

**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.

NOTES

- 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 2007 as a supplement to the Australian Bureau of Statistics' (ABS) monthly Labour Force Survey (LFS).
- Information collected in the survey includes: participation in education in the year prior to the survey, and in the survey month; labour force characteristics; type of educational institution; level of education of current and previous study; highest year of school completed; level of highest non-school qualification; level of highest educational attainment; unmet demand for education in current year; and selected characteristics of apprentices.
- Unless otherwise specified, differences between data items highlighted in the Summary of Findings are statistically significant.
- This publication includes Data Cubes in spreadsheet format available on the ABS web site <<http://www.abs.gov.au>>. An expanded range of statistics in spreadsheet format will supplement this publication and will also be available on the ABS web site <<http://www.abs.gov.au>> at a later date.
- CLASSIFICATION OF EDUCATION** The *Australian Standard Classification of Education (ASCED)* (cat. no. 1272.0) was introduced into ABS collections in 2001. It replaces a number of education classifications used prior to 2001 for data from the various sectors of the Australian education system, including the *Australian Bureau of Statistics Classification of Qualifications (ABSCQ)* (cat. no. 1262.0). ASCED comprises two classifications: Level of Education and Field of Education. For further details, see paragraphs 21-26 of the Explanatory Notes.
- CLASSIFICATION OF INDUSTRY** From 2006, industry data are classified according to *Australian and New Zealand Standard Industrial Classification (ANZSIC), 2006* (cat.no. 1292.0). This new classification replaces the *Australian and New Zealand Standard Industrial Classification, 1993* (cat.no.1292.0). For further details, see paragraphs 15-17 of the Explanatory Notes.
- CLASSIFICATION OF OCCUPATION** From 2006, occupation data are classified according to the *Australian and New Zealand Standard Classification of Occupations (ANZSCO), First edition, 2006* (cat. no. 1220.0). This new classification replaces the *Australian Standard Classifications of Occupations (ASCO), Second Edition, 1997* (cat.no. 1220.0). For further details, see paragraphs 18-20 of the Explanatory Notes.
- ROUNDING** As estimates have been rounded, discrepancies may occur between sums of the component items and totals.

Brian Pink
Australian Statistician

SUMMARY OF FINDINGS

PARTICIPATION

In May 2007, there were 13.6 million Australians aged 15–64 years in the scope of the survey, of whom 2.5 million (18%) were enrolled in a course of study. Approximately 928,800 (37%) of these enrolled persons were attending a higher education institution, 725,900 (29%) were at school, 518,700 (21%) were at Technical and Further Education (TAFE) institutions, and 315,400 (13%) were at other educational institutions. (Table 1)

In May 2007, 53% of persons enrolled in a course of study were females, 43% were aged 15–19 years, and 64% were studying full-time. (Table 1)

Study leading to a qualification

Approximately 95% (2.4 million) of 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 who were enrolled in a course leading to a qualification increased from 16% in 1997 to 17% in 2007. (Table 2)

More than one in four (28%) persons enrolled in a course leading to a qualification were studying for a Bachelor Degree. Almost half of these persons (46%) were aged 20-24 years and 27% were aged 15–19 years. (Table 3)

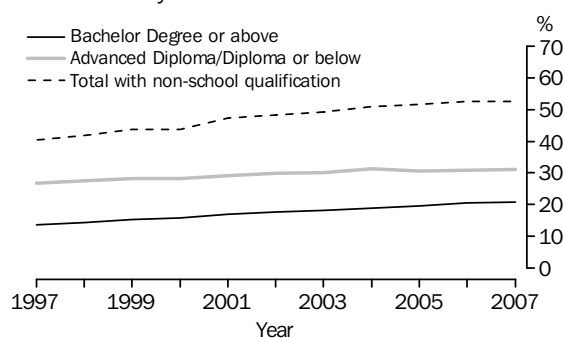
Other than Mixed field programmes (31%), which includes persons studying Year 12 or below, the most commonly reported main field of education of current study for persons enrolled in a course leading to a qualification was Management and commerce (17%), followed by Society and culture (13%). (Table 4)

EDUCATIONAL ATTAINMENT

Level of highest non-school qualification

The proportion of persons with a non-school qualification increased from 40% in May 1997 to 53% in May 2007. In particular, the proportion of persons attaining a Bachelor Degree or above underwent the greatest relative increase (14% in May 1997 to 21% in May 2007). The proportion of persons whose highest non-school qualification was an Advanced Diploma or below increased from 27% in 1997 to 31% in 2007. (Table 7)

PROPORTION OF PERSONS WITH A NON-SCHOOL QUALIFICATION, May 1997 to May 2007



Among the 7.2 million persons with a non-school qualification, the most commonly reported fields of education for the highest non-school qualification were Management and commerce (24%) and Engineering and related technologies (19%). (Table 9)

Of persons with a non-school qualification, 83% were employed, compared to 64% without a non-school qualification. Over three quarters (78%) of employed persons with a non-school qualification were employed full-time, compared to 64% of employed persons without a non-school qualification. (Table 11)

SUMMARY OF FINDINGS *continued*

Level of highest educational attainment

Almost one-third (32%) of persons aged 15–64 years reported their level of highest educational attainment as Year 11 or below and 21% reported Year 12. Additionally, more than one in five (21%) had a highest level of attainment of Bachelor Degree or higher and 16% had a Certificate III or IV. (Table 13)

STARTING A COURSE OF STUDY

In May 2007, there were 380,600 persons starting a course of study leading to a qualification, who were not enrolled in such a course in 2006. Of these, 60% were female and 71% were employed, of which 65% were employed full-time. Most of the persons starting a course of study leading to a qualification were aged 15–34 years (233,100 or 61%). (Table 15)

LEAVING A COURSE OF STUDY

In May 2007, there were 942,500 persons leaving a course of study leading to a qualification in which they were enrolled in 2006. Most of the persons leaving a course of study leading to a qualification were employed (84%) and the majority (65%) were aged 15–34 years. (Table 15)

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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	391.5	307.8	220.8	88.6	108.6	27.3	6.0	23.4	1 174.1
Females	433.6	333.5	255.7	97.8	125.6	30.7	7.8	30.0	1 314.6
Age group (years)									
15-19	355.9	291.6	203.5	79.3	101.3	26.1	4.7	18.9	1 081.2
20-24	180.8	147.4	94.1	40.2	49.8	12.0	*2.2	12.9	539.4
25-34	137.5	94.9	81.4	27.3	35.9	7.9	3.4	9.6	398.0
35-44	77.7	57.8	54.4	21.5	26.6	5.4	*1.7	5.9	251.0
45-54	54.3	35.2	32.9	12.4	15.9	4.4	*1.4	3.8	160.3
55-64	18.9	14.2	10.2	5.7	4.7	2.3	**0.5	*2.4	58.9
Country of birth									
Born in Australia	606.3	481.8	379.6	149.9	166.6	51.5	11.1	38.8	1 885.6
Born overseas	218.8	159.4	96.9	36.5	67.6	6.6	*2.7	*14.7	603.2
Area of usual residence									
State capital city	526.4	489.6	250.1	154.0	188.4	25.5	.	.	1 634.2
Balance of state/Territory	298.6	151.7	226.3	32.4	45.8	32.5	13.8	53.5	854.6
Labour force status									
In the labour force	531.3	414.9	336.5	121.5	164.3	37.2	10.4	38.4	1 654.4
Employed	483.7	382.8	321.5	113.0	156.0	34.7	10.1	36.0	1 537.7
Employed full-time	222.2	162.4	151.0	47.7	64.0	17.5	5.3	15.9	686.1
Employed part-time	261.5	220.4	170.5	65.3	91.9	17.2	4.8	20.0	851.6
Unemployed	47.6	32.1	15.0	8.5	8.3	*2.5	**0.3	*2.5	116.6
Not in the labour force	293.8	226.4	140.0	64.9	69.9	20.9	*3.4	15.1	834.4
Level of education of current study in May 2007									
Study leading to a qualification	785.6	606.2	462.8	175.1	223.7	54.1	12.8	51.8	2 372.0
Postgraduate Degree	53.8	44.1	27.3	10.5	17.0	1.9	*0.9	*6.6	162.1
Graduate Diploma/Graduate Certificate	20.2	17.6	14.3	6.1	5.5	*1.2	**0.6	1.6	67.2
Bachelor Degree	213.4	165.3	134.7	45.0	67.8	10.4	*3.0	19.6	659.2
Advanced Diploma/Diploma	83.4	58.6	49.3	14.6	18.2	4.4	*1.0	5.4	234.8
Certificate III/IV	107.4	78.4	79.1	28.5	34.4	12.7	*2.4	4.3	347.1
Certificate I/II	14.9	14.1	11.8	5.0	6.7	*1.8	**0.1	*0.6	55.0
Certificate n.f.d.	37.2	22.3	16.4	7.2	7.6	*1.7	*0.5	1.2	94.3
Year 12	72.6	58.0	45.9	19.0	25.2	4.8	*1.3	3.5	230.4
Year 11	80.4	66.4	50.1	20.2	28.2	7.3	*1.5	4.8	258.9
Year 10 or below	92.7	70.8	32.7	17.8	10.3	7.7	*1.5	3.6	237.1
Level not determined	9.5	10.6	*1.2	*1.3	*2.6	**0.3	**0.1	**0.5	25.9
Study not leading to a qualification	39.5	35.0	13.7	11.3	10.5	4.0	*1.0	*1.7	116.8
Type of educational institution attending									
School	243.8	195.4	128.7	57.6	63.7	20.0	4.6	12.2	725.9
TAFE	181.2	118.2	99.5	38.6	56.4	15.6	*1.0	8.1	518.7
Higher education	301.3	242.2	182.5	62.0	91.0	14.2	6.8	28.7	928.8
Other institution	98.7	85.5	65.8	28.2	23.1	8.2	*1.5	4.4	315.4
Type of attendance									
Full-time	522.1	432.8	290.7	119.7	150.2	34.6	7.5	33.2	1 590.8
Part-time	303.0	208.4	185.7	66.6	84.0	23.5	6.3	20.3	897.9
Total	825.1	641.2	476.5	186.4	234.2	58.1	13.8	53.5	2 488.7

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

. . not applicable

(a) Refers to mainly urban areas only. For more information see

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

paragraph 9 of the Explanatory Notes.

ALL PERSONS, Whether enrolled in a course of study—May 1997 to May 2007

	1997	1999	2001	2003	2005(a)	2006(a)	2007(a)
	'000	'000	'000	'000	'000	'000	'000
MALES							
Study leading to a qualification(b)							
Age group (years)							
15–19	(c)493.4	(c)521.5	(c)522.7	(c)529.1	527.5	531.6	529.4
20–24	(c)208.1	(c)223.7	(c)241.7	(c)244.4	259.1	253.9	271.8
25–34	145.9	164.2	168.5	177.8	167.8	158.3	161.7
35–44	93.2	93.1	92.3	100.8	92.6	81.9	93.5
45–54	41.0	(c)35.8	43.1	46.7	50.9	41.3	50.6
55–64	10.5	(c)8.6	13.2	16.3	15.3	14.8	14.7
Total	(c)992.2	(c)1 046.9	(c)1 081.4	1 115.0	1 113.1	1 081.9	1 121.8
Study not leading to a qualification	54.9	45.2	42.3	40.7	(c)34.7	45.5	52.3
Total enrolled	(c)1 047.0	(c)1 092.1	(c)1 123.7	1 155.7	1 147.8	(c)1 127.3	1 174.1
Total not enrolled	(c)5 060.1	(c)5 153.8	(c)5 283.6	(c)5 380.9	(c)5 469.0	(c)5 539.5	5 628.7
Total	(c)6 107.1	(c)6 245.9	(c)6 407.3	(c)6 536.6	(c)6 616.9	(c)6 666.8	6 802.8
FEMALES							
Study leading to a qualification(b)							
Age group (years)							
15–19	(c)487.7	(c)496.4	(c)515.1	520.4	(c)508.3	(c)518.2	540.5
20–24	(c)196.9	(c)217.0	(c)215.2	268.7	(c)279.9	254.5	252.8
25–34	(c)150.6	(c)178.3	(c)179.3	208.2	(c)191.3	(c)183.1	210.9
35–44	(c)107.9	(c)130.9	119.4	126.8	127.8	134.9	133.4
45–54	(c)58.8	(c)54.4	(c)63.3	77.6	77.5	84.6	87.3
55–64	(c)9.0	(c)13.7	(c)16.1	21.3	20.9	21.9	25.4
Total	(c)1 010.9	(c)1 090.8	(c)1 108.4	1 223.1	1 205.7	(c)1 197.3	1 250.2
Study not leading to a qualification	73.8	74.4	(c)79.0	57.0	67.1	67.8	64.4
Total enrolled	(c)1 084.7	(c)1 165.1	(c)1 187.4	1 280.1	1 272.8	(c)1 265.1	1 314.6
Total not enrolled	(c)4 995.2	(c)5 071.6	(c)5 193.7	(c)5 258.4	(c)5 406.7	(c)5 462.7	5 512.4
Total	(c)6 079.9	(c)6 236.7	(c)6 381.1	(c)6 538.5	(c)6 679.5	(c)6 727.8	6 827.1
PERSONS							
Study leading to a qualification(b)							
Age group (years)							
15–19	(c)981.1	(c)1 017.9	1 037.8	1 049.5	(c)1 035.8	1 049.8	1 069.9
20–24	(c)405.0	(c)440.7	(c)456.9	513.1	539.0	508.5	524.5
25–34	(c)296.6	(c)342.5	347.8	386.0	359.1	(c)341.4	372.6
35–44	(c)201.2	224.0	211.7	227.5	220.4	216.9	226.9
45–54	(c)99.8	(c)90.2	(c)106.4	124.3	128.4	125.9	137.9
55–64	(c)19.5	(c)22.3	(c)29.3	37.6	36.2	36.6	40.1
Total	(c)2 003.0	(c)2 137.6	(c)2 189.8	2 338.1	2 318.8	(c)2 279.1	2 372.0
Study not leading to a qualification	128.7	119.6	121.3	97.8	101.8	113.3	116.8
Total enrolled	(c)2 131.8	(c)2 257.2	(c)2 311.1	2 435.8	2 420.6	(c)2 392.4	2 488.7
Total not enrolled	(c)10 055.3	(c)10 225.4	(c)10 477.2	(c)10 639.3	(c)10 875.7	(c)11 002.3	11 141.1
Total	(c)12 187.0	(c)12 482.6	(c)12 788.3	(c)13 075.1	(c)13 296.3	(c)13 394.7	13 629.9

(a) From 2005, excludes boarding school pupils. For further details, see paragraph 8 of the Explanatory Notes.

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

(c) Difference between this estimate and the 2007 estimate is statistically significant.

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	—	16.7	29.5	21.0	10.2	77.4
Graduate Diploma/Graduate Certificate	*2.4	*4.0	10.0	8.3	*5.0	29.7
Bachelor Degree	75.7	144.1	47.4	17.3	6.6	291.2
Advanced Diploma/Diploma	13.6	27.2	23.6	16.5	13.3	94.2
Certificate III/IV	69.3	62.3	34.1	16.8	15.6	198.1
Certificate I/II	6.5	*3.0	*4.3	*3.4	*4.0	21.1
Certificate n.f.d.	6.8	9.1	10.6	6.0	7.8	40.3
Year 12 or below	353.7	*2.0	**0.5	**1.1	**0.5	357.8
Level not determined	**1.3	*3.4	**1.7	*3.1	*2.3	11.9
Total	529.4	271.8	161.7	93.5	65.3	1 121.8
FEMALES						
Postgraduate Degree	**0.9	18.4	37.2	14.3	13.9	84.7
Graduate Diploma/Graduate Certificate	**0.6	*6.1	13.9	11.1	5.7	37.5
Bachelor Degree	104.0	157.5	64.7	25.8	16.0	367.9
Advanced Diploma/Diploma	27.4	26.3	37.2	26.0	23.7	140.6
Certificate III/IV	25.0	27.6	34.7	33.2	28.5	149.0
Certificate I/II	*7.1	*6.2	5.4	6.8	8.5	33.9
Certificate n.f.d.	9.2	6.9	13.9	11.6	12.4	53.9
Year 12 or below	364.7	*1.6	**1.6	**0.6	**0.2	368.5
Level not determined	**1.8	*2.3	*2.4	*4.0	*3.7	14.1
Total	540.5	252.8	210.9	133.4	112.7	1 250.2
PERSONS						
Postgraduate Degree	**0.9	35.1	66.7	35.4	24.1	162.1
Graduate Diploma/Graduate Certificate	*3.0	10.1	23.9	19.4	10.7	67.2
Bachelor Degree	179.7	301.6	112.1	43.1	22.7	659.2
Advanced Diploma/Diploma	41.0	53.5	60.8	42.4	37.0	234.8
Certificate III/IV	94.3	89.9	68.8	50.0	44.1	347.1
Certificate I/II	13.5	9.1	9.7	10.2	12.4	55.0
Certificate n.f.d.	16.0	16.0	24.4	17.6	20.3	94.3
Year 12 or below	718.4	*3.5	*2.1	*1.7	**0.7	726.4
Level not determined	*3.1	*5.7	*4.1	7.1	5.9	25.9
Total	1 069.9	524.5	372.6	226.9	178.0	2 372.0

* estimate has a relative standard error of 25% to 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)

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

	AGE GROUP (YEARS)					Total
	15-19	20-24	25-34	35-44	45-64	
<i>Main field of education of current study</i>	'000	'000	'000	'000	'000	'000
MALES						
Natural and physical sciences	10.3	10.5	*7.3	*2.4	*2.1	32.5
Information technology	8.1	18.8	10.8	*3.5	*4.1	45.4
Engineering and related technologies	57.6	62.4	27.5	13.7	6.5	167.6
Architecture and building	25.4	25.2	11.2	6.0	*2.0	69.8
Agriculture, environmental and related studies	*4.0	*6.1	4.3	*3.7	*2.8	21.0
Health	10.6	12.4	11.5	9.6	*5.2	49.3
Education	5.9	9.3	*5.1	5.3	4.4	30.0
Management and commerce	20.9	65.7	49.7	26.4	19.5	182.2
Society and culture	15.7	28.1	22.3	16.9	13.7	96.8
Creative arts	8.8	14.3	*5.8	*2.9	*2.1	33.9
Food, hospitality and personal services	*5.7	14.5	*4.5	**1.3	—	25.9
Mixed field programmes(a)	354.6	*2.0	**0.7	**1.1	*1.4	359.8
Field not determined	*1.7	*2.5	**1.0	**0.8	*1.7	7.6
Total	529.4	271.8	161.7	93.5	65.3	1 121.8
FEMALES						
Natural and physical sciences	10.2	13.3	7.8	*1.7	*1.8	34.7
Information technology	**1.1	*3.9	*3.2	*4.5	*3.8	16.5
Engineering and related technologies	*3.7	5.6	**1.1	*2.3	*1.1	13.8
Architecture and building	*1.1	*4.2	6.1	*1.1	**0.8	13.4
Agriculture, environmental and related studies	*2.8	4.5	5.0	*1.3	*1.7	15.2
Health	24.2	40.6	36.4	21.6	14.0	136.7
Education	14.0	31.2	19.4	16.1	7.9	88.6
Management and commerce	45.7	61.4	62.4	33.2	28.8	231.5
Society and culture	27.2	51.0	48.1	38.3	39.4	204.1
Creative arts	21.7	20.6	9.5	*5.7	7.4	64.8
Food, hospitality and personal services	19.2	11.0	*6.0	*4.6	*2.3	43.1
Mixed field programmes(a)	365.7	*2.6	*2.5	**1.1	**0.8	372.7
Field not determined	*4.0	*3.0	*3.4	**1.8	*2.9	15.1
Total	540.5	252.8	210.9	133.4	112.7	1 250.2
PERSONS						
Natural and physical sciences	20.4	23.7	15.1	4.1	*3.8	67.2
Information technology	9.2	22.7	14.0	8.0	7.9	61.9
Engineering and related technologies	61.3	67.9	28.6	16.1	7.6	181.4
Architecture and building	26.5	29.4	17.3	7.1	*2.8	83.2
Agriculture, environmental and related studies	6.8	10.6	9.3	5.0	*4.5	36.2
Health	34.8	53.0	47.9	31.2	19.2	186.0
Education	19.9	40.6	24.5	21.4	12.3	118.6
Management and commerce	66.6	127.1	112.1	59.6	48.3	413.7
Society and culture	43.0	79.1	70.5	55.2	53.1	300.9
Creative arts	30.4	34.8	15.4	8.5	9.5	98.7
Food, hospitality and personal services	24.9	25.5	10.5	*6.0	*2.3	69.1
Mixed field programmes(a)	720.3	*4.6	*3.2	*2.2	*2.2	732.4
Field not determined	5.7	*5.5	*4.3	*2.6	4.6	22.7
Total	1 069.9	524.5	372.6	226.9	178.0	2 372.0

* estimate has a relative standard error of 25% to 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 persons studying for Year 12 or below.

LEVEL OF EDUCATION OF CURRENT STUDY

Main field of education of current study	LEVEL OF EDUCATION OF CURRENT STUDY								Total(a)
	Postgraduate Degree	Graduate Diploma/Certificate	Bachelor Degree	Advanced Diploma/Diploma	Certificate III/IV	Certificate I/II	Certificate n.f.d.	Year 12 or below	
	'000	'000	'000	'000	'000	'000	'000	'000	'000
Natural and physical sciences	11.6	**0.6	46.0	*5.9	**0.4	—	*1.3	—	67.2
Information technology	11.4	*1.9	23.6	9.2	5.5	6.3	3.2	—	61.9
Engineering and related technologies	*7.0	*1.6	51.0	14.0	88.1	5.3	12.5	—	181.4
Architecture and building	*4.7	**1.0	16.5	10.8	41.5	**2.1	*5.3	—	83.2
Agriculture, environmental and related studies	*3.7	**0.6	9.9	*3.8	9.1	*3.4	4.9	—	36.2
Health	19.5	12.6	99.5	28.4	15.8	**1.1	*6.1	—	186.0
Education	14.7	14.9	67.9	9.0	8.3	—	*1.9	—	118.6
Management and commerce	50.7	16.4	153.6	63.5	79.0	20.4	24.0	—	413.7
Society and culture	30.2	14.9	127.6	51.5	43.2	7.2	20.6	—	300.9
Creative arts	*7.3	*1.8	51.1	21.3	9.6	**1.3	*4.9	—	98.7
Food, hospitality and personal services	—	—	**0.2	14.2	41.9	5.7	*6.9	—	69.1
Mixed field programmes(b)	—	—	—	—	*1.5	**1.5	**1.6	726.4	732.4
Field not determined	**1.3	**0.8	12.3	*3.1	*3.2	**0.7	**1.2	—	22.7
Total	162.1	67.2	659.2	234.8	347.1	55.0	94.3	726.4	2 372.0

* estimate has a relative standard error of 25% to 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 persons whose level of education of current study could not be determined.

(b) 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	Employed full-time	Employed part-time	Total employed	Unemployed	Labour force	Not in the labour force	Total
	'000	'000	'000	'000	'000	'000	'000

MALES

Postgraduate Degree	38.5	16.8	55.3	*1.8	57.1	20.3	77.4
Graduate Diploma/Graduate Certificate	17.8	5.9	23.6	**1.2	24.8	*4.9	29.7
Bachelor Degree	59.7	123.8	183.5	11.3	194.8	96.5	291.2
Advanced Diploma/Diploma	41.3	27.5	68.8	*4.8	73.7	20.5	94.2
Certificate III/IV	160.2	20.7	180.9	*5.3	186.2	11.9	198.1
Certificate I/II	10.4	*3.8	14.1	*1.7	15.8	*5.2	21.1
Certificate n.f.d.	28.0	5.5	33.6	*1.6	35.1	*5.2	40.3
Year 12	*2.0	43.5	45.6	5.3	50.8	53.0	103.8
Year 11	**0.7	38.6	39.3	8.2	47.5	79.4	126.9
Year 10 or below	—	28.6	28.6	11.0	39.6	87.5	127.2
Level not determined	7.8	**0.9	8.6	**0.4	9.1	*2.8	11.9
Total	366.4	315.6	682.0	52.5	734.5	387.2	1 121.8

FEMALES

Postgraduate Degree	37.6	23.8	61.4	*2.3	63.7	21.0	84.7
Graduate Diploma/Graduate Certificate	18.3	13.2	31.5	*1.3	32.8	*4.7	37.5
Bachelor Degree	62.3	186.3	248.7	10.1	258.8	109.1	367.9
Advanced Diploma/Diploma	48.7	55.2	103.8	*6.8	110.6	30.0	140.6
Certificate III/IV	64.8	47.2	112.1	9.4	121.5	27.5	149.0
Certificate I/II	12.4	*9.5	22.0	*1.5	23.5	10.5	33.9
Certificate n.f.d.	20.1	16.0	36.1	*3.8	39.9	14.0	53.9
Year 12	**0.3	58.2	58.5	*4.4	62.9	63.6	126.5
Year 11	**0.7	62.8	63.5	8.8	72.2	59.8	132.1
Year 10 or below	**0.4	33.4	33.8	8.4	42.2	67.7	109.9
Level not determined	6.4	*3.5	9.9	**0.9	10.8	*3.2	14.1
Total	272.2	509.2	781.3	57.6	839.0	411.2	1 250.2

PERSONS

Postgraduate Degree	76.2	40.6	116.8	4.1	120.9	41.3	162.1
Graduate Diploma/Graduate Certificate	36.1	19.1	55.1	*2.5	57.6	9.5	67.2
Bachelor Degree	122.0	310.1	432.2	21.4	453.6	205.6	659.2
Advanced Diploma/Diploma	90.0	82.7	172.7	11.6	184.3	50.6	234.8
Certificate III/IV	225.0	67.9	292.9	14.8	307.7	39.4	347.1
Certificate I/II	22.8	13.3	36.1	*3.1	39.3	15.7	55.0
Certificate n.f.d.	48.1	21.6	69.7	5.4	75.1	19.2	94.3
Year 12	*2.4	101.7	104.1	9.7	113.7	116.6	230.4
Year 11	**1.4	101.4	102.8	16.9	119.7	139.2	258.9
Year 10 or below	**0.4	62.1	62.4	19.4	81.8	155.3	237.1
Level not determined	14.2	4.4	18.6	**1.3	19.9	6.0	25.9
Total	638.5	824.8	1 463.4	110.1	1 573.5	798.5	2 372.0

* estimate has a relative standard error of 25% to 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)

	1997	1999	2001	2003	2005	2006	2007
LEVEL OF HIGHEST NON-SCHOOL QUALIFICATION (%) (b)							
Bachelor Degree or above							
Age group (years)							
15-24	(c)6.2	(c)7.0	(c)7.1	7.5	8.0	8.3	8.1
25-34	(c)17.5	(c)20.1	(c)24.0	(c)25.0	29.2	(c)29.2	30.6
35-44	(c)18.0	(c)19.1	(c)19.8	(c)21.3	(c)22.6	24.1	24.6
45-54	(c)14.4	(c)17.9	(c)19.2	(c)20.6	21.4	22.6	22.3
55-64	(c)9.7	(c)10.5	(c)13.3	(c)14.4	(c)15.6	17.9	17.5
Total	(c)13.6	15.4	(c)17.0	(c)18.1	(c)19.6	20.6	20.8
Advanced Diploma/Diploma or below							
Age group (years)							
15-24	(c)15.5	(c)15.6	(c)17.0	17.9	18.1	17.2	18.1
25-34	(c)31.4	(c)32.8	33.6	34.7	33.5	34.4	34.3
35-44	(c)31.7	(c)33.9	(c)34.4	35.1	35.5	35.9	36.1
45-54	(c)29.7	(c)30.7	(c)31.6	(c)32.8	34.5	35.1	35.0
55-64	(c)24.6	(c)27.4	(c)27.7	(c)30.0	32.1	31.3	32.0
Total	(c)26.8	28.3	(c)29.1	(c)30.2	30.7	30.8	31.1
Total with non-school qualifications(d)							
Age group (years)							
15-24	(c)21.7	(c)22.7	(c)24.6	25.7	26.6	26.0	26.3
25-34	(c)48.8	(c)52.9	(c)58.9	(c)60.4	64.1	64.6	65.5
35-44	(c)49.6	(c)53.0	(c)55.5	(c)57.5	(c)59.3	61.3	61.5
45-54	(c)44.1	(c)48.5	(c)52.1	(c)54.5	57.3	58.9	58.3
55-64	(c)34.3	(c)37.9	(c)42.3	(c)45.6	49.4	50.6	50.4
Total	(c)40.4	(c)43.7	(c)47.2	(c)49.1	(c)51.5	52.4	52.6

TOTAL PERSONS ('000)

All persons							
Age group (years)							
15-24	(c)2 638.9	(c)2 648.4	(c)2 703.8	(c)2 771.0	(c)2 792.8	(c)2 799.7	2 833.2
25-34	2 837.2	2 821.8	(c)2 854.6	(c)2 877.4	2 793.5	(c)2 777.9	2 809.8
35-44	(c)2 802.7	(c)2 884.8	(c)2 897.1	(c)2 897.0	(c)2 929.3	(c)2 942.7	2 975.2
45-54	(c)2 360.7	(c)2 493.9	(c)2 592.3	(c)2 629.2	(c)2 709.6	(c)2 734.1	2 796.8
55-64	(c)1 547.4	(c)1 633.7	(c)1 740.6	(c)1 900.5	(c)2 071.1	(c)2 140.2	2 214.9
Total	(c)12 187.0	(c)12 482.6	(c)12 788.3	(c)13 075.1	(c)13 296.3	(c)13 394.7	13 629.9

(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) Difference between this estimate and the 2007 estimate is statistically significant.

(d) 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)									
Postgraduate Degree	177.1	121.2	78.4	25.6	37.7	6.1	*3.3	16.9	466.3
Graduate Diploma/Graduate Certificate	90.9	104.7	55.0	26.1	34.5	6.0	3.3	12.8	333.3
Bachelor Degree	693.8	562.8	348.7	133.8	191.3	34.6	13.5	51.8	2 030.3
Advanced Diploma/Diploma	402.7	300.3	205.8	69.7	118.2	23.8	7.1	24.2	1 151.6
Certificate III/IV	687.1	498.1	492.0	159.9	234.5	57.4	16.3	23.7	2 169.0
Certificate I/II	266.4	142.2	137.8	50.9	80.3	14.6	6.3	8.2	706.5
Certificate n.f.d.	70.7	51.1	39.3	18.4	21.0	4.3	**1.3	2.6	208.5
Level not determined	39.0	22.3	11.7	7.5	13.4	2.4	**0.9	1.7	98.9
<i>Total with a non-school qualification</i>	<i>2 427.6</i>	<i>1 802.5</i>	<i>1 368.6</i>	<i>491.9</i>	<i>730.90</i>	<i>149.3</i>	<i>51.9</i>	<i>141.8</i>	<i>7 164.5</i>
<i>Total without a non-school qualification</i>	<i>2 055.0</i>	<i>1 635.1</i>	<i>1 315.3</i>	<i>509.0</i>	<i>646.0</i>	<i>164.2</i>	<i>52.5</i>	<i>88.3</i>	<i>6 465.4</i>
Total	4 482.6	3 437.6	2 683.9	1 000.8	1 377.0	313.50	104.4	230.1	13 629.9

PROPORTION OF PERSONS WITH A NON-SCHOOL QUALIFICATION (%) (c)									
Sex									
Males	55.2	54.5	53.7	51.0	56.5	49.6	52.6	61.3	54.5
Females	53.2	50.3	48.3	47.3	49.6	45.7	46.5	62.0	50.6
Age group (years)									
15–19	6.7	5.0	7.9	7.4	8.9	*4.4	*8.4	*5.6	6.7
20–24	45.5	45.9	44.3	42.9	47.2	43.0	32.0	47.8	45.2
25–34	65.7	68.3	63.8	61.4	64.0	57.5	57.2	73.4	65.5
35–44	63.5	61.4	60.7	56.2	60.6	58.2	62.5	67.9	61.5
45–54	61.9	56.5	56.2	53.3	58.8	52.7	52.2	71.6	58.3
55–64	52.3	47.8	47.6	50.2	54.4	48.1	45.9	70.9	50.4
Country of birth									
Born in Australia	52.4	52.2	49.2	48.4	50.2	45.8	48.0	61.2	51.1
Born overseas	58.3	52.9	57.5	52.0	58.6	62.3	55.3	63.0	56.5
Area of usual residence									
State capital city	55.9	53.3	53.0	50.6	54.4	49.6	—	—	54.0
Balance of state/Territory	51.0	49.9	49.2	44.7	48.9	46.1	49.7	61.6	50.1
Labour force status									
In the labour force	60.1	58.5	55.6	55.5	57.6	54.2	53.9	64.8	58.1
Employed	61.2	59.5	56.2	56.8	58.3	55.3	55.2	65.6	59.0
Employed full-time	65.4	64.5	60.2	62.1	63.1	58.6	58.0	70.9	63.5
Employed part-time	49.9	46.7	45.3	45.1	46.6	48.1	42.2	49.7	47.4
Unemployed	39.9	38.1	37.5	30.8	36.8	29.1	*20.1	37.7	37.7
Not in the labour force	34.3	31.6	33.9	29.4	36.2	29.3	28.3	46.5	33.3
Highest year of school completed									
Year 12	67.9	66.4	62.9	63.5	64.6	64.0	66.0	70.4	65.9
Year 11	39.7	42.7	42.9	45.2	45.1	44.3	45.6	43.5	42.9
Year 10 or below	39.2	31.5	37.5	30.1	40.3	36.8	33.5	38.2	36.7
Total	54.2	52.4	51.0	49.1	53.1	47.6	49.7	61.6	52.6

* estimate has a relative standard error of 25% to 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) 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 details, see paragraph 9 of the Explanatory Notes.

(c) Persons in a particular state with a non-school qualification as a percentage of the total population within that state.

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	
MALES							
Level of highest non-school qualification							
Postgraduate Degree	—	5.8	55.6	77.3	76.8	54.9	270.4
Graduate Diploma/Graduate Certificate	**0.2	5.9	22.3	35.3	40.7	18.3	122.6
Bachelor Degree	—	84.2	301.1	224.6	195.0	133.3	938.1
Advanced Diploma/Diploma	*3.9	43.2	115.4	115.8	119.5	97.9	495.7
Certificate III/IV	15.0	126.6	326.5	397.3	351.7	264.6	1 481.8
Certificate I/II	9.7	26.2	41.0	65.0	62.4	52.4	256.6
Certificate n.f.d.	10.4	21.5	32.1	17.2	9.5	*3.2	94.0
Level not determined	*1.3	*2.1	8.5	12.9	13.4	10.8	48.9
Main field of highest non-school qualification							
Natural and physical sciences	**0.4	7.1	29.8	32.2	33.0	26.8	129.2
Information technology	*4.2	36.2	83.4	41.9	29.0	12.0	206.7
Engineering and related technologies	6.7	84.0	258.7	331.4	319.9	256.0	1 256.7
Architecture and building	*2.5	35.0	90.4	117.1	101.5	65.5	411.9
Agriculture, environmental and related studies	*2.1	16.7	36.7	40.2	26.0	19.9	141.7
Health	*2.1	*4.8	33.8	31.9	39.9	27.8	140.3
Education	**0.5	*4.1	30.0	23.8	38.4	32.0	128.7
Management and commerce	6.7	59.5	164.3	176.0	149.0	98.6	654.1
Society and culture	*3.2	24.2	73.3	71.9	73.9	57.6	304.1
Creative arts	*4.2	19.5	44.8	27.2	23.5	12.2	131.3
Food, hospitality and personal services	6.9	21.1	49.4	43.0	25.8	22.0	168.2
Mixed field programmes	**0.3	**0.3	**1.2	**0.8	**0.4	**0.4	*3.4
Field not determined	**0.8	*3.0	*6.7	8.0	8.6	*4.8	31.8
Total	40.6	315.6	902.4	945.4	868.9	635.4	3 708.3
FEMALES							
Level of highest non-school qualification							
Postgraduate Degree	—	*4.7	59.5	59.5	45.1	27.1	195.9
Graduate Diploma/Graduate Certificate	**0.4	*4.2	49.7	56.0	62.2	38.1	210.7
Bachelor Degree	**0.6	122.9	370.3	279.4	203.0	116.0	1 092.2
Advanced Diploma/Diploma	*4.9	58.3	170.5	161.5	158.2	102.6	655.9
Certificate III/IV	18.6	89.7	179.4	173.6	142.5	83.4	687.2
Certificate I/II	21.0	33.7	65.5	123.2	113.9	92.7	449.9
Certificate n.f.d.	7.3	21.5	32.6	19.4	21.6	12.2	114.6
Level not determined	**0.1	*2.5	9.1	13.0	15.9	9.3	49.9
Main field of highest non-school qualification							
Natural and physical sciences	—	13.8	38.1	34.0	24.3	15.3	125.5
Information technology	**1.4	7.2	24.9	22.5	14.3	*7.7	77.9
Engineering and related technologies	*2.4	7.3	18.0	23.9	18.5	13.8	83.9
Architecture and building	**0.2	*2.4	16.7	6.7	*3.7	3.9	33.5
Agriculture, environmental and related studies	**0.8	6.6	21.8	17.2	8.0	*1.8	56.4
Health	**1.1	37.9	118.3	141.2	156.6	97.3	552.4
Education	**0.4	16.4	85.0	98.4	111.5	80.2	391.9
Management and commerce	20.5	109.7	288.0	278.2	213.7	125.1	1 035.2
Society and culture	7.7	60.0	167.5	145.6	135.8	81.2	597.9
Creative arts	*2.4	26.1	56.8	42.1	27.3	23.1	177.8
Food, hospitality and personal services	15.2	45.1	88.5	66.9	38.5	27.7	282.0
Mixed field programmes	**0.6	*1.8	*2.0	**0.5	**0.4	**0.2	5.6
Field not determined	**0.2	*3.0	11.1	8.4	9.5	*4.1	36.3
Total	52.9	337.4	936.7	885.5	762.3	481.5	3 456.2
* estimate has a relative standard error of 25% to 50% and should be used with caution	— nil or rounded to zero (including null cells)						
** estimate has a relative standard error greater than 50% and is considered too unreliable for general use	(a) 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 and main field of highest non-school qualification—by age *continued*

	AGE GROUP (YEARS)						Total
	15-19	20-24	25-34	35-44	45-54	55-64	
	'000	'000	'000	'000	'000	'000	
PERSONS							
Level of highest non-school qualification							
Postgraduate Degree	—	10.5	115.1	136.8	121.8	82.1	466.3
Graduate Diploma/Graduate Certificate	**0.6	10.1	72.0	91.3	102.8	56.4	333.3
Bachelor Degree	**0.6	207.1	671.4	504.0	398.1	249.3	2 030.3
Advanced Diploma/Diploma	8.7	101.5	285.9	277.3	277.7	200.6	1 151.6
Certificate III/IV	33.7	216.3	506.0	570.8	494.2	348.0	2 169.0
Certificate I/II	30.7	59.9	106.5	188.1	176.2	145.1	706.5
Certificate n.f.d.	17.8	43.0	64.7	36.6	31.0	15.4	208.5
Level not determined	*1.4	*4.6	17.6	25.9	29.3	20.1	98.9
Main field of highest non-school qualification							
Natural and physical sciences	*0.4	20.9	67.9	66.2	57.4	42.0	254.7
Information technology	5.6	43.4	108.2	64.4	43.3	19.8	284.6
Engineering and related technologies	9.2	91.3	276.7	355.3	338.4	269.7	1 340.7
Architecture and building	*2.6	37.3	107.1	123.8	105.2	69.4	445.4
Agriculture, environmental and related studies	*3.0	23.4	58.6	57.4	34.1	21.8	198.1
Health	*3.2	42.7	152.1	173.1	196.4	125.1	692.7
Education	*0.9	20.5	114.9	122.2	150.0	112.2	520.6
Management and commerce	27.2	169.2	452.3	454.1	362.7	223.7	1 689.3
Society and culture	10.9	84.2	240.9	217.6	209.7	138.8	902.0
Creative arts	6.5	45.5	101.6	69.3	50.8	35.3	309.1
Food, hospitality and personal services	22.1	66.2	137.9	109.9	64.3	49.7	450.2
Mixed field programmes	**0.9	*2.2	*3.2	*1.3	**0.8	**0.6	9.0
Field not determined	**1.0	6.0	17.8	16.3	18.1	8.9	68.0
Total	93.5	652.9	1 839.1	1 830.9	1 631.2	1 116.9	7 164.5

* estimate has a relative standard error of 25% to 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) Non-school qualification refers to educational attainments other than those of pre-primary, primary or secondary education.

LEVEL OF HIGHEST NON-SCHOOL QUALIFICATION

Main field of highest non-school qualification	Postgraduate Degree	Graduate Diploma/ Graduate Certificate	Bachelor Degree	Advanced Diploma/ Diploma	Certificate III/IV	Certificate I/II	Certificate n.f.d.	Level not determined	Total
	'000	'000	'000	'000	'000	'000	'000	'000	'000
Natural and physical sciences	53.3	*7.1	158.7	22.4	*3.2	*7.3	**1.1	*1.7	254.7
Information technology	26.2	14.6	108.0	53.2	40.9	30.3	8.9	*2.5	284.6
Engineering and related technologies	39.5	9.6	178.0	131.8	829.1	107.4	28.9	16.3	1 340.7
Architecture and building	*5.1	*4.5	45.3	27.4	325.4	23.1	*6.7	7.8	445.4
Agriculture, environmental and related studies	9.1	*2.9	41.4	41.1	63.5	30.1	8.7	**1.4	198.1
Health	50.0	56.3	296.2	153.7	88.3	20.3	10.8	17.2	692.7
Education	37.4	104.2	242.6	96.0	25.8	*0.9	7.7	*6.0	520.6
Management and commerce	131.4	68.5	435.1	317.7	304.1	346.3	58.5	27.8	1 689.3
Society and culture	88.1	52.6	364.1	160.4	163.0	36.6	30.8	*6.4	902.0
Creative arts	18.5	11.5	123.2	85.1	40.7	17.2	9.0	3.9	309.1
Food, hospitality and personal services	—	**0.3	*3.8	51.9	275.2	83.1	31.2	*4.7	450.2
Mixed field programmes	—	—	—	**0.4	**1.7	*2.7	*2.8	*1.3	9.0
Field not determined	7.8	*1.1	34.0	10.4	8.1	*1.3	*3.3	**2.0	68.0
Total	466.3	333.3	2 030.3	1 151.6	2 169.0	706.5	208.5	98.9	7 164.5

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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.

LABOUR FORCE STATUS

Level of highest non-school qualification	Employed full-time	Employed part-time	Total employed	Unemployed	Labour force	Not in the labour force	Total
	'000	'000	'000	'000	'000	'000	'000
YEAR 12							
Postgraduate Degree	334.5	55.3	389.8	10.4	400.1	49.0	449.2
Graduate Diploma/Graduate Certificate	189.4	70.2	259.6	5.5	265.0	35.3	300.3
Bachelor Degree	1 293.1	340.1	1 633.1	33.8	1 666.9	230.7	1 897.7
Advanced Diploma/Diploma	509.0	185.5	694.6	22.5	717.1	121.8	838.9
Certificate III/IV	537.5	129.1	666.6	19.3	685.9	87.8	773.7
Certificate I/II	136.3	72.7	209.0	11.9	220.9	54.1	275.0
Certificate n.f.d.	61.1	20.1	81.1	*5.1	86.3	10.3	96.5
Level not determined	30.9	13.2	44.1	**2.0	46.1	9.2	55.4
Total with a non-school qualification	3 091.9	886.0	3 977.9	110.5	4 088.4	598.3	4 686.7
Total without a non-school qualification	1 176.3	616.8	1 793.1	91.5	1 884.6	544.8	2 429.4
Total	4 268.2	1 502.8	5 771.0	202.0	5 973.0	1 143.1	7 116.1

YEAR 11

Postgraduate Degree	*3.9	*1.7	*5.6	—	*5.6	**1.6	*7.2
Graduate Diploma/Graduate Certificate	9.6	*2.0	11.6	—	11.6	*1.9	13.5
Bachelor Degree	32.0	11.4	43.4	**0.9	44.3	6.8	51.1
Advanced Diploma/Diploma	59.8	28.8	88.7	*2.9	91.6	16.6	108.2
Certificate III/IV	239.5	52.4	291.9	*7.0	298.9	33.4	332.3
Certificate I/II	44.5	28.2	72.7	*2.6	75.3	21.2	96.5
Certificate n.f.d.	19.2	8.8	28.0	*2.0	30.0	*2.8	32.8
Level not determined	5.9	*2.0	7.9	**0.2	8.1	**1.0	9.1
Total with a non-school qualification	414.5	135.3	549.8	15.6	565.4	85.3	650.7
Total without a non-school qualification	330.9	228.8	559.7	42.1	601.8	264.2	866.0
Total	745.4	364.1	1 109.5	57.7	1 167.2	349.5	1 516.7

YEAR 10 OR BELOW

Postgraduate Degree	7.7	**1.2	8.9	—	8.9	**1.0	9.9
Graduate Diploma/Graduate Certificate	11.5	*3.4	14.9	**0.9	15.8	*3.6	19.4
Bachelor Degree	44.7	16.8	61.5	*0.9	62.4	19.1	81.6
Advanced Diploma/Diploma	116.0	46.9	162.9	*4.4	167.3	37.1	204.4
Certificate III/IV	736.9	149.5	886.3	19.8	906.1	156.0	1 062.2
Certificate I/II	153.7	73.6	227.3	14.0	241.3	93.3	334.5
Certificate n.f.d.	44.2	16.9	61.2	6.4	67.6	11.6	79.2
Level not determined	15.4	*7.8	23.2	**0.5	23.7	10.6	34.4
Total with a non-school qualification	1 130.2	316.1	1 446.4	46.9	1 493.2	332.4	1 825.6
Total without a non-school qualification	1 149.9	637.3	1 787.2	152.1	1 939.3	1 209.1	3 148.4
Total	2 280.2	953.4	3 233.6	199.0	3 432.5	1 541.4	4 974.0

TOTAL (b)

Postgraduate Degree	346.1	58.2	404.3	10.4	414.7	51.6	466.3
Graduate Diploma/Graduate Certificate	210.5	75.6	286.1	6.4	292.5	40.8	333.3
Bachelor Degree	1 369.8	368.3	1 738.1	35.6	1 773.7	256.7	2 030.3
Advanced Diploma/Diploma	685.1	261.3	946.4	29.8	976.2	175.5	1 151.6
Certificate III/IV	1 514.3	331.3	1 845.6	46.1	1 891.7	277.3	2 169.0
Certificate I/II	334.6	174.4	509.0	28.6	537.6	168.9	706.5
Certificate n.f.d.	124.5	45.8	170.3	13.5	183.8	24.7	208.5
Level not determined	52.3	23.0	75.3	*2.7	78.0	20.9	98.9
Total with a non-school qualification	4 637.1	1 337.9	5 975.1	173.0	6 148.1	1 016.4	7 164.5
Total without a non-school qualification	2 660.8	1 485.1	4 145.9	286.1	4 432.0	2 033.4	6 465.4
Total	7 298.0	2 823.0	10 121.0	459.1	10 580.1	3 049.8	13 629.9

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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) Includes persons who never attended school.

LEVEL OF HIGHEST NON-SCHOOL QUALIFICATION

	Post-graduate Degree	Graduate Diploma/ Graduate Certificate	Bachelor Degree	Advanced Diploma/ Diploma	Cert. III/IV	Cert. I/II	Cert. n.f.d.	Without non-school qualification	Total(b)
	'000	'000	'000	'000	'000	'000	'000	'000	'000
Sex									
Males	245.7	113.2	852.7	444.8	1 319.4	213.7	82.7	2 231.3	5 544.9
Females	158.6	172.9	885.3	501.6	526.3	295.3	87.6	1 914.7	4 576.1
Age group (years)									
15-19	—	**0.2	—	6.9	28.6	21.9	11.9	657.4	728.0
20-24	9.2	8.9	177.0	83.1	192.9	44.7	39.2	557.5	1 115.2
25-34	95.3	61.3	584.1	237.3	434.4	76.5	51.5	684.1	2 239.3
35-44	123.7	82.0	436.0	231.1	505.1	139.6	30.9	847.2	2 417.2
45-54	115.0	94.2	358.5	246.7	439.8	140.6	25.7	855.2	2 297.2
55-59	41.0	25.0	116.8	90.0	159.2	53.1	9.4	338.1	842.3
60-64	20.2	14.4	65.6	51.2	85.7	32.5	*1.8	206.6	481.8
Country of birth									
Born in Australia	199.6	211.9	1 148.5	671.7	1 474.5	401.0	138.3	3 227.7	7 524.2
Born overseas	204.7	74.3	589.6	274.7	371.1	108.0	32.0	918.3	2 596.8
Occupation(c)									
Managers	78.2	44.1	256.3	132.7	205.1	57.0	17.8	431.3	1 233.3
Professionals	258.7	175.3	971.8	260.4	94.9	25.1	12.1	239.1	2 057.4
Technicians and trades workers	12.3	10.6	85.5	111.4	744.5	76.1	25.8	497.9	1 571.6
Community and personal service workers	10.0	18.4	88.1	148.9	190.0	49.8	34.3	368.5	918.6
Clerical and administrative workers	28.9	23.2	198.0	163.1	219.0	155.4	32.2	785.9	1 616.1
Sales workers	9.6	7.5	75.4	63.4	108.1	51.5	18.4	609.3	949.2
Machinery operators and drivers	*3.3	*2.3	20.7	23.9	133.0	36.8	12.5	451.3	688.6
Labourers	*3.3	*4.7	42.3	42.4	151.0	57.3	17.3	762.6	1 086.2
Industry(d)									
Agriculture, forestry and fishing	*2.9	*2.1	20.6	19.6	46.8	22.2	*4.3	164.7	285.4
Mining	*4.5	*2.6	17.6	6.4	36.5	5.1	*3.7	51.4	128.9
Manufacturing	18.3	8.9	104.4	69.2	275.0	53.6	15.1	471.7	1 021.9
Electricity, gas, water and waste services	4.3	*1.9	15.2	8.1	27.1	*2.9	**0.4	40.3	101.2
Construction	9.3	3.7	53.5	44.8	354.2	40.7	14.6	366.0	895.6
Wholesale trade	9.4	*6.1	52.1	34.7	66.5	25.7	*5.6	195.4	399.4
Retail trade	14.2	10.5	97.5	74.8	158.5	63.5	19.5	701.2	1 146.1
Accommodation and food services	*4.9	7.8	45.7	47.9	85.4	37.5	17.2	431.1	680.1
Transport, postal and warehousing	9.0	*7.1	50.8	38.9	96.8	31.5	8.4	287.0	532.2
Information media and telecommunications	16.5	6.2	58.3	31.7	30.4	12.8	*2.5	88.4	247.1
Financial and insurance services	24.3	12.2	115.0	47.7	28.1	14.2	7.9	146.6	398.4
Rental, hiring and real estate services	*3.5	*4.8	25.8	19.7	40.1	11.6	8.3	82.1	197.4
Professional, scientific and technical services	66.9	30.0	272.2	82.4	61.3	27.9	8.1	150.5	704.5
Administrative and support services	7.7	6.1	41.8	29.4	55.9	20.9	*6.2	175.4	345.6
Public administration and safety	39.5	29.0	144.7	83.0	81.8	31.8	8.7	196.6	621.8
Education and training	99.5	79.7	271.7	91.2	60.7	22.8	9.1	113.9	755.1
Health care and social assistance	55.0	57.7	274.2	164.7	159.5	50.1	17.1	259.8	1 050.1
Arts and recreation services	*4.9	*3.9	34.7	17.8	23.3	11.2	**2.6	81.3	181.6
Other services	9.7	*5.8	42.4	34.3	157.6	23.0	10.8	142.5	428.7
Total	404.3	286.1	1 738.1	946.4	1 845.6	509.0	170.3	4 145.9	10 121.0

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

(b) Includes persons whose highest non-school qualification was at a level not determined.

(c) Occupation classification change effective since 2007. For further details, see paragraphs 18-20 of the Explanatory Notes.

(d) Industry classification change effective since 2007. For further details, see paragraphs 15-17 of the Explanatory Notes.

<i>Level of highest educational attainment</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT(b)</i>	<i>ACT</i>	<i>Aust.</i>
	'000	'000	'000	'000	'000	'000	'000	'000	'000
MALES									
Postgraduate Degree	99.9	71.6	44.8	14.7	22.8	3.6	*1.8	11.2	270.4
Graduate Diploma/Graduate Certificate	33.3	38.5	19.4	9.0	14.4	*1.9	*0.9	5.2	122.6
Bachelor Degree	330.2	260.8	152.2	58.5	92.5	14.2	5.9	23.8	938.1
Advanced Diploma/Diploma	175.0	131.6	81.3	30.7	54.4	10.9	2.9	8.9	495.7
Certificate III/IV	467.7	343.7	343.3	104.2	158.4	36.9	12.1	15.6	1 481.8
Certificate I/II	16.5	9.5	12.4	*3.4	5.7	*1.7	**0.5	**0.4	49.9
Certificate n.f.d.	**1.7	**0.7	*1.9	**0.3	**0.6	—	**0.1	—	*5.5
Year 12	431.1	337.2	287.6	98.0	129.0	24.1	9.8	27.6	1 344.4
Year 11	88.7	152.0	73.0	71.2	55.0	8.9	*6.1	3.8	458.6
Year 10 or below	576.2	350.8	314.5	104.9	151.5	51.5	13.4	16.1	1 579.0
Level not determined	15.5	12.1	*5.8	4.5	8.4	*1.1	*0.7	*0.9	48.9
Total(c)	2 237.9	1 710.5	1 337.8	500.5	693.6	154.7	54.2	113.6	6 802.8
FEMALES									
Postgraduate Degree	77.2	49.6	33.6	10.9	14.9	2.5	*1.6	5.7	195.9
Graduate Diploma/Graduate Certificate	57.7	66.2	35.6	17.0	20.1	4.1	2.3	7.6	210.7
Bachelor Degree	363.5	301.9	196.5	75.3	98.9	20.4	7.7	28.0	1 092.2
Advanced Diploma/Diploma	227.6	168.6	124.4	38.9	63.8	13.0	4.2	15.3	655.9
Certificate III/IV	219.4	154.4	148.7	55.7	76.1	20.6	4.2	8.2	687.2
Certificate I/II	30.2	12.9	14.9	*3.0	7.9	2.1	**0.1	—	71.2
Certificate n.f.d.	*3.9	*3.1	*1.7	**0.7	**0.7	**0.1	—	—	10.1
Year 12	454.1	388.6	300.0	99.5	154.2	23.5	9.5	27.2	1 456.6
Year 11	102.6	190.4	85.0	74.1	64.7	10.0	5.5	4.4	536.7
Year 10 or below	681.5	376.3	397.4	120.9	175.7	61.1	14.8	19.3	1 847.0
Level not determined	23.5	10.2	*5.9	*3.0	5.0	*1.3	**0.1	*0.9	49.9
Total(c)	2 244.7	1 727.1	1 346.0	500.3	683.3	158.8	50.2	116.6	6 827.1
PERSONS									
Postgraduate Degree	177.1	121.2	78.4	25.6	37.7	6.1	*3.3	16.9	466.3
Graduate Diploma/Graduate Certificate	90.9	104.7	55.0	26.1	34.5	6.0	3.3	12.8	333.3
Bachelor Degree	693.8	562.8	348.7	133.8	191.3	34.6	13.5	51.8	2 030.3
Advanced Diploma/Diploma	402.7	300.3	205.8	69.7	118.2	23.8	7.1	24.2	1 151.6
Certificate III/IV	687.1	498.1	492.0	159.9	234.5	57.4	16.3	23.7	2 169.0
Certificate I/II	46.8	22.4	27.3	6.4	13.6	3.8	**0.6	**0.4	121.1
Certificate n.f.d.	*5.6	*3.8	*3.6	*1.0	*1.4	**0.1	**0.1	—	15.5
Year 12	885.2	725.8	587.6	197.5	283.2	47.5	19.3	54.8	2 800.9
Year 11	191.3	342.3	158.0	145.3	119.7	19.0	11.5	8.2	995.2
Year 10 or below	1 257.7	727.1	711.9	225.8	327.2	112.6	28.2	35.4	3 425.9
Level not determined	39.0	22.3	11.7	7.5	13.4	2.4	*0.9	1.7	98.9
Total(c)	4 482.6	3 437.6	2 683.9	1 000.8	1 377.0	313.5	104.4	230.1	13 629.9

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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) The levels of education are not necessarily listed in order from highest to lowest. For further details see paragraphs 27-29 of the Explanatory Notes.

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

(c) Includes persons who never attended school and who have no non-school qualifications.

	AGE GROUP (YEARS)						Total
	15-19	20-24	25-34	35-44	45-54	55-64	
	'000	'000	'000	'000	'000	'000	
Level of highest educational attainment(a)							
Postgraduate Degree	—	10.5	115.1	136.8	121.8	82.1	466.3
Graduate Diploma/Graduate Certificate	**0.6	10.1	72.0	91.3	102.8	56.4	333.3
Bachelor Degree	**0.6	207.1	671.4	504.0	398.1	249.3	2 030.3
Advanced Diploma/Diploma	8.7	101.5	285.9	277.3	277.7	200.6	1 151.6
Certificate III/IV	33.7	216.3	506.0	570.8	494.2	348.0	2 169.0
Certificate I/II	*5.0	13.8	15.9	28.0	26.5	32.1	121.1
Certificate n.f.d	*1.9	*2.6	**1.5	*1.8	*3.4	*4.4	15.5
Year 12	413.7	637.8	623.1	489.0	386.8	250.6	2 800.9
Year 11	269.2	78.7	145.5	205.1	185.0	111.8	995.2
Year 10 or below	655.2	159.1	353.2	642.2	766.2	850.1	3 425.9
Level not determined	*1.4	*4.6	17.6	25.9	29.3	20.1	98.9
Main field of education							
Natural and physical sciences	—	19.5	67.9	65.2	54.8	39.4	246.7
Information technology	*3.5	38.0	101.0	56.5	37.8	16.5	253.3
Engineering and related technologies	*4.0	82.4	254.5	326.6	310.1	252.4	1 230.1
Architecture and building	*1.9	34.4	101.6	115.8	100.9	66.6	421.2
Agriculture, environmental and related studies	**1.6	20.1	52.0	48.7	29.1	18.0	169.5
Health	*1.7	41.5	147.7	165.2	188.9	120.3	665.4
Education	*0.9	20.5	113.4	120.4	147.6	109.9	512.6
Management and commerce	16.2	137.0	393.7	358.5	272.0	155.6	1 333.0
Society and culture	7.2	76.7	228.0	204.7	195.9	131.4	843.9
Creative arts	*5.1	41.2	97.0	65.0	46.7	31.2	286.3
Food, hospitality and personal services	8.8	48.6	109.5	92.8	52.8	43.4	355.8
Mixed field programmes(b)	1 338.5	876.8	1 123.7	1 336.9	1 338.0	1 212.7	7 226.6
Field not determined	**0.4	5.3	17.1	15.9	17.0	8.1	63.8
Total(c)	1 390.1	1 443.1	2 809.8	2 975.2	2 796.8	2 214.9	13 629.9

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

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

— nil or rounded to zero (including null cells)

(a) The levels of education are not necessarily listed in order from highest to lowest. For further details, see paragraphs 27-29 of the Explanatory Notes.

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

(c) Includes persons who never attended school and who have no non-school qualifications.

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	51.4	39.1	32.0	10.8	12.9	3.7	*0.8	3.0	153.7
Females	78.5	52.4	48.1	16.2	19.9	5.4	*1.2	5.2	226.9
Age group (years)									
15-19	15.1	8.2	*8.5	*1.3	3.3	*0.8	—	0.9	38.2
20-24	28.8	23.3	16.3	6.5	6.5	2.6	**0.2	1.3	85.6
25-34	39.6	23.8	21.0	8.6	10.5	2.0	*0.8	*2.9	109.3
35-44	26.9	17.4	19.4	5.6	7.1	*1.9	**0.3	*1.7	80.2
45-64	19.4	18.8	15.0	5.0	5.3	1.9	**0.6	1.2	67.3
Labour force status									
Employed full-time	62.5	45.6	35.8	10.4	13.5	4.3	*1.2	4.0	177.2
Employed part-time	30.6	19.3	19.4	8.1	11.0	2.5	**0.5	1.9	93.4
Unemployed	9.9	*5.5	*2.3	*0.9	*1.5	**0.2	—	**0.4	20.7
Not in the labour force	26.8	21.1	22.7	*7.6	6.8	*2.1	**0.3	*1.8	89.3
Total	129.8	91.5	80.2	27.0	32.8	9.1	*2.0	8.2	380.6

LEAVERS (c)									
Sex									
Males	144.0	115.8	100.7	37.7	43.9	9.4	4.9	9.6	466.0
Females	156.2	105.7	100.1	35.9	49.9	12.8	6.5	9.3	476.5
Age group (years)									
15-19	64.8	33.9	40.4	13.4	23.3	4.8	*2.3	3.4	186.4
20-24	65.9	59.5	39.5	18.9	19.4	4.6	*1.0	4.4	213.1
25-34	64.8	53.1	47.2	18.5	20.5	4.6	2.9	5.7	217.2
35-44	49.4	35.7	36.3	11.8	15.2	3.8	*2.6	3.5	158.3
45-64	55.3	39.4	37.4	11.0	15.3	4.4	*2.6	*2.0	167.5
Labour force status									
Employed full-time	180.2	141.0	129.5	45.2	58.1	11.3	7.4	14.0	586.7
Employed part-time	69.2	47.8	43.3	15.9	19.3	5.8	*1.5	3.0	205.8
Unemployed	23.9	12.9	11.2	6.2	5.3	*2.3	*0.9	**0.3	63.0
Not in the labour force	26.9	19.8	16.8	6.3	11.1	2.8	*1.6	*1.6	87.0
Total	300.2	221.6	200.8	73.7	93.8	22.2	11.4	18.9	942.5

* estimate has a relative standard error of 25% to 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 details, 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 2006, but who were enrolled in a course of study leading to a qualification in May 2007.

(c) Refers to persons aged 15-64 years who were enrolled in a course of study leading to a qualification in 2006, but who were not enrolled in a course of study leading to a qualification in May 2007.

<i>Labour force status at May 2007</i>	<i>Enrolled full-time in May 2007</i>	<i>Enrolled part-time in May 2007</i>	<i>Not enrolled in May 2007</i>	<i>Total</i>
	'000	'000	'000	'000
.....				
ENROLLED FULL-TIME IN 2006				
Employed full-time	12.7	23.9	56.1	92.8
Employed part-time	384.2	7.7	45.2	437.1
Unemployed	56.2	*1.5	21.5	79.1
Not in the labour force	485.1	*1.9	20.3	507.3
<i>Total</i>	938.2	35.0	143.2	1 116.3
.....				
ENROLLED PART-TIME IN 2006				
Employed full-time	**0.3	42.9	20.8	64.0
Employed part-time	*4.8	*3.7	10.0	18.4
Unemployed	**1.2	**0.9	*5.9	8.1
Not in the labour force	*3.2	*1.5	6.6	11.2
<i>Total</i>	9.5	49.0	43.2	101.7
.....				
NOT ENROLLED IN 2006				
Employed full-time	**1.3	8.3	64.5	74.1
Employed part-time	12.9	*1.7	27.1	41.7
Unemployed	*2.8	**0.7	20.2	23.8
Not in the labour force	9.3	*1.2	22.0	32.5
<i>Total</i>	26.4	11.8	133.9	172.1
.....				
TOTAL				
Employed full-time	14.3	75.1	141.4	230.8
Employed part-time	401.8	13.1	82.3	497.2
Unemployed	60.2	*3.2	47.6	111.0
Not in the labour force	497.6	*4.5	48.9	551.1
Total	974.0	95.9	320.2	1 390.1

* estimate has a relative standard error of 25% to 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) 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>Labour force status at May 2007</i>	<i>Enrolled full-time in May 2007</i>	<i>Enrolled part-time in May 2007</i>	<i>Not enrolled in May 2007</i>	<i>Total</i>
	'000	'000	'000	'000
.....				
ENROLLED FULL-TIME IN 2006				
Employed full-time	17.7	12.9	76.8	107.4
Employed part-time	169.8	*7.6	27.8	205.2
Unemployed	12.0	**0.8	8.4	21.3
Not in the labour force	115.1	**0.7	10.2	126.0
<i>Total</i>	314.7	22.0	123.2	459.9
.....				
ENROLLED PART-TIME IN 2006				
Employed full-time	**1.0	77.3	77.9	156.2
Employed part-time	*3.2	13.4	6.8	23.4
Unemployed	**0.2	*1.5	*3.5	*5.2
Not in the labour force	**2.5	*3.1	*1.8	*7.4
<i>Total</i>	6.9	95.3	89.9	192.2
.....				
NOT ENROLLED IN 2006				
Employed full-time	*3.6	25.9	475.7	505.2
Employed part-time	18.7	6.4	92.7	117.8
Unemployed	*4.0	*1.4	36.7	42.1
Not in the labour force	23.3	*2.2	100.4	125.9
<i>Total</i>	49.6	36.0	705.5	791.1
.....				
TOTAL				
Employed full-time	22.4	116.2	630.3	768.9
Employed part-time	191.7	27.3	127.3	346.3
Unemployed	16.3	*3.7	48.6	68.6
Not in the labour force	141.0	6.0	112.3	259.3
Total	371.3	153.3	918.6	1 443.1

* estimate has a relative standard error of 25% to 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) 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	—	*4.0	22.0	*4.8	13.7	17.0	30.8
Graduate Diploma/Graduate Certificate	—	**1.6	16.6	*3.7	9.0	12.9	21.9
Bachelor Degree	15.8	32.3	24.8	*4.5	27.8	49.6	77.4
Advanced Diploma/Diploma	*4.3	*10.2	28.5	11.4	20.1	34.2	54.3
Certificate III/IV	11.4	21.2	55.9	20.4	48.3	60.5	108.8
Certificate I/II	*2.9	*4.4	12.0	8.4	9.8	17.9	27.7
Certificate n.f.d.	*3.3	8.4	23.4	10.7	17.5	28.3	45.8
Year 12 or below	**0.5	**1.3	*1.8	**0.7	*2.1	*2.3	*4.3
Level not determined	—	*2.3	*4.6	*2.7	5.4	*4.3	9.6
Main field of education of current study leading to a qualification							
Natural and physical sciences	*2.5	*2.5	5.1	**1.1	*6.4	4.8	11.2
Information technology	—	*4.5	*5.1	*3.8	6.7	6.6	13.3
Engineering and related technologies	*5.6	8.5	10.6	*3.3	24.0	*4.0	28.0
Architecture and building	*2.7	5.5	7.9	**0.1	12.7	*3.5	16.2
Agriculture, environmental and related studies	**0.9	*2.2	6.6	*1.7	6.9	*4.4	11.3
Health	*4.6	*4.3	27.0	7.2	10.6	32.4	43.0
Education	**1.7	5.3	15.2	*4.1	*4.8	21.4	26.2
Management and commerce	7.3	22.5	52.0	18.9	40.8	59.8	100.6
Society and culture	*4.8	14.4	39.2	19.5	23.0	54.9	77.9
Creative arts	*4.2	*6.2	*6.2	*3.2	*5.7	14.1	19.8
Food, hospitality and personal services	*3.0	7.0	8.6	*1.3	7.3	12.6	19.9
Mixed field programmes(b)	**1.0	*2.0	*3.2	*1.6	*3.2	*4.5	7.7
Field not determined	**0.1	**0.7	*3.1	*1.5	*1.5	*3.9	5.3
Total	38.2	85.6	189.5	67.3	153.7	226.9	380.6

* estimate has a relative standard error of 25% to 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 persons aged 15-64 years who were not enrolled in a course of study leading to a qualification in 2006, but who were enrolled in a course of study leading to a qualification in May 2007.

(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 2006 leading to a qualification							
Postgraduate Degree	—	6.8	44.7	7.2	35.4	23.3	58.7
Graduate Diploma/Graduate Certificate	**0.4	*2.8	20.0	8.5	11.6	20.2	31.8
Bachelor Degree	*3.9	75.1	54.3	7.9	63.8	77.4	141.2
Advanced Diploma/Diploma	5.9	25.1	60.5	23.4	47.6	67.3	114.9
Certificate III/IV	20.6	74.1	113.2	62.1	140.2	129.8	270.0
Certificate I/II	6.2	9.5	22.5	17.7	21.2	34.8	56.0
Certificate n.f.d.	8.1	17.3	52.0	34.2	57.1	54.6	111.7
Year 12 or below	141.2	*1.7	**0.5	**0.6	80.7	63.3	144.0
Level not determined	—	**0.7	7.8	5.7	8.4	5.8	14.2
Main field of education of study in 2006 leading to a qualification							
Natural and physical sciences	**0.4	4.1	8.7	*1.7	7.1	7.8	14.8
Information technology	*1.5	14.5	15.4	9.3	28.1	12.6	40.7
Engineering and related technologies	8.4	37.2	35.2	14.7	85.7	9.8	95.5
Architecture and building	*3.6	13.6	16.4	4.4	34.9	*3.0	37.9
Agriculture, environmental and related studies	**0.7	5.0	14.2	*5.0	17.3	7.6	24.9
Health	*2.0	15.8	40.2	21.3	23.9	55.4	79.3
Education	—	8.7	22.2	5.6	9.3	27.2	36.4
Management and commerce	13.1	47.4	128.5	55.1	101.2	142.9	244.2
Society and culture	5.4	30.4	60.4	38.2	41.1	93.3	134.4
Creative arts	*3.5	12.8	13.8	*3.1	14.4	18.7	33.2
Food, hospitality and personal services	*5.3	19.3	15.1	*4.3	15.8	28.1	44.0
Mixed field programmes(b)	141.7	*1.7	*2.1	**1.2	81.8	64.9	146.7
Field not determined	**0.9	*2.6	*3.4	*3.5	*5.3	5.1	10.4
Total	186.4	213.1	375.6	167.5	466.0	476.5	942.5

* estimate has a relative standard error of 25% to 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 persons aged 15-64 years who were enrolled in a course of study leading to a qualification in 2006, but who were not enrolled in a course of study leading to a qualification in May 2007.

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

	LABOUR FORCE STATUS				
	<i>Employed</i>	<i>Unemployed</i>	<i>Labour force</i>	<i>Not in the labour force</i>	<i>Total</i>
	'000	'000	'000	'000	'000
Whether attending and level of study in May 2007					
Attending in May 2007	105.3	9.1	114.4	53.5	167.9
Study leading to a qualification	102.9	8.1	111.0	51.5	162.5
Bachelor Degree or above	46.8	*3.2	50.0	33.7	83.6
Advanced Diploma/Diploma	14.0	**1.1	15.1	*6.1	21.2
Certificate III/IV	32.0	**1.5	33.5	5.1	38.6
Certificate I/II	*4.7	**1.3	*6.0	*2.2	*8.2
Certificate n.f.d.	*4.0	**0.7	4.7	*2.1	6.8
Year 12 or below	**0.5	**0.3	**0.8	**1.2	*2.0
Level not determined	**0.9	—	**0.9	**1.2	*2.1
Study not leading to a qualification	*2.4	**1.0	*3.3	*2.0	*5.3
Not attending in May 2007	92.3	21.0	113.2	21.9	135.2
Highest year of school completed					
Year 12	145.8	14.8	160.6	54.2	214.8
Year 11	17.2	*5.0	22.2	6.0	28.1
Year 10	30.8	6.1	36.9	10.7	47.6
Year 9 or below	*3.7	*4.2	*7.9	*4.6	12.5
Sex					
Males	101.2	15.3	116.5	38.9	155.3
Females	96.4	14.8	111.1	36.6	147.7
Total	197.6	30.1	227.6	75.4	303.1

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

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

— nil or rounded to zero (including null cells)

(a) Persons aged 15–24 years who attended school in 2006 but were not attending in May 2007.

LABOUR FORCE STATUS

	Employed full-time	Employed part-time	Total employed	Unemployed	Labour force	Not in the labour force	Total
	'000	'000	'000	'000	'000	'000	'000
AGED 15–19 YEARS							
Enrolled or applied to enrol in a course of study in 2007	102.2	430.4	532.5	69.3	601.8	511.2	1 113.0
Studying in May 2007(a)	90.1	419.1	509.3	64.9	574.2	507.0	1 081.2
Gained placement but deferred study(b)	9.3	8.7	18.1	*2.0	20.1	*3.4	23.4
TAFE	*2.9	*2.6	*5.5	**1.1	6.6	**1.4	*8.0
Higher education	6.4	*5.5	11.9	**0.8	12.6	**0.5	13.1
Unable to gain placement on application(b)	*2.7	*2.5	5.2	*2.4	7.6	**0.8	8.3
TAFE	*2.2	*1.5	*3.7	*1.6	5.3	**0.5	5.8
Higher education	**0.5	**0.9	**1.3	**0.5	*1.8	—	*1.8
Did not apply to enrol in a course of study in 2007	128.7	66.8	195.5	41.8	237.2	39.9	277.1
Total	230.8	497.2	728.0	111.0	839.0	551.1	1 390.1
AGED 20–24 YEARS							
Enrolled or applied to enrol in a course of study in 2007	157.5	228.3	385.8	21.3	407.1	159.8	566.9
Studying in May 2007(a)	143.2	223.2	366.4	20.3	386.7	152.7	539.4
Gained placement but deferred study(b)	9.1	*3.9	13.1	**0.7	13.8	*5.0	18.8
TAFE	*3.6	**0.7	4.2	**0.5	4.8	*2.4	7.1
Higher education	*3.2	*2.3	*5.5	**0.2	*5.7	**2.0	7.6
Unable to gain placement on application(b)	5.2	*1.1	6.3	**0.3	6.5	*2.1	8.7
TAFE	*4.3	**0.2	*4.5	**0.3	*4.8	**0.5	5.3
Higher education	*0.9	**0.9	*1.8	—	*1.8	**0.7	*2.5
Did not apply to enrol in a course of study in 2007	611.3	118.1	729.4	47.3	776.7	99.5	876.2
Total	768.9	346.3	1 115.2	68.6	1 183.8	259.3	1 443.1
AGED 25–64 YEARS							
Enrolled or applied to enrol in a course of study in 2007	516.4	236.0	752.4	38.5	790.9	190.9	981.8
Studying in May 2007(a)	452.8	209.2	662.1	31.4	693.5	174.6	868.1
Gained placement but deferred study(b)	47.8	16.0	63.8	*4.0	67.8	9.6	77.3
TAFE	12.1	6.7	18.9	*2.2	21.0	*4.1	25.2
Higher education	17.8	*3.8	21.6	**0.3	21.9	*2.0	23.9
Unable to gain placement on application(b)	15.8	10.8	26.6	*3.1	29.7	6.7	36.4
TAFE	*6.6	*4.6	11.2	*2.1	13.3	*3.1	16.4
Higher education	7.4	*3.5	10.9	**0.5	11.4	**1.0	12.4
Did not apply to enrol in a course of study in 2007	5 781.9	1 743.5	7 525.4	241.0	7 766.3	2 048.5	9 814.8
Total	6 298.3	1 979.5	8 277.8	279.5	8 557.3	2 239.4	10 796.6
TOTAL							
Enrolled or applied to enrol in a course of study in 2007	776.1	894.6	1 670.7	129.1	1 799.8	861.9	2 661.7
Studying in May 2007(a)	686.1	851.6	1 537.7	116.6	1 654.4	834.4	2 488.7
Gained placement but deferred study(b)	66.3	28.7	94.9	6.7	101.6	18.0	119.6
TAFE	18.6	10.0	28.6	*3.8	32.4	7.9	40.3
Higher education	27.3	11.6	38.9	**1.3	40.2	*4.5	44.6
Unable to gain placement on application(b)	23.7	14.3	38.0	5.8	43.8	9.6	53.4
TAFE	13.1	6.3	19.4	*4.0	23.4	*4.1	27.5
Higher education	8.8	5.3	14.1	**0.9	15.0	*1.7	16.7
Did not apply to enrol in a course of study in 2007	6 521.9	1 928.4	8 450.3	330.0	8 780.3	2 187.9	10 968.1
Total	7 298.0	2 823.0	10 121.0	459.1	10 580.1	3 049.8	13 629.9

* estimate has a relative standard error of 25% to 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 both study leading to a qualification and study not leading to a qualification.

(b) Includes other educational institutions.

	1997	1999	2001	2003	2005	2006	2007
	'000	'000	'000	'000	'000	'000	'000
Sex							
Males	(b)108.8	(b)115.5	(b)118.2	(b)117.4	(b)145.5	161.9	168.4
Females	(b)12.3	(b)16.6	17.3	22.8	24.4	22.0	21.4
Age group (years)							
15–19	(b)65.3	(b)73.5	(b)74.1	(b)68.1	87.1	86.5	89.2
20–24	(b)49.7	(b)47.5	(b)51.1	(b)55.0	(b)58.1	71.1	76.1
25–54	(b)6.0	(b)11.2	(b)10.3	17.0	24.7	26.3	24.5
Commencement of apprenticeship							
Commenced in the last 12 months	(b)33.0	(b)46.2	(b)46.4	(b)58.4	74.2	75.8	79.6
Commenced more than 12 months ago	(b)88.1	(b)85.9	(b)89.0	(b)81.8	95.8	108.0	110.2
Total	(b)121.1	(b)132.2	(b)135.4	(b)140.2	(b)169.9	183.8	189.8

(a) Refers to persons aged 15–54 years who were employed as apprentices in May 2007.

(b) Difference between this estimate and the 2007 estimate is statistically significant.

	<i>Total apprentices</i>
	'000
.....	
Industry(b)	
Manufacturing	34.4
Construction	69.5
Wholesale and retail trade	11.0
Accommodation and food services	13.4
Other services(c)	48.2
Other(d)	13.3
Field of trade(e)	
Construction	49.4
Automotive and engineering	48.4
Electrotechnology and telecommunications	34.1
Food	19.4
Hairdressers	11.6
Other technicians and trades(f)	26.1
Other(g)	12.2
Total	189.8

-
- (a) Refers to persons aged 15–54 years who were employed as apprentices in May 2007.
 - (b) Industry classification change effective since 2007. For further details, see paragraphs 15-17 of the Explanatory Notes.
 - (c) Refers to persons in Electricity, gas, water and waste; Financial and insurance; Rental, hiring and real estate; Professional, scientific and technical; Administration and support; Arts and recreation; and Other services industries.
 - (d) Refers to persons in Agriculture, forestry and fishing; mining; Transport, postal and warehousing; Information media and telecommunications; Public administration and safety; Education and training; Health care and social assistance; and Inadequately described industries.
 - (e) Occupation classification change effective since 2007. For further details, see paragraphs 18-20 of the Explanatory Notes.
 - (f) Refers to Technicians and trades nfd; Engineering; ICT and science technicians; Skilled animal and horticultural; and Other technicians and trades workers occupations.
 - (g) Refers to Managers; Professionals; Community and personal service; Clerical and administrative; Sales workers; Machinery operators and drivers; Labourers; and Inadequately described workers occupations.

	<i>Males</i>	<i>Females</i>	<i>Persons</i>
	'000	'000	'000
Population 1 Persons aged 15–64 years	6 802.8	6 827.1	13 629.9
Population 2 Persons aged 15–64 years who attended an educational institution in 2006	1 522.5	1 608.7	3 131.2
Population 3 Persons aged 15–64 years who attended school in 2006	512.1	514.3	1 026.5
Population 4 Persons aged 15–64 years who attended an educational institution other than school in 2006	1 010.4	1 094.4	2 104.8
Population 5 Leavers from full-time education (aged 15–64 years) at May 2007	250.4	242.8	493.2
Population 6 Persons aged 15–64 years enrolled in a course of study in May 2007	1 174.1	1 314.6	2 488.7
Population 7 Persons aged 15–64 years attending an educational institution other than school in May 2007	816.4	946.5	1 762.9
Population 8 Persons aged 15–64 years who have a non-school qualification	3 708.3	3 456.2	7 164.5
Population 9 Persons aged 15–24 years who attended school in 2006 but were not attending school in May 2007	155.3	147.7	303.1
Population 10 Employed persons aged 15–54 years who were apprentices in May 2007	168.4	21.4	189.8
Population 11 Persons aged 15–64 years who were not enrolled in a course of study leading to a qualification in 2006 but who were enrolled in a course of study leading to a qualification in May 2007 (Starters)	153.7	226.9	380.6
Population 12 Persons aged 15–64 years who were enrolled in a course of study leading to a qualification in 2006 but who were not enrolled in a course of study leading to a qualification in May 2007 (Leavers)	466.0	476.5	942.5
Population 13 Persons aged 15–64 years who were enrolled in a course of study leading to a qualification in 2006	1 434.0	1 499.8	2 933.9
Population 14 Persons aged 15–64 years who were enrolled in a course of study leading to a qualification in May 2007	1 121.8	1 250.2	2 372.0
Population 15 Employed persons aged 15–64 years	5 544.9	4 576.1	10 121.0
Population 16 Unemployed persons aged 15–64 years	233.2	226.0	459.1
Population 17 Persons in the labour force aged 15–64 years	5 778.0	4 802.1	10 580.1

(a) Excludes persons out of the scope of the survey. For further details, see paragraphs 6-9 of the Explanatory Notes.

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 2007 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; characteristics of people's transition between education and work; and data on apprentices.

3 The publication *Labour Force, Australia* (cat. no. 6202.0) 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 more 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. 6102.0.55.001) which is available on the ABS web site <<http://www.abs.gov.au>>.

SCOPE

6 The scope of the SEW 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 disabilities), boarding school pupils and inmates of prisons are excluded from all supplementary surveys.

8 Boarding school pupils were excluded from the scope of the SEW since 2005, but were included in earlier collections. The 2004 survey had yielded an estimated 24,100 boarding school pupils aged 15 years and over. Such persons were assumed to be 'not in the labour force' and to be enrolled for secondary school study – 'Year 12 or below'. They were also assumed to be usually resident in the same location (i.e. state and territory and part of state or territory) as their school. The only information collected directly on these persons was age, sex and marital status. All other characteristics were unknown.

9 This supplementary survey was conducted in both urban and rural areas in all states and territories, but excluded persons living in very remote parts of Australia who would otherwise have been within the scope of the survey. The exclusion of these persons had only a minor impact on any aggregate estimates that are produced for individual states

EXPLANATORY NOTES *continued*

SCOPE <i>continued</i>	and territories, except the Northern Territory where such persons account for around 23% of the population.
COVERAGE	10 The estimates in this publication relate to persons covered by the survey in May 2007. 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 <i>Labour Force, Australia</i> (cat. no. 6202.0) for more details.
SAMPLE SIZE	11 Approximately 95% of selected households were fully responding to the SEW. All persons aged 15-64 in these households were interviewed for the SEW and a total of 45,741 completed interviews were obtained from these households.
RELIABILITY OF THE ESTIMATES	12 Estimates in this publication are subject to sampling and non-sampling errors: <ul style="list-style-type: none">■ 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 further details 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	13 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 COUNTRY OF BIRTH	14 Country of birth data are classified according to the <i>Standard Australian Classification of Countries (SACC), 1998</i> (cat. no. 1269.0).
INDUSTRY	15 From 2006, the <i>Australian and New Zealand Standard Industrial Classification (ANZSIC), 2006</i> (cat. no. 1292.0) replaces the <i>Australian and New Zealand Standard Industrial Classification, 1993</i> (cat.no. 1292.0). In 2007, industry data in the SEW are classified according to <i>Australian and New Zealand Standard Industrial Classification, 2006</i> . Data classified according to the ANZSIC 1993 are available on request. 16 ANZSIC 2006 was developed for use in the compilation and analysis of industry statistics in Australia and New Zealand. The ABS and Statistics New Zealand (Statistics NZ) jointly developed this classification to improve the comparability of industry statistics between the two countries and with the rest of the world. 17 ANZSIC 2006 reflects the outcome of a substantial review of the classification, which included extensive consultation with internal and external users and alignment with the upcoming revision of the <i>International Standard Industrial Classification of All Economic Activities (ISIC Rev.4 (draft))</i> . Consequently, it provides a more contemporary and internationally comparable industrial classification system.
OCCUPATION	18 From 2006, the <i>Australia and New Zealand Standard Classifications of Occupations (ANZSCO), First Edition, 2006</i> (cat.no. 1220.0) replaces the <i>Australia Standard Classifications of Occupations (ASCO), Second Edition, 1997</i> (cat.no. 1220.0). In 2007, occupation data in the SEW are classified according to <i>Australian and New Zealand Standard Classification of Occupations, 2006</i> . Data classified according to the ASCO are available on request. 19 ANZSCO is the product of a development program undertaken jointly by the ABS, Statistics NZ and the Australian Government Department of Employment and Workplace Relations (DEWR) for use in the collection, publication and analysis of occupation statistics.

EXPLANATORY NOTES *continued*

OCCUPATION *continued*

20 ANZSCO is intended to provide an integrated framework for storing, organising and reporting occupation-related information in statistical applications. The use of ANZSCO will result in improved comparability of occupation statistics produced by the two countries.

EDUCATION

21 In 2001, the *Australian Standard Classification of Education (ASCED)* (cat. no. 1272.0) replaces the *ABS Classification of Qualifications (ABSCQ)* (cat. no. 1262.0). 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.

22 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, 2001* (cat. no. 1272.0).

23 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 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.

24 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.

25 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.

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

LEVEL OF HIGHEST EDUCATIONAL ATTAINMENT

27 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.

28 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*

Decision Table: Level of Highest Educational Attainment (ASCED level of education codes)							
Highest year of school completed	Level of highest non-school qualification						
	Certificate n.f.d. (500)	Certificate III or IV n.f.d. (510)	Certificate IV (511)	Certificate III (514)	Certificate I or II n.f.d. (520)	Certificate II (521)	Certificate I (524)
Secondary Education n.f.d. (600)	Certificate n.f.d.	Certificate III or IV n.f.d.	Certificate IV	Certificate III	Certificate I or II n.f.d.	Certificate II	Certificate I
Senior Secondary Education n.f.d. (610)	Senior Secondary n.f.d.	Certificate III or IV n.f.d.	Certificate IV	Certificate III	Senior Secondary n.f.d.	Senior Secondary n.f.d.	Senior Secondary n.f.d.
Year 12 (611)	Year 12	Certificate III or IV n.f.d.	Certificate IV	Certificate III	Year 12	Year 12	Year 12
Year 11 (613)	Year 11	Certificate III or IV n.f.d.	Certificate IV	Certificate III	Year 11	Year 11	Year 11
Junior Secondary Education n.f.d. (620)	Certificate n.f.d.	Certificate III or IV n.f.d.	Certificate IV	Certificate III	Certificate I or II n.f.d.	Certificate II	Certificate I
Year 10 (621)	Year 10	Certificate III or IV n.f.d.	Certificate IV	Certificate III	Year 10	Certificate II	Year 10
Year 9 (622)	Certificate n.f.d.	Certificate III or IV n.f.d.	Certificate IV	Certificate III	Certificate I or II n.f.d.	Certificate II	Certificate I
Year 8 (623)	Certificate n.f.d.	Certificate III or IV n.f.d.	Certificate IV	Certificate III	Certificate I or II n.f.d.	Certificate II	Certificate I
Year 7 (624)	Certificate n.f.d.	Certificate III or IV n.f.d.	Certificate IV	Certificate III	Certificate I or II n.f.d.	Certificate II	Certificate I

LEVEL OF HIGHEST EDUCATIONAL ATTAINMENT
continued

29 The decision table is also 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

30 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 2004 to take account of the results of the *2001 Census of Population and Housing*. Estimates from supplementary surveys conducted from and including February 2004 are therefore based on revised population benchmarks.

31 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 OF TIME SERIES *continued*

32 Since 2005, boarding school pupils have been excluded from the scope of the SEW, but were included in earlier collections. For further details, see paragraph 8 of the Explanatory Notes.

33 Since 2007, industry data in the SEW are classified according to the *Australian and New Zealand Standard Industrial Classification, 2006* (cat. no. 1292.0). Industry data prior to this were classified according to the *Australian and New Zealand Standard Industrial Classification, 1993* (cat. no. 1292.0). Therefore, industry data from previous SEWs are not directly comparable to 2007 industry data. For further details, see paragraphs 15-17 of the Explanatory Notes.

34 Since 2007, occupation data in the SEW are classified according to the *Australia and New Zealand Standard Classifications of Occupations (ANZSCO), First Edition, 2006* (cat.no. 1220.0). Occupation data prior to this were classified according to the *Australia Standard Classifications of Occupations (ASCO), Second Edition, 1997* (cat.no. 1220.0). Therefore, occupation data from previous SEWs are not directly comparable to 2007 occupation data. For further details, see paragraphs 18-20 of the Explanatory Notes.

COMPARISON WITH OTHER ABS SOURCES

35 Since the SEW is conducted as a supplement to the LFS, data items collected in the LFS are also available. However, there are some important differences between the two surveys. The SEW sample is a subset of the LFS sample (see Paragraph 1 of these Explanatory Notes) and the SEW had a response rate of 95% which is lower than the LFS response rate for the same period of 97%. Due to these differences between the samples, the SEW data are weighted as a separate process to the weighting of LFS data. Differences may therefore be found in the estimates collected in the LFS and published as part of the SEW, when compared with estimates published in the May 2007 issue of *Labour Force, Australia* (cat. no. 6202.0).

36 Additionally, estimates from the SEW may differ from the estimates produced from other ABS collections, for several reasons. The SEW is a sample survey and its results are subject to sampling error. Results may differ from other sample surveys, which are also subject to sampling error. Users should take account of the RSEs on estimates and those of other survey estimates where comparisons are made.

37 Differences may also exist in the scope and/or coverage of the SEW compared to other surveys. Differences in estimates, when compared to the estimates of other surveys, may result from different reference periods reflecting seasonal variations, non-seasonal events that may have impacted on one period but not another, or because of underlying trends in the phenomena being measured.

38 Finally, differences can occur as a result of using different collection methodologies. This is often evident in comparisons of similar data items reported from different ABS collections where, after taking account of definition and scope differences and sampling error, residual differences remain. These differences are often the result of the mode of the collections, such as whether data is collected by an interviewer or self-enumerated by the respondent, whether the data is collected from the person themselves or from a proxy respondent, and the level of experience of the interviewers. Differences may also result from the context in which questions are asked, i.e. where in the interview the questions are asked and the nature of preceding questions. The impacts on data of different collection methodologies are difficult to quantify. As a result, every effort is made to minimise such differences.

39 The following table, *Comparison of Data from SEW to Other ABS Sources*, presents comparisons between a number of key SEW data items and similar data items from other ABS sources. These sources include data collected in the LFS, which was reported in the May 2007 issue of *Labour Force, Australia* (cat. no. 6202.0) and data collected from the Adult Literacy and Life Skills Survey (ALLS), which was reported in the *Adult Literacy*

EXPLANATORY NOTES *continued*

COMPARISON WITH OTHER
ABS SOURCES *continued*

and *Life Skills Survey, Summary Results, Australia, 2007* (cat. no. 4228.0). The comparison shows SEW data are broadly consistent with other ABS sources.

COMPARISON OF DATA FROM SEW TO OTHER ABS SOURCES

	Other ABS sources	SEW May 2007
	%	%
LABOUR FORCE SURVEY - MAY 2007^{(a)(b)}		
Labour force status		
Employed	72.9	74.3
Employed full-time	52.6	53.5
Employed part-time	20.3	20.7
Unemployed	3.3	3.4
Not in the labour force	23.8	22.4
Country of birth		
Born in Australia	72.4	72.7
Born overseas	27.6	27.3
ADULT LITERACY AND LIFE SKILLS SURVEY - JULY 2006, SEPTEMBER 2006 - JANUARY 2007^(a)		
Highest year of school completed		
Year 12	49.7	52.2
Year 11	11.6	11.1
Year 10	24.5	25.5
Year 9	7.8	7.0
Year 8 or below	6.3	4.1
No educational attainment/attendance	0.1	0.2
Level of highest non-school qualification		
Postgraduate Degree/Graduate Diploma/Graduate Certificate	6.4	5.9
Advanced Diploma/Diploma	8.8	8.4
Bachelor Degree	14.6	14.9
Certificate III/IV	16.4	15.9
Certificate I/II	7.4	5.2
Certificate n.f.d.	1.6	1.5
Level not determined	1.1	0.7
No educational attainment/attendance	43.8	47.4

(a) Data was restricted to persons aged 15-64 years to align with the scope of the SEW.

(b) Data includes persons living in sparsely settled areas and persons not living in private dwellings who are out of the scope of the SEW.

CONFIDENTIALISED UNIT
RECORD FILE

40 Confidentialised Unit Record Files (CURF) release confidentialised microdata from surveys, thereby facilitating interrogation and analysis of data. For the *Education and Work* survey, a basic CURF will be available in 2008. For further details, refer to the 2005 *Education and Work* 2005 survey CURF, *Information Paper: Survey of Education and Work, Australia -- Confidentialised Unit Record File, May 2005* (cat. no. 6227.0.30.002).

PREVIOUS SURVEYS

41 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 in May since 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* (cat. no. 6227.0)

EXPLANATORY NOTES *continued*

NEXT SURVEY

42 The ABS intends to conduct this survey again in May 2008.

ACKNOWLEDGMENT

43 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*.

RELATED PUBLICATIONS

44 Other publications which may be of interest include:

- *A Directory of Education and Training Statistics* (cat. no. 1136.0)
- *Education and Training Experience, Australia* (cat. no. 6278.0) – issued four-yearly, latest issue 2005 released in May 2006
- *Education and Training Indicators, Australia* (cat. no. 4230.0) – issued irregularly, first issue 2002 released in December 2002
- *Labour Force, Australia* (cat. no. 6202.0) – issued monthly
- *Schools, Australia* (cat. no. 4221.0) – issued annually, latest issue 2006 released in February 2007
- *Information Paper: Measuring Learning in Australia, Dictionary of Standards for Education and Training Statistics* (cat. no. 4232.0.55.001) – issued irregularly, latest issue 2004 released in October 2004
- *Information Paper: Measuring Learning in Australia, Framework for Education and Training Statistics* (cat. no. 4213.0) – released on a single issue basis in January 2003
- *Information Paper: Measuring Learning in Australia, Plan to Improve the Quality, Coverage and Use of Education and Training Statistics* (cat. no. 4231.0) – issued irregularly, first issue 2004 released in September 2004

45 Current publications and other products released by the ABS are available from the ABS web site <<http://www.abs.gov.au>>. The ABS also issues a daily Release Advice on the web site that details products to be released in the week ahead. The National Centre for Education and Training theme page also contains a wealth of information and useful references. This site can be accessed through the ABS web site <<http://www.abs.gov.au>>.

ABBREVIATIONS

ABS	Australian Bureau of Statistics
ABSCQ	Australian Bureau of Statistics Classification of Qualifications
ALLS	Adult Literacy and Life Skills Survey
ANZSCO	Australian and New Zealand Standard Classification of Occupations
ANZSIC	Australian and New Zealand Standard Industrial Classification
ASCED	Australian Standard Classification of Education
ASCO	Australian Standard Classification of Occupations
CURF	confidentialised unit record file
DEWR	Australian Government Department of Employment and Workplace Relations
ISIC Rev.4 (draft)	International Standard Industrial Classification of All Economic Activities, Revision 4 (United Nations)
LFS	Labour Force Survey
n.f.d.	not further defined
RSE	relative standard error
SE	standard error
SEW	Survey of Education and Work
TAFE	Technical and Further Education

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. These include Industry, Occupation, Level of education and Field of education.

The population(s)¹ 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)).

<i>Population 1:</i>	Persons aged 15–64 years
<i>Population 2:</i>	Persons aged 15–64 years who attended an educational institution in 2006
<i>Population 3:</i>	Persons aged 15–64 years who attended school in 2006
<i>Population 4:</i>	Persons aged 15–64 years who attended an educational institution other than school in 2006
<i>Population 5:</i>	Leavers from full-time education (aged 15–64 years) at May 2007
<i>Population 6:</i>	Persons aged 15–64 years enrolled in a course of study in May 2007
<i>Population 7:</i>	Persons aged 15–64 years attending an educational institution other than school in May 2007
<i>Population 8:</i>	Persons aged 15–64 years who have a non-school qualification
<i>Population 9:</i>	Persons aged 15–24 years who attended school in 2006 but were not attending school in May 2007
<i>Population 10:</i>	Employed persons aged 15–54 years who were apprentices in May 2007
<i>Population 11:</i>	Persons aged 15–64 years who were not enrolled in a course of study leading to a qualification in 2006 but who were enrolled in a course of study leading to a qualification in May 2007 (Starters)
<i>Population 12:</i>	Persons aged 15–64 years who were enrolled in a course of study leading to a qualification in 2006 but who were not enrolled in a course of study leading to a qualification in May 2007 (Leavers)
<i>Population 13:</i>	Persons aged 15–64 years who were enrolled in a course of study leading to a qualification in 2006
<i>Population 14:</i>	Persons aged 15–64 years who were enrolled in a course of study leading to a qualification in May 2007
<i>Population 15:</i>	Employed persons aged 15–64 years
<i>Population 16:</i>	Unemployed persons aged 15–64 years
<i>Population 17:</i>	Persons in the labour force aged 15–64 years

¹ Excludes persons out of scope of the survey. For further details, see paragraphs 6-9 of the Explanatory Notes

APPENDIX 1 POPULATIONS AND DATA ITEMS LIST *continued*

A1 DATA ITEMS LIST AND POPULATIONS

<i>Data items</i>	<i>Populations</i>	<i>Data items</i>	<i>Populations</i>
1 State or territory of usual residence	All	9 Country of birth (2) cont.	All
New South Wales		Born overseas <i>cont.</i>	
Victoria		North-West Europe	
Queensland		Southern and Eastern Europe	
South Australia		North Africa and the Middle East	
Western Australia		South-East Asia	
Tasmania		North-East Asia	
Northern Territory		Southern and Central Asia	
Australian Capital Territory		Americas	
Australia		Sub-Saharan Africa	
		Other	
2 Area of usual residence	All	10 Period of arrival in Australia	All
State capital city		Born in Australia	
Balance of state/Territory		Born overseas	
3 Region of usual residence	All	Arrived before 1986	
Standard labour force dissemination regions		Arrived 1986–1990	
		Arrived 1991–1995	
4 Sex	All	Arrived 1996–2000	
Males		Arrived 2001–2005	
Females		Arrived 2006–2010	
5 Indigenous status	All	11 Age group (years)	All
Not Aboriginal nor Torres Strait Islander		15–19	
Islander		20–24	
Aboriginal		25–34	
Torres Strait Islander		35–39	
Both Aboriginal and Torres Strait Islander		40–44	
		45–54	
		55–64	
		Note: alternative age groupings available on request	
6 Marital status	All	12 Labour force status	1-9, 11-14
Married		In the labour force	
Not married		Employed	
7 Relationship in household	All	Employed full-time	
Family member		Employed part-time	
Husband, wife or partner		Unemployed	
With dependants		Looking for full-time work	
Without dependants		Looking for part-time work	
Lone parent		Not in the labour force	
With dependants		13 Status in employment in current job	15
Without dependants		Employee	
Dependant student		Other	
Non-dependant child		14 Occupation	15
Other family person		Managers	
Non-family member		Professionals	
Lone person		Technicians and Trades Workers	
Not living alone		Community and Personal Service Workers	
Relationship not determined		Clerical and Administrative Workers	
8 Country of birth (1)	All	Sales Workers	
Born in Australia		Machinery Operators and Drivers	
Born overseas		Labourers	
9 Country of birth (2)	All	15 Occupation of last job	15
Born in Australia		Same as 14 above	
Born overseas			
Oceania and Antarctica			

APPENDIX 1 POPULATIONS AND DATA ITEMS LIST *continued*

A1 DATA ITEMS LIST AND POPULATIONS *continued*

<i>Data items</i>	<i>Populations</i>	<i>Data items</i>	<i>Populations</i>
16 Industry	15	21 Whether attended an educational institution and level of education of study in 2006 (ASCED)	1
Agriculture, Forestry and Fishing		Attended in 2006	
Mining		Study leading to a qualification	
Manufacturing		Postgraduate Degree	
Electricity, Gas, Water and Waste Services		Graduate Diploma/Graduate Certificate	
Construction		Bachelor Degree	
Wholesale trade		Advanced Diploma/Diploma	
Retail trade		Certificate III/IV	
Accommodation and Food Services		Certificate I/II	
Transport, Postal and Warehousing		Certificate n.f.d.	
Information Media and Telecommunications		Year 12	
Financial and Insurance Services		Year 11	
Rental, Hiring and Real Estate Services		Year 10 or below	
Professional, Scientific and Technical Services		Level not determined	
Administrative and Support Services		Study not leading to a qualification	
Public Administration and Safety		Did not attend in 2006	
Education and Training		22 Main field of education of study in 2006 (ASCED)	2, 4-5, 12-13
Health Care and Social Assistance		Study leading to a qualification	
Arts and Recreation Services		Natural and physical sciences	
Other Services		Information technology	
17 Industry of last job	16	Engineering and related technologies	
Same as 16 above		Architecture and building	
18 Duration of unemployment	16	Agriculture, environmental and related studies	
Under 2 weeks		Health	
2 and under 4 weeks		Education	
4 and under 8 weeks		Management and commerce	
8 and under 13 weeks		Society and culture	
13 and under 26 weeks		Creative arts	
26 and under 39 weeks		Food, hospitality and personal services	
39 and under 52 weeks		Mixed field programmes	
52 and under 65 weeks		Field not determined	
65 and under 78 weeks		Study not leading to a qualification	
78 and under 91 weeks		23 Status of course of study undertaken in 2006	2, 4, 13
91 and under 104 weeks		Completed qualification studied for in 2006	
104 weeks and over		Identified as highest qualification obtained	
19 Whether attended an educational institution and type of attendance in 2006	1	Identified as not highest qualification obtained	
Attended in 2006		Had not completed qualification studied for by May 2007	
Full-time		Attending an educational institution other than school in May 2007	
Part-time		Not attending in May 2007	
Did not attend in 2006			
20 Whether attended an educational institution and type of institution attended in 2006	1		
Attended in 2006			
School			
Higher education			
TAFE			
Business college			
Industry skills centre			
Other institution			
Did not attend in 2006			

APPENDIX 1 POPULATIONS AND DATA ITEMS LIST *continued*

A1 DATA ITEMS LIST AND POPULATIONS *continued*

<i>Data items</i>	<i>Populations</i>	<i>Data items</i>	<i>Populations</i>
24 Whether attending an educational institution and type of attendance in May 2007 (all study)	1	27 Main field of education of study in May 2007 (ASCED) <i>cont.</i>	6- 7, 11, 14
Attending in 2007		Study leading to a qualification <i>cont.</i>	
Full-time		Food, hospitality and personal services	
Part-time		Mixed field programmes	
Did not attend		Field not determined	
		Study not leading to a qualification	
25 Whether attending an educational institution and type of institution attending in May 2007 (all study)	1	28 Type of school attending in May 2007	Age 15-24 years
Attending in 2007		Attending school	
School		Government	
Higher education		Non-government	
TAFE		Catholic	
Business college		Other	
Industry skills centre		Not attending school	
Other institution		Not attending school	
Did not attend		Not asked	
26 Whether attending an educational institution and level of education of study in May 2007 (ASCED) (study for a qualification)	1	29 Commencement of apprenticeship	10
Attending in May 2007		Commenced in last 12 months	
Study leading to a qualification		Commenced more than 12 months ago	
Postgraduate Degree			
Graduate Diploma/Graduate Certificate		30 Industry sector	10
Bachelor Degree		Public	
Advanced Diploma/Diploma		Private	
Certificate III/IV		31 Field of trade	10
Certificate I/II		Construction	
Certificate n.f.d.		Electrotechnology and Telecommunications	
Year 12		Automotive and Engineering	
Year 11		Food	
Year 10 or below		Hairdressers	
Level not determined		Other technicians and trades	
Study not leading to a qualification		Other	
Not attending in May 2007		32 Whether applied to enrol in an educational institution in 2007 and type of institution (unmet demand)	1
27 Main field of education of study in May 2007 (ASCED)	6- 7, 11, 14	Enrolled or applied to enrol in a course of study in 2007	
Study leading to a qualification		Studying in May 2007	
Natural and physical sciences		Gained placement but deferred study	
Information technology		Higher education	
Engineering and related technologies		TAFE	
Architecture and building		Other educational institution	
Agriculture, environmental and related studies		Unable to gain placement on application	
Health		Higher education	
Education		TAFE	
Management and commerce		Other educational institution	
Society and culture		Did not apply to enrol in a course of study in 2007	
Creative arts			

APPENDIX 1 POPULATIONS AND DATA ITEMS LIST *continued*

A1 DATA ITEMS LIST AND POPULATIONS *continued*

<i>Data items</i>	<i>Populations</i>	<i>Data items</i>	<i>Populations</i>
33 Age at time of leaving full-time education	Age 15-24 years	36 Main reason left full-time non-school education <i>cont.</i>	5
Attending full-time in May 2007		Family responsibilities, illness, injury, personal reasons	
Not attending school		Deferred course, lost interest, failed course	
Left at age (in years)		Course unavailable	
14 and under		Other reasons	
15-19			
15			
16			
17			
18			
19			
20-24			
20			
21			
22			
23			
24			
Never attended an educational institution full-time			
34 Year last attended an educational institution full-time	Age 15-24 years	37 Type of school last attended	Age 15-24 years
Attending full-time in May 2007		Attending school	
Not attending full-time in May 2007		Government	
Year last attended full-time		Non-government	
Left before 1997		Catholic	
Left in 1997		Other	
Left in 1998		Not attending school	
Left in 1999		Never Attended School	
Left in 2000		Not asked (persons aged 15-24 and still at school, and boarding school pupils)	
Left in 2001			
Left in 2002			
Left in 2003			
Left in 2004			
Left in 2005			
Left in 2006			
Left in 2007			
Never attended an educational institution full-time			
35 Time of leaving full-time education	5	38 Level of highest educational attainment (ASCED)	All
January-May 2006		Postgraduate Degree	
June 2006		Graduate Diploma/Graduate Certificate	
July 2006		Bachelor Degree	
August-October 2006		Advanced Diploma/Diploma	
November 2006		Certificate III/IV	
December 2006		Certificate I/II	
January-May 2007		Certificate n.f.d.	
		Year 12	
		Year 11	
		Year 10 or below	
		Level not determined	
		39 Level of highest non-school qualification (ASCED)	1
		With non-school qualification	
		Postgraduate Degree	
		Graduate Diploma/Graduate Certificate	
		Bachelor Degree	
		Advanced Diploma/Diploma	
		Certificate III/IV	
		Certificate I/II	
		Certificate n.f.d.	
		Level not determined	
		Without non-school qualification	
36 Main reason left full-time non-school education	5	40 Highest year of school completed	All
Completed course of study		Year 12	
Changed to part-time study		Year 11	
Employment or financial reasons		Year 10	
		Year 9	
		Year 8 or below	
		Never attended school	

APPENDIX 1 POPULATIONS AND DATA ITEMS LIST *continued*

A1 DATA ITEMS LIST AND POPULATIONS *continued*

<i>Data items</i>	<i>Populations</i>	<i>Data items</i>	<i>Populations</i>
41 Main field of highest educational attainment (ASCED)	All	42 Year completed highest non-school qualification <i>cont.</i>	8
Natural and physical sciences		2006	
Information technology		2007	
Engineering and related technologies		43 Number of non-school qualifications obtained	8
Architecture and building		One	
Agriculture, environmental and related studies		Two	
Health		Three or more	
Education		44 Main field of highest non-school qualification (ASCED)	8
Management and commerce		Natural and physical sciences	
Society and culture		Information technology	
Creative arts		Engineering and related technologies	
Food, hospitality and personal services		Architecture and building	
Mixed field programmes		Agriculture, environmental and related studies	
Field not determined		Health	
42 Year completed highest non-school qualification	8	Education	
Before 1981		Management and commerce	
1981–1990		Society and culture	
1991–2000		Creative arts	
2001		Food, hospitality and personal services	
2002		Mixed field programmes	
2003		Field not determined	
2004			
2005			

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 surveys to the monthly labour force survey. Data are available from the ABS web site <<http://www.abs.gov.au>>. Additional data from these surveys is available on request and can be obtained by contacting the ABS.

A2

MONTHLY POPULATION SURVEY PROGRAM, Supplementary surveys to the LFS

	<i>cat. no.</i>	<i>Frequency</i>	<i>Latest issue</i>
Barriers and Incentives to Labour Force Participation, Australia	6239.0	Biennial	2004-2005
Career Experience, Australia	6254.0	Irregular	November 2002
Career Paths of Persons with Trade Qualifications, Australia	6243.0	Discontinued	Final issue 1993
Child Care, Australia	4402.0	Irregular	June 2005
Education and Work, Australia	6227.0	Annual	May 2006
Employee Earnings, Benefits, and Trade Union Membership, Australia	6310.0	Annual	August 2006
Forms of Employment, Australia	6359.0	Irregular	November 2006
Job Search Experience, Australia	6222.0	Annual	July 2006
Labour Force Experience, Australia	6206.0	Biennial	February 2007
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 2004
Labour Mobility, Australia	6209.0	Biennial	February 2006
Locations of Work, Australia	6275.0	Irregular	November 2005
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 2006
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	2004-2005
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
Underemployed Workers, Australia	6265.0	Annual	September 2006
Working Arrangements, Australia	6342.0	Irregular	November 2006
Work-Related Injuries, Australia	6324.0	Irregular	2005-06

(a) Latest data is for June 2005, available only from data cubes on the ABS web site (cat. no. 6224.0.55.001), or on request.

(b) Latest data is July 2001, available on request only.

TECHNICAL NOTE DATA QUALITY

RELIABILITY OF THE ESTIMATES

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 may 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.

2 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.

$$RSE\% = \left(\frac{SE}{estimate} \right) \times 100$$

3 RSEs for estimates from 2007 SEW are published for the first time in 'direct' form. Previously a statistical model was produced that related the size of estimates to their corresponding RSEs, and this information was displayed via an 'SE table'. From this point onwards, RSEs for SEW estimates were calculated for each separate estimate and are published. The Jackknife method of variance estimation is used for this process, which involves the calculation of 30 'replicate' estimates based on 30 different subsamples of the original sample. The variability of estimates obtained from these subsamples is used to estimate the sample variability surrounding the main estimate.

4 Tables 2, 7 and 22 contain estimates collected from previous Education and Work surveys. The spreadsheets associated with this release contain RSEs for these estimates. The RSEs for the years 1997, 1999, 2001 and 2003 were calculated using the previous statistical RSE models, which are available from each relevant issue of *Education and Work, Australia* (cat. no. 6227.0) available on the ABS web site <www.abs.gov.au>. For the 2005 and 2006 data, the RSEs were directly calculated. This method differs from that presented in their related publication, which describes the statistical model to calculate RSEs. While the direct method is more accurate, the difference between the two is negligible.

5 Limited publication space does not allow for the separate indication of the SEs and/or RSEs of all the estimates in this publication, only RSEs for Table 1 are included at the end of these Technical Notes (see Table 1 Relative Standard Errors in the section 'Relative Standard Error'). However, RSEs for all tables are available free-of-charge on the ABS web site <www.abs.gov.au>, released in spreadsheet format as an attachment to this publication, *Education and Work, Australia, 2007* (cat. no. 6227.0).

6 In the tables in this publication, only estimates (numbers, percentages, means and medians) with RSEs less than 25% are considered sufficiently reliable for most purposes. However, estimates with larger RSEs were included and 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 greater than 50% are preceded by a double asterisk (e.g. **2.1) to indicate that they are considered too unreliable for general use.

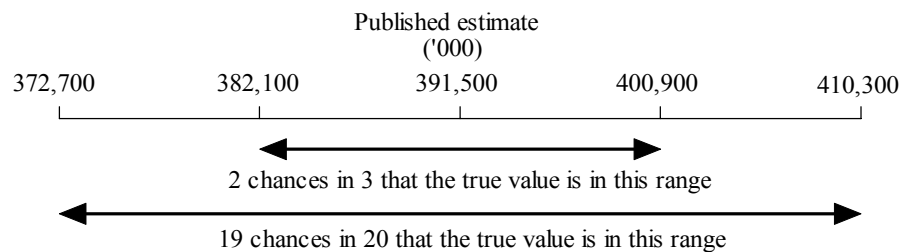
CALCULATION OF STANDARD ERROR

7 Standard errors can be calculated using the estimates (counts or means) and the corresponding RSEs. For example, Table 1 shows the estimated number of males in New South Wales enrolled in a course of study was 391,500. The RSE Table corresponding to the estimates in Table 1 (see Table 1 Relative Standard Errors in the 'Relative Standard Error' section at the end of these Technical Notes) shows the RSE for this estimate is 2.4%. The SE is calculated by:

CALCULATION OF STANDARD ERROR *continued*

$$\begin{aligned}
 & SE \text{ of estimate} \\
 & = \left(\frac{RSE}{100}\right) \times \text{estimate} \\
 & = 0.024 \times 391,500 \\
 & = 9,400 \text{ (rounded to the nearest hundred)}
 \end{aligned}$$

8 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 382,100 to 400,900 and about 19 chances in 20 that the value will fall within the range 372,700 to 410,300. This example is illustrated in the diagram below:



PROPORTION AND PERCENTAGES

9 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.

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

10 As an example, using estimates from Table 1, of the 825,100 persons enrolled in a course of study in New South Wales, 391,500 are males, or 47.4%. The RSE for 391,500 is 2.4% and the RSE for 825,100 is 1.6% (see Table 1 Relative Standard Errors in the section 'Relative Standard Error' at the end of these Technical Notes). Applying the above formula, the RSE for the proportion of males in New South Wales enrolled in a course of study:

$$RSE = \sqrt{(2.4)^2 - (1.6)^2} = 1.8\%$$

11 Therefore, the SE for the proportion of males in New South Wales enrolled in a course of study is 0.9 percentage points (= (1.8/100) x 47.4). Hence, there are about two chances in three that the proportion of males in New South Wales enrolled in a course of study is between 46.5% and 48.3%, and 19 chances in 20 that the proportion is between 45.6% and 49.2%.

DIFFERENCES

12 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:

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

13 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.

SIGNIFICANCE TESTING

14 The statistical significance test for any of the comparisons between estimates was performed to determine whether it is likely that there is a difference between the corresponding population characteristics. The standard error of the difference between two corresponding estimates (x and y) can be calculated using the formula in paragraph 12. This standard error is then used to calculate the following test statistic:

$$\left(\frac{x-y}{SE(x-y)} \right)$$

15 If the value of this test statistic is greater than 1.96 then there is good evidence of a real difference in the two populations with respect to that characteristic. Otherwise, it cannot be stated with confidence that there is a real difference between the populations.

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

RELATIVE STANDARD ERROR

17 Relative Standard Errors for Table 1 are included below. However, RSEs for all tables are available free-of-charge on the ABS web site <www.abs.gov.au>, released in spreadsheet format as an attachment to this publication, *Education and Work, Australia, 2007* (cat. no. 6227.0).

TECHNICAL NOTE DATA QUALITY *continued*

RELATIVE STANDARD ERROR
continued

TABLE 1 RELATIVE STANDARD ERRORS, Persons enrolled in a course of study—Selected characteristics

	NSW	Vic.	Qld	SA	WA	Tas.	NT(a)	ACT	Aust.
RSE OF ESTIMATE (%)									
Sex									
Males	2.4	2.5	4.3	4.7	4.1	5.3	23.0	11.0	1.4
Females	2.7	2.3	2.0	3.3	4.0	5.4	16.7	5.7	1.3
Age group (years)									
15–19	2.3	1.9	2.5	3.0	2.3	3.2	21.9	5.8	1.2
20–24	4.2	5.0	6.7	6.6	8.4	11.1	30.9	8.0	2.1
25–34	5.0	5.6	5.6	9.4	9.4	10.0	23.1	18.9	2.5
35–44	8.1	8.6	8.2	8.3	9.2	13.4	31.7	11.5	4.4
45–54	8.1	11.5	10.6	16.4	12.9	17.6	34.7	13.6	4.2
55–64	15.2	11.5	16.2	17.9	21.1	13.9	55.2	26.6	6.6
Country of birth									
Born in Australia	2.6	2.5	2.5	3.6	2.9	4.0	16.9	4.8	1.6
Born overseas	6.6	7.5	9.0	10.2	8.8	16.2	25.4	28.5	3.8
Area of usual residence									
State capital city	1.9	2.5	3.0	3.2	3.0	5.7	1.2
Balance of state/Territory	3.5	4.7	3.0	7.1	7.0	4.6	15.0	7.3	2.2
Labour force status									
In the labour force	2.6	2.8	2.7	3.9	3.3	5.3	15.0	4.9	1.4
Employed	2.7	2.8	2.6	3.9	3.2	5.7	14.7	5.1	1.4
Employed full-time	3.1	5.0	4.4	6.9	6.2	8.9	18.4	10.0	2.2
Employed part-time	5.4	3.3	4.1	5.6	4.4	8.7	18.9	6.3	2.0
Unemployed	7.8	13.0	15.8	19.5	17.7	27.0	81.9	26.0	6.3
Not in the labour force	4.7	4.3	4.6	5.8	7.5	7.4	26.7	23.6	2.2
Level of education of current study in May 2007									
Study leading to a qualification	1.7	2.1	2.4	2.9	3.1	4.0	16.6	7.8	1.0
Postgraduate Degree	10.5	9.3	11.9	18.2	19.2	24.2	47.0	25.3	5.2
Graduate Diploma/Graduate Certificate	15.8	16.6	14.3	18.1	15.2	44.1	63.2	21.7	8.0
Bachelor Degree	7.2	4.7	5.6	6.6	7.3	11.9	30.1	17.0	3.4
Advanced Diploma/Diploma	8.6	7.9	7.6	10.5	12.4	18.5	36.7	13.8	3.6
Certificate III/IV	6.1	6.6	6.5	9.8	7.3	11.7	30.3	15.7	3.0
Certificate I/II	20.2	16.1	15.8	21.3	18.0	29.1	102.4	36.8	8.4
Certificate n.f.d.	11.4	15.6	10.4	18.2	17.1	28.8	47.7	24.9	7.4
Year 12	4.9	6.0	7.2	7.0	7.9	12.1	35.3	11.3	2.8
Year 11	6.1	4.8	4.6	8.1	7.0	9.4	34.1	13.2	2.9
Year 10 or below	5.2	3.8	8.7	7.2	13.0	7.3	31.0	13.6	2.9
Level not determined	15.8	17.8	49.2	37.9	25.9	60.6	101.7	51.7	9.7
Study not leading to a qualification	9.3	16.0	16.4	13.9	17.0	18.6	29.9	30.5	7.3
Type of educational institution attending									
School	2.0	2.2	3.5	3.4	3.8	3.7	21.1	5.7	1.1
TAFE	4.6	6.4	5.6	7.9	5.6	9.5	44.5	12.5	2.9
Higher education	5.2	4.7	5.0	5.3	8.0	9.5	20.2	16.7	2.7
Other institution	7.4	6.6	6.2	12.6	9.5	10.8	27.2	15.1	4.4
Type of attendance									
Full-time	2.4	2.2	3.3	4.0	4.6	4.7	18.2	11.8	1.2
Part-time	3.0	4.0	3.9	5.5	5.7	6.2	15.7	9.2	2.0
Total	1.6	1.9	2.2	2.9	2.8	3.6	15.0	7.3	1.0

.. not applicable

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

GLOSSARY

Apprentice	An apprentice is a person aged 15–54 years who has entered into a legal contract (called a training agreement 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 <i>Australian Apprenticeship Scheme</i> .
Australian Standard Classification of Education (ASCED)	The ASCED is a 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 replaced 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).
Certificate not further defined	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 <i>Australian Standard Classification of Education (ASCED), 2001</i> (cat. no. 1272.0), Level of Education classification.
Country of birth	Country of birth has been classified according to the <i>Standard Australian Classification of Countries (SACC), 1998</i> (cat. no. 1269.0).
Educational institution	Any institution whose primary role is education. Included are schools, higher education establishments, colleges of technical and further education, public and private colleges, etc. Excluded are institutions whose primary role is not education, for example, hospitals.
Employed	Persons who, during the reference week: <ul style="list-style-type: none">■ 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■ worked for one hour or more without pay in a family business or on a farm (i.e. contributing family workers); or■ were employees who had a job but were not at work and were:<ul style="list-style-type: none">■ away from work for less than four weeks up to the end of the reference week; or■ 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■ away from work as a standard work or shift arrangement; or■ on strike or locked out; or■ on workers' compensation and expected to return to their job; or■ were employers or own account workers who had a job, business or farm, but were not at work.
Employed full-time	Employed persons who usually worked 35 hours or more a week (in all jobs) and those who, although usually working less than 35 hours a week, worked 35 hours or more during the reference week.
Employed part-time	Employed persons who usually worked less than 35 hours a week (in all jobs) and either did so during the reference week, or were not at work in the reference week.
Enrolled	Refers to persons registered for a course of study in the particular reference period (e.g. survey month, or previous calendar year) at an educational institution (as defined).
Field of education	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), 2001</i> (cat. no. 1272.0) Field of Education classification.
Field of trade	Refers to the occupation of an apprentice and is classified according to the <i>Australian and New Zealand Standard Classification of Occupations (ANZSCO), First Edition, 2006</i> (cat. no. 1220.0) Unit Group.

GLOSSARY *continued*

Higher education institution	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.
Industry	From 2006, industry is classified according to the <i>Australian and New Zealand Standard Industrial Classification (ANZSIC), 2006</i> (cat. no. 1292.0).
Industry sector	Classification of a respondent's employer as a public or private enterprise. 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.
Leavers	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.
Level of education	Level of education is a function of the quality and quantity of learning involved in an educational activity. It is categorised according to the <i>Australian Standard Classification of Education (ASCED), 2001</i> (cat. no. 1272.0) Level of Education classification.
Level of highest educational attainment	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 27-29 of the Explanatory Notes for how highest level is derived.
Level not determined	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 cannot 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.
Non-school qualification	Non-school qualifications are awarded for educational attainments other than those of pre-primary, primary or secondary education. They include qualifications at the Postgraduate 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.
Not in the labour force	Persons who were not in the categories 'employed' or 'unemployed' (as defined).
Occupation	From 2006, occupation is classified according to the <i>Australian Standard Classification of Occupations, First Edition (ANZSCO), 2006</i> (cat. no. 1220.0).
Other educational institution	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.
Qualification	Formal certification, issued by a relevant approved body, in recognition that a person has achieved an appropriate level of learning outcomes or competencies relevant to identified individual, professional, industry or community needs. Statements of attainment awarded for partial completion of a course of study at a particular level are excluded.
Reference week	The week preceding the week in which the interview was conducted.

GLOSSARY *continued*

School	For the purposes of this collection is an educational institution whose major activity is the provision of formal classes of primary or secondary education, or the provision of primary or secondary distance education.
Starters	Persons who were enrolled in a course of study leading to a qualification at the time of the survey, but were not enrolled in a course of study leading to a qualification at any time in the previous calendar year.
Study leading to a qualification	The reported level of education of any study being undertaken that will lead to formal certification, issued by a relevant approved body, in recognition that a person has achieved learning outcomes or competencies relevant to identified individual, professional, industry or community needs. In this survey, if the respondent was still attending school their level of study was recorded as their current year of schooling. If the respondent had left school and was enrolled in study leading to a qualification they were asked the level of the qualification.
TAFE	A Technical and Further Education institution. In Victoria this may also be interpreted as Training and Further Education.
Unemployed	Persons aged 15 years and over who were not employed during the reference week, and: <ul style="list-style-type: none">■ had actively looked for full-time or part-time work at any time in the four weeks up to the end of the reference week and were available for work in the reference week; or■ 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.
Unmet educational demand	Persons who applied to enrol for a course of study in an educational institution and who were unable to gain placement. Excludes persons who were studying at the time of the survey.

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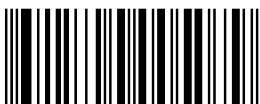
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