial reasons	
<b>35 Year last attended an educational institution full-time</b>	Age = 15–24	Family responsibilities / illness / injury / personal reasons	
Attending full-time in May 2002		Deferred course / lost interest / failed course	
Not attending full-time in May 2002		Course unavailable	
Year last attended full-time		Other reasons	
Before 1992		(a) May include some persons who have returned to school part-time.	
1992		<b>38 Type of school last attended</b>	Age = 15–24
1993		Government	
1994		Non-Government	
1995		Catholic	
1996		Other	
1997		Not asked (still at school)	
1998			
1999			

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

### SURVEY OF EDUCATION AND WORK 2002 *continued*

<i>Data items</i>	<i>Populations</i>	<i>Data items</i>	<i>Populations</i>
<b>39</b>	<b>Level of highest educational attainment (ASCED)</b>	<b>41</b>	<b>Level of highest school educational attainment (ASCED)</b>
	Postgraduate degree		Year 12
	Graduate diploma / Graduate certificate		Year 11
	Bachelor degree		Year 10
	Advanced diploma / Diploma		Year 9
	Certificate III / IV		Year 8 or below
	Certificate I / II		Never attended school
	Certificate not further defined		Not asked (BSP)
	Year 12	<b>42</b>	<b>Main field of highest educational attainment (ASCED)</b>
	Year 11		Natural and physical sciences
	Year 10 or below		Information technology
	Level not determined		Engineering and related technologies
<b>40</b>	<b>Level of highest non-school qualification (ASCED)</b>		Architecture and building
	Postgraduate degree		Agriculture, environmental and related studies
	Graduate diploma / Graduate certificate		Health
	Bachelor degree		Education
	Advanced diploma / Diploma		Management and commerce
	Certificate III / IV		Society and culture
	Certificate I / II		Creative arts
	Certificate not further defined		Food, hospitality and personal services
	Level not determined		Mixed field programmes
			Field not determined
		<b>43</b>	<b>Year completed highest non-school qualification</b>
			Before 1981
			1981–1990
			1991–2000
			2001
			2002
		<b>44</b>	<b>Number of non-school qualifications obtained</b>
			One
			Two
			Three or more

## 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, by subscription or on request. Additional data from these surveys are available on request and can be obtained by contacting the ABS.

### SUPPLEMENTARY SURVEYS LIST

	<i>cat. no.</i>	<i>Frequency</i>	<i>Latest issue</i>
Career Experience, Australia	6254.0	Irregular	November 1998
Career Paths of Persons with Trade Qualifications, Australia	6243.0	Discontinued	Final issue 1993
Child Care, Australia	4402.0	Irregular	June 1999
Education and Work, Australia	6227.0	Annual	May 2002
Employee Earnings, Benefits, and Trade Union Membership, Australia	6310.0	Annual	August 2001
Employment Benefits, Australia	6334.0.40.001	Discontinued	Final issue 1994
Forms of Employment, Australia	6359.0	Irregular	November 2001
Job Search Experience of Unemployed Persons, Australia	6222.0	Annual	July 2001
Labour Force Experience, Australia	6206.0	Biennial	February 2001
Labour Force Status and Educational Attainment, Australia	6235.0	Discontinued	Final issue 1994
Labour Force Status and Other Characteristics of Families, Australia(a)	6224.0	Discontinued	Final issue 2000
Labour Force Status and Other Characteristics of Migrants, Australia	6250.0	Irregular	November 1999
Labour Mobility, Australia	6209.0	Biennial	February 2002
Locations of Work, Australia	6275.0	Irregular	June 2000
Multiple Jobholding, Australia(b)	6216.0	Irregular	August 1997
Participation in Education, Australia	6272.0	Discontinued	Final issue 1999
Persons Not in the Labour Force, Australia	6220.0	Annual	September 2001
Persons Who had Re-entered the Labour Force, Australia	6264.0.40.001	Discontinued	Final issue 1995
Persons Who Have Left the Labour Force, Australia	6267.0.40.001	Discontinued	Final issue 1994
Retirement and Retirement Intentions, Australia	6238.0	Irregular	November 1997
Retrenchment and Redundancy, Australia	6266.0	Irregular	July 2001
Successful and Unsuccessful Job Search Experience, Australia	6245.0	Discontinued	Final issue 2000
Superannuation, Australia	6319.0	Discontinued	Final issue 1995
Trade Union Members, Australia	6325.0	Discontinued	Final issue 1996
Underemployed Workers, Australia	6265.0	Annual	September 2001
Working Arrangements, Australia	6342.0	Irregular	November 2000
Work-Related Injuries, Australia	6324.0	Irregular	September 2000

(a) Latest data available on request June 2002.

(b) Latest data available on request July 2001.

## INTRODUCTION

**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 estimates 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 (67%) 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 (95%) 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). Each SE table is derived from a mathematical model, referred to as the "SE model", which is created using the data collected in this survey. 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 among SEs for different estimates of the same size.

## CALCULATION OF STANDARD ERROR

**3** An example of the calculation and the use of SEs in relation to estimates of persons is as follows. Table 4 shows that the estimated number of persons aged 20–24 enrolled for a qualification in Management and commerce was 123,000. Since this estimate is between 100,000 and 150,000, table T1 shows that the SE for Australia will lie between 5,700 and 6,850 and can be approximated by interpolation using the following general formula:

*SE of estimate*

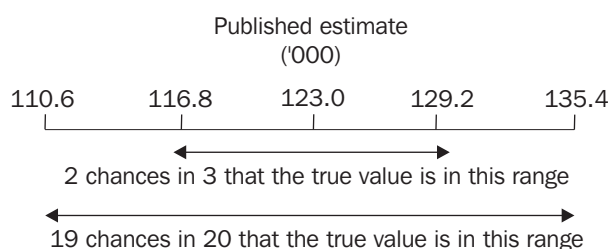
$$= \text{lower SE} + \left( \left( \frac{\text{size of estimate} - \text{lower estimate}}{\text{upper estimate} - \text{lower estimate}} \right) \times (\text{upper SE} - \text{lower SE}) \right)$$

$$= 5,700 + \left( \left( \frac{123,000 - 100,000}{150,000 - 100,000} \right) \times (6,850 - 5,700) \right)$$

$$= 6,229$$

$$= 6,200 \text{ (rounded to the nearest 100)}$$

**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 116,800 to 129,200 and about 19 chances in 20 that the value will fall within the range 110,600 to 135,400. This example is illustrated in the diagram below.





## CALCULATION OF STANDARD ERROR *continued*

**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 25% or less.

## 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** For example, in table 4 the estimate for the total number of persons aged 20–24 enrolled for a qualification is 502,400. The estimated number of persons aged 20–24 enrolled for a qualification in Management and commerce was 123,000, so the proportion of persons aged 20–24 enrolled in Management and commerce is 123,000/502,400 or 24.5%. The SE of the total number of persons aged 20–24 enrolled for a qualification may be calculated by interpolation as 11,400 (rounded to the nearest 100). To convert this to an RSE we express the SE as a percentage of the estimate, or 11,400/502 400 = 2.3%. The SE for the number of persons aged 20–24 enrolled for a qualification in Management and commerce was calculated above as 6,200, which converted to an RSE is 6,200/123,000 = 5.0%. Applying the above formula, the RSE of the proportion is below, giving a SE for the proportion (24.5%) of 1.1 percentage points (=24.5\*0.044).

$$RSE = \sqrt{(5.0)^2 - (2.3)^2} = 4.4\%$$

**8** Therefore, there are about two chances in three that the proportion of persons aged 20–24 enrolled for a qualification in Management and commerce is between 23.4% and 25.6% and 19 chances in 20 that the proportion is within the range 22.3% to 26.7%.

## 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

Size of estimate	STANDARD ERROR									RELATIVE STANDARD ERROR
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.	Aust.
	no.	no.	no.	no.	no.	no.	no.	no.	no.	%
100	140	..	..	..	..	..	..	..	140	140.0
200	220	210	..	..	..	130	140	130	210	105.0
300	280	270	..	210	230	170	180	170	270	90.0
500	390	370	340	280	310	230	250	230	370	74.0
700	480	450	420	350	380	280	300	280	450	64.3
1,000	590	550	520	430	470	340	370	340	550	55.0
1,500	750	690	660	540	590	420	460	420	690	46.0
2,000	880	810	780	630	690	490	520	480	810	40.5
2,500	1 000	900	900	700	750	550	600	550	900	36.0
3,000	1 100	1 000	950	800	850	600	650	600	1 000	33.3
3,500	1 200	1 100	1 050	850	900	650	650	650	1 100	31.4
4,000	1 300	1 200	1 150	900	1 000	700	700	650	1 150	28.8
5,000	1 450	1 350	1 300	1 000	1 100	750	800	750	1 300	26.0
7,000	1 750	1 600	1 550	1 200	1 300	850	900	850	1 550	22.1
10,000	2 100	1 900	1 850	1 400	1 550	1 000	1 000	1 000	1 900	19.0
15,000	2 550	2 300	2 250	1 700	1 850	1 150	1 150	1 150	2 300	15.3
20,000	2 950	2 650	2 550	1 900	2 150	1 300	1 250	1 250	2 650	13.3
30,000	3 600	3 150	3 100	2 250	2 550	1 500	1 350	1 450	3 250	10.8
40,000	4 100	3 600	3 500	2 550	2 900	1 650	1 450	1 600	3 750	9.4
50,000	4 550	4 000	3 900	2 750	3 150	1 750	1 500	1 700	4 150	8.3
100,000	6 200	5 300	5 200	3 550	4 150	2 150	1 700	2 000	5 700	5.7
150,000	7 350	6 250	6 150	4 050	4 850	2 350	1 750	2 200	6 850	4.6
200,000	8 300	7 000	6 850	4 450	5 350	2 500	1 800	2 350	7 750	3.9
300,000	9 750	8 150	8 000	5 000	6 150	2 700	..	2 500	9 200	3.1
500,000	11 850	9 800	9 600	5 750	7 250	2 950	..	..	11 400	2.3
1,000,000	15 200	12 350	12 100	6 750	8 950	..	..	..	15 050	1.5
2,000,000	19 200	15 350	15 000	7 800	10 850	..	..	..	19 650	1.0
5,000,000	25 500	19 850	19 350	..	..	..	..	..	27 450	0.5
10,000,000	..	..	..	..	..	..	..	..	34 800	0.3

.. not applicable

## GLOSSARY

<b>Apprentice</b>	An apprentice is a person aged 15–54 years 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 answers to a question specifically pertaining to the New Apprenticeship Scheme.
<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>Country of birth</b>	Country of birth has been classified according to the <i>Standard Australian Classification of Countries (SACC)</i> , (cat. no. 1269.0).
<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; or</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>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>Field of education</b>	Field of Education is defined as the subject matter of an educational activity. It is categorised according to the <i>Australian Standard Classification of Education (ASCED)</i> , Field of Education classification.
<b>Field of trade</b>	Refers to the occupation of an apprentice and is classified to the <i>Australian Standard Classification of Occupations (ASCO) (Second Edition)</i> Unit Group.
<b>Full-time workers</b>	Employed persons who usually worked 35 hours or more a week (in all jobs) and others who, although usually working less than 35 hours a week, worked 35 hours or more during the reference week.
<b>Higher education institution</b>	An Australian institution 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.

## GLOSSARY *continued*

<b>Industry</b>	From August 1994, Industry has been classified according to the <i>Australian and New Zealand Standard Industrial Classification (ANZSIC) 1993</i> , (cat. no. 1292.0).
<b>Industry sector</b>	Industry sector refers to an apprentice's employer, and is divided into public and private sectors. The public sector includes all local government authorities and government departments, Australian defence forces, agencies and authorities created by, or reporting to, the state, territory or Commonwealth Parliaments. All other employment is classified to the private sector.
<b>Leavers</b>	Persons who were enrolled in a course of study leading to a qualification in the previous year, but were not enrolled in a course of study leading to a qualification 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.
<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 22–24 of the Explanatory Notes for how highest level is derived.
<b>Level not determined</b>	Level (of highest educational attainment) not determined is used when respondents have given their highest level of school completed and have said they have a non-school qualification but have not supplied a level for the non-school qualification. Their highest level of school completed may well be their highest level of attainment but because the level of their highest non-school qualification is not available, it can not be determined whether their Year 12, 11 or 10 is their highest level of attainment. Level not determined also 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 attained concurrently with school qualifications.
<b>Not in the labour force</b>	Persons who were not in the categories 'employed' or 'unemployed' as defined.
<b>Occupation</b>	From August 1996, occupation has been classified according to the <i>Australian Standard Classification of Occupations (ASCO), Second Edition 1996</i> , (cat. no. 1220.0).
<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>Part-time workers</b>	Employed persons who usually worked less than 35 hours a week and who did so during the reference week.
<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 leading to a qualification at the survey date but were not enrolled at any time in the previous calendar year.

## GLOSSARY *continued*

<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>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.





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