MAY 2006 **6227.0** 



## **EDUCATION AND WORK**

AUSTRALIA

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### INQUIRIES

For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070 or Terri Jamieson on Canberra (02) 6252 5267.

### 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 2006 as a supplement to the Australian Bureau of Statistics (ABS) monthly Labour Force Survey.

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.

## CLASSIFICATION OF EDUCATION

The Australian Standard Classification of Education (ASCED) (cat. no. 1272.0) was introduced into ABS collections in 2001. It replaced a number of education classifications used prior to 2001 for data from the various sectors of the Australian education system, including the Australian Bureau of Statistics Classification of Qualifications (ABSCQ) (cat. no. 1262.0). ASCED comprises two classifications: Level of Education and Field of Education. For further details, see paragraphs 18–23 of the Explanatory Notes.

#### ROUNDING

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

#### ABBREVIATIONS

ABS Australian Bureau of Statistics

ABSCQ Australian Bureau of Statistics Classification of Qualifications

ANZSIC Australian and New Zealand Standard Industrial Classification

ASCED Australian Standard Classification of Education
ASCO Australian Standard Classification of Occupations

CAI computer assisted interviewing

LFS Labour Force Survey

n.f.d. not further defined

RSE relative standard error

SACC Standard Australian Classification of Countries

SE standard error

SEW Survey of Education and Work

TAFE Technical and Further Education

Dennis Trewin

Australian Statistician

#### SUMMARY OF FINDINGS

#### PARTICIPATION

In May 2006, there were 13,394,700 persons aged 15–64 years in the scope of the survey, of whom 2,392,400 (18%) were enrolled in a course of study. Approximately 877,900 (37%) of these enrolled persons were attending a Higher education institution, 714,700 (30%) were at school, 502,500 (21%) were at Technical and Further Education (TAFE) institutions, and 297,300 (12%) were at other educational institutions.

Of persons enrolled in a course of study in May 2006, 53% were females, 44% were aged 15–19 years, and 64% were studying full time.

Study leading to a qualification

Approximately 95% (2,279,100) 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 enrolled in a course leading to a qualification in May 2006 was 17%, the same proportion as recorded in May 1996.

Of persons who were enrolled in a course leading to a qualification, more than one in four (28%) were studying for a Bachelor Degree, of whom 45% were aged between 20 and 24 years, and 27% were aged between 15 and 19 years.

Other than Mixed field programmes, which includes persons studying for Year 12 or below, the most commonly reported main field of education of current study for persons enrolled in a course leading to a qualification was Management and commerce (18%), followed by Society and culture (13%).

### EDUCATIONAL ATTAINMENT

Level of highest non-school qualification

The proportion of persons with a non-school qualification increased from 42% in May 1996 to 52% in May 2006. Persons attaining a Bachelor Degree or above underwent the greatest increase (13% in May 1996 to 21% in May 2006). The proportion of persons whose highest non-school qualification was an Advanced Diploma or below increased from 29% in 1996 to 31% in 2006.

Among the 7,019,500 persons with a non-school qualification, the most commonly reported fields of education for the highest non-school qualification were Management and commerce (23%), and Engineering and related technologies (19%).

Of persons with a non-school qualification, 83% were employed, compared to 63% without a non-school qualification. Of employed persons with a non-school qualification, 77% were full-time workers, compared to 64% of employed persons without a non-school qualification.

Level of highest educational attainment

More than a third (34%) of persons aged 15–64 years reported their level of highest educational attainment as being Year 11 or below, and a further 20% reported Year 12. Additionally, more than 1 in 5 (21%) had a highest level of attainment of Bachelor Degree or higher, and another 15% had a Certificate III or IV.

STARTING A COURSE OF STUDY

Approximately 338,400 persons who were not enrolled in a course of study leading to a qualification in 2005 were enrolled in a course of study leading to a qualification in May 2006. Of these, 58% were female, and more than 72% were employed, of which 64% were employed on a full-time basis. While 62% of this group were aged between 15 and 34 years, there remained 129,600 persons aged 35 or more starting a course of study leading to a qualification.

### SUMMARY OF FINDINGS continued

LEAVING A COURSE OF STUDY

Approximately 971,600 persons who were enrolled in a course of study leading to a qualification in 2005 were not enrolled in a course of study leading to a qualification in May 2006. Among this group, 82% were employed and a further 8% were unemployed. While the majority (65%) of 'leavers' were aged between 15 and 34 years, there were 342,900 (35%) who were aged 35 to 64 years.

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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	378.1	296.7	205.5	84.2	103.7	25.7	8.8	24.5	1 127.3
Females	443.0	313.3	240.7	89.8	112.6	30.0	11.9	23.9	1 265.1
Age group (years)									
15–19	364.3	276.6	197.4	73.8	99.8	25.6	7.2	17.8	1 062.6
20–24	182.9	142.6	94.7	36.8	44.8	9.2	3.9	12.1	527.0
25–34	125.3	91.5	70.7	26.0	30.4	8.6	4.1	9.4	365.9
35–44 45–54	90.8 44.1	52.8 35.9	42.4 31.5	17.3 13.9	23.9 13.0	6.0 4.2	3.6 *1.6	5.7 2.3	242.4 146.6
55–64	13.7	35.9 10.6	9.4	6.2	4.3	2.1	**0.3	2.3 *1.2	47.8
	10.7	10.0	5.4	0.2	7.0	2.1	0.5	1.2	47.0
Country of birth	000.0	400 F	204.0	4.40.0	454.0	40.0	45.7	20.0	4.054.4
Born in Australia Born overseas	628.2 192.9	462.5 147.4	364.2 81.9	142.3 31.8	151.9 64.4	49.8 6.0	15.7 5.0	39.8 8.6	1 854.4 538.1
	192.9	147.4	01.9	31.0	04.4	6.0	5.0	0.0	336.1
Area of usual residence									
State capital city	545.3	469.8	238.7	137.5	174.1	28.6			1 594.0
Balance of state/territory	275.9	140.1	207.4	36.5	42.2	27.1	20.7	48.4	798.4
Labour force status									
In the labour force	525.7	377.4	312.0	115.9	146.0	35.1	15.8	36.2	1 564.1
Employed	478.7	348.4	292.3	106.2	137.8	31.5	15.5	33.0	1 443.3
Full-time workers Part-time workers	225.8 253.0	141.3 207.1	127.8 164.5	43.4 62.8	63.7 74.0	15.7 15.8	9.2 6.3	15.7 17.3	642.5 800.8
Unemployed	46.9	29.1	19.6	9.7	8.2	3.7	**0.3	3.2	120.7
Not in labour force	295.5	232.5	134.2	58.2	70.3	20.6	4.9	12.2	828.4
Level of education of current study in May 2006									
Study leading to a qualification	784.4	575.7	429.0	166.2	204.9	52.1	19.7	47.1	2 279.1
Postgraduate Degree	53.0	36.5	24.2	9.3	13.9	2.9	*1.2	5.4	146.3
Graduate Diploma/Graduate Certificate	20.2	15.5	12.4	5.6	6.5	*1.8	*1.4	*1.5	64.9
Bachelor Degree Advanced Diploma/Diploma	218.9 66.0	162.9 52.8	128.4 37.8	45.7 14.8	58.3 20.2	11.2 3.5	4.6 *1.6	15.1 4.8	645.1 201.5
Certificate III/IV	115.6	63.4	67.6	22.6	32.2	8.2	3.4	4.5	317.5
Certificate I/II	18.7	12.5	*5.0	5.7	4.9	*1.4	**0.6	*0.4	49.3
Certificate n.f.d.	37.0	23.5	21.9	7.8	8.5	2.6	*1.2	1.8	104.4
Year 12	74.3	60.1	47.2	18.4	22.2	6.0	*1.8	4.3	234.2
Year 11	74.4	63.0	46.6	16.4	22.0	4.3	*2.3	5.0	233.9
Year 10 or below	92.5	73.8	30.5	18.5	15.0	9.3	*1.6	4.0	245.0
Level not determined	13.8	11.7	7.4	*1.5	*1.3	*1.0	**0.1	**0.3	37.1
Study not leading to a qualification	36.7	34.2	17.1	7.9	11.4	3.6	*1.0	*1.4	113.3
Type of educational institution attending									
School	239.0	198.5	125.2	53.5	58.7	20.5	5.7	13.8	714.7
TAFE	184.5	115.7	89.8	36.5	51.8	13.3	*1.3	9.5	502.5
Higher education	288.3	231.5	166.4	62.0	82.0	16.2	10.4	21.2	877.9
Other institution	109.4	64.3	64.7	22.1	23.9	5.7	3.4	3.8	297.3
Type of attendance									
Full-time	511.4	414.7	279.1	108.9	133.9	33.9	9.9	29.5	1 521.3
Part-time	309.7	195.3	167.1	65.2	82.4	21.8	10.8	18.9	871.1
Total	821.1	609.9	446.2	174.1	216.3	55.7	20.7	48.4	2 392.4

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

.. not applicable

(a) Refers to mainly urban areas only. For more information see paragraph 11 of the Explanatory Notes.

considered too unreliable for general use

	1996	1998	2000	2002	2004	2005(a)	2006(a)				
	'000	'000	'000	'000	'000	'000	'000				
• • • • • • • • • • • • • • • •		• • • • • • •					• • • • • • •				
MALES											
Study leading to a qualification(b) Age group (years)											
15–19	471.3	501.5	521.8	523.3	528.0	527.5	531.6				
20–24	219.7	215.3	216.7	245.8	245.0	259.1	253.9				
25–34	173.0	151.2	157.5	186.2	174.6	167.8	158.3				
35–44 45–54	74.5 42.3	90.2 38.3	84.2 42.6	96.0 46.9	92.8 46.9	92.6 50.9	81.9 41.3				
55–64	10.8	9.8	8.3	9.4	18.6	15.3	14.8				
Total	991.6	1 006.3	1 031.0	1 107.7	1 105.8	1 113.1	1 081.9				
Study not leading to a											
qualification	44.5	40.7	49.1	43.3	39.1	34.7	45.5				
Total enrolled	1 036.1	1 047.1	1 080.1	1 151.0	1 144.9	1 147.8	1 127.3				
Total not enrolled	5 004.9	5 134.3	5 255.6	5 324.9	5 403.5	5 469.0	5 539.5				
Total	6 041.1	6 181.3	6 335.7	6 475.9	6 548.4	6 616.9	6 666.8				
• • • • • • • • • • • • • • • •	• • • • • • • •		EMALES	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •				
		Г	LIVIALES								
Study leading to a qualification(b) Age group (years)											
15–19	460.4	489.8	504.7	510.7	512.4	508.3	518.2				
20–24 25–34	202.7 153.4	204.3 158.3	225.8 170.3	256.6 182.8	267.2 200.8	279.9	254.5 183.1				
25–34 35–44	132.0	109.6	120.4	128.1	144.0	191.3 127.8	134.9				
45–54	54.1	60.8	63.3	76.5	85.4	77.5	84.6				
55–64	7.7	10.8	12.4	15.4	17.6	20.9	21.9				
Total	1 010.3	1 033.6	1 096.9	1 170.1	1 227.3	1 205.7	1 197.3				
Study not leading to a											
qualification	81.8	62.5	79.4	69.5	54.1	67.1	67.8				
Total enrolled	1 092.1	1 096.0	1 176.3	1 239.5	1 281.5	1 272.8	1 265.1				
Total not enrolled	4 909.0	5 063.5	5 140.7	5 211.4	5 343.2	5 406.7	5 462.7				
Total	6 001.1	6 159.6	6 317.0	6 450.9	6 624.6	6 679.5	6 727.8				
• • • • • • • • • • • • • • • •		P	ERSONS	• • • • • • •	• • • • • • •		• • • • • • •				
Study leading to a qualification(b)											
Age group (years)											
15–19	931.7	991.4	1 026.5	1 034.0	1 040.4	1 035.8	1 049.8				
20–24 25–34	422.4 326.3	419.6 309.5	442.5 327.8	502.4 369.0	512.2 375.4	539.0 359.1	508.5 341.4				
35–44	206.5	199.8	204.6	224.1	236.7	220.4	216.9				
45–54	96.4	99.1	105.9	123.4	132.3	128.4	125.9				
55–64	18.5	20.6	20.6	24.8	36.2	36.2	36.6				
Total	2 001.9	2 039.9	2 127.9	2 277.7	2 333.2	2 318.8	2 279.1				
Study not leading to a											
qualification Total enrolled	126.4 2 128.2	103.2 2 143.1	128.5 2 256.4	112.8 2 390.5	93.2 2 426.5	101.8 2 420.6	113.3 2 392.4				
Total enrolled	9 913.9	10 197.8	10 396.4	10 536.3	10 746.7	10 875.7	11 002.3				
Total	12 042.1	12 340.9	12 652.7	12 926.8	13 173.0	13 296.3	13 394.7				

<sup>(</sup>a) From 2005, excludes boarding school pupils. For more information, see paragraph 10 of the Explanatory Notes.

<sup>(</sup>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 age

	AGE GROU	P (YEARS)				
Level of education of current	15–19	20-24	25–34	35–44	45–64	Total
study	'000	'000	'000	'000	'000	'000
• • • • • • • • • • • • • • • • • • • •		LES	• • • • • •	• • • • •	• • • • • •	• • • • • • • •
	IVI A	LES				
Postgraduate Degree	np	np	33.6	18.0	8.8	71.6
Graduate Diploma/Graduate Certificate	np	np	8.9	6.4	*4.3	23.2
Bachelor Degree	75.4	130.0	47.4	15.3	8.2	276.3
Advanced Diploma/Diploma	14.8	23.0	18.7	12.3	7.7	76.6
Certificate III/IV	67.1	64.7	28.2	16.4	14.0	190.4
Certificate I/II	6.5	7.5	*2.5	*2.8	*2.0	21.3
Certificate n.f.d.	8.7	8.2	12.6	8.1	7.4	45.0
Year 12 or below	355.3	**1.3	np	np	np	357.9
Level not determined	*2.6	*5.4	*5.6	*2.3	*3.6	19.5
Total	531.6	253.9	158.3	81.9	56.1	1 081.9
• • • • • • • • • • • • • • • • • • • •		• • • • • •	• • • • • •	• • • • •	• • • • • •	• • • • • • • •
	FEM	ALES				
Postgraduate Degree	np	np	30.3	12.5	17.8	74.7
Graduate Diploma/Graduate Certificate	np	np	10.4	12.5	7.1	41.7
Bachelor Degree	97.4	162.1	60.0	30.4	18.9	368.7
Advanced Diploma/Diploma	22.7	26.5	33.0	22.9	19.8	125.0
Certificate III/IV	24.4	19.6	29.3	29.4	24.3	127.1
Certificate I/II	6.0	*3.8	7.5	*5.6	*5.1	27.9
Certificate n.f.d.	10.8	13.5	10.2	15.9	8.9	59.3
Year 12 or below	351.5	*2.5	np	np	np	355.2
Level not determined	*1.8	*4.4	*2.0	*5.2	*4.1	17.6
Total	518.2	254.5	183.1	134.9	106.5	1 197.3
• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •		• • • • • • • •
	PER:	SONS				
Postgraduate Degree	**1.1	24.3	63.8	30.5	26.6	146.3
Graduate Diploma/Graduate Certificate	*3.7	11.6	19.3	18.9	11.4	64.9
Bachelor Degree	172.8	292.0	107.4	45.7	27.1	645.1
Advanced Diploma/Diploma	37.5	49.6	51.8	35.2	27.5	201.5
Certificate III/IV	91.5	84.4	57.5	45.8	38.3	317.5
Certificate I/II	12.5	11.3	10.0	8.4	7.1	49.3
Certificate n.f.d.	19.5	21.7	22.9	24.0	16.3	104.4
Year 12 or below	706.8	*3.7	**1.1	**0.9	**0.6	713.1
Level not determined	*4.4	9.9	7.6	7.5	7.7	37.1
Total	1 049.8	508.5	341.4	216.9	162.6	2 279.1

<sup>\*</sup> estimate has a relative standard error of 25% to 50% and should be used with caution

 $<sup>\</sup>star\star$  estimate has a relative standard error greater than 50% and is considered too unreliable for general use

np not available for publication but included in totals where applicable, unless otherwise indicated



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

AGE GROUP (YEARS)								
	15–19	20–24	25–34	35–44	45–64	Total		
Main field of education of current study	'000	'000	'000	'000	'000	'000		
	MALE	S		• • • • • •	• • • • • •	• • • • • • • •		
Natural and physical sciences	6.9	7.0	7.3	*2.0	0.7	23.9		
Information technology	6.5	17.2	13.7	5.8	*2.1	45.2		
Engineering and related technologies	53.7	60.1	22.4	7.8	9.0	153.0		
Architecture and building	25.2	21.0	11.3	*2.8	*1.3	61.7		
Agriculture, environmental and related studies	*3.2	*4.9	*4.6	*2.5	*1.4	16.5		
Health	6.1	16.9	11.2	6.2	*5.6	46.0		
Education Management and commerce	*5.0	9.5	*4.3	*2.2	*3.8	24.7 183.4		
Management and commerce	24.7 15.4	65.6 24.4	46.2 25.5	30.7 13.2	16.2 13.2	91.7		
Society and culture Creative arts	16.1	11.0	25.5 8.2	*4.4	*1.9	91.7 41.6		
Food, hospitality and personal services	6.7	11.3	**1.2	*1.6	1.9	20.8		
Mixed field programmes(a)	356.6	**1.3	**0.7	**0.4	**0.2	359.2		
Field not determined	5.7	*3.8	*1.7	*2.4	**0.7	14.3		
Total	531.6	253.9	158.3	81.9	56.1	1 081.9		
	FEMAL	ES						
Natural and physical sciences	8.2	18.0	6.2	*3.0	*2.1	37.5		
Information technology	*1.6	*3.6	*3.3	*2.6	*2.6	13.6		
Engineering and related technologies	*3.4	6.1	**1.3	*2.4	*3.3	16.5		
Architecture and building	**1.1	*5.6	*4.5	*1.7	**0.5	13.4		
Agriculture, environmental and related studies	*2.2	*4.5	5.8	*2.1	*2.8	17.3		
Health	24.3	40.3	23.0	19.4	14.2	121.1		
Education Management and commerce	15.3 42.9	26.5 67.0	16.1 54.0	14.0	12.3 21.7	84.3 224.4		
Management and commerce Society and culture	29.8	50.3	49.2	38.8 41.2	35.5	205.9		
Creative arts	15.6	20.5	11.5	*5.2	6.2	58.9		
Food, hospitality and personal services	17.7	6.5	5.7	*2.4	**1.1	33.3		
Mixed field programmes(a)	351.8	*2.8	**0.9	**0.9	**0.6	357.0		
Field not determined	*4.4	*2.9	*1.7	*1.5	*3.5	14.0		
Total	518.2	254.5	183.1	134.9	106.5	1 197.3		
iotai	316.2	254.5	103.1	154.9	100.5	1 197.3		
	PERSO	NS						
Natural and physical sciences	15.1	25.0	13.5	*5.0	*2.8	61.3		
Information technology	8.0	20.8	17.0	8.4	*4.7	58.9		
Engineering and related technologies	57.1	66.1	23.7	10.3	12.3	169.5		
Architecture and building	26.4	26.6	15.8	*4.4	*1.8	75.0		
Agriculture, environmental and related studies	*5.3	9.4	10.4	*4.6	*4.2	33.9		
Health	30.4	57.2	34.2	25.6	19.8	167.1		
Education Management and commerce	20.3	36.0	20.4	16.2	16.1	109.0		
Management and commerce	67.6	132.6	100.2	69.4	37.9	407.7		
Society and culture Creative arts	45.2 21.6	74.7	74.6	54.3	48.7	297.6		
Food, hospitality and personal services	31.6 24.4	31.5 17.8	19.7 6.9	9.6 *4.0	8.1 **1.1	100.5 54.1		
Mixed field programmes(a)	708.3	*4.1	*1.6	**1.3	**0.8	716.2		
Field not determined	10.1	6.7	*3.4	*3.8	*4.2	28.2		
Total	1 049.8	508.5	341.4	216.9	162.6	2 279.1		

<sup>\*</sup> estimate has a relative standard error of 25% to 50% and should be used with caution

 $<sup>^{\</sup>star\star}$   $\,\,$  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)

<sup>(</sup>a) Includes persons studying for Year 12 or below.



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

LEVEL OF EDUCATION OF CURRENT STUDY

	Postgraduate Degree	Graduate Diploma/ Graduate Certificate	Bachelor Degree	Advanced Diploma/ Diploma	Certificate III/IV	Certificate I/II	Certificate n.f.d.	Year 12 or below	Total(a)	
Main field of education of current study	'000	'000	'000	'000	'000	'000	'000	'000	'000	
Natural and physical sciences	12.8	**0.8	41.7	*2.7	**0.9	**0.2	**0.9	_	61.3	
Information technology	9.0	*2.4	25.1	9.7	*3.6	*2.8	*4.3	_	58.9	
Engineering and related technologies	*4.7	*1.6	43.6	13.0	85.8	6.9	11.5	_	169.5	
Architecture and building	*2.3	**0.9	12.9	8.1	43.1	*2.4	*4.5	_	75.0	
Agriculture, environmental and related studies	*3.3	**1.2	9.1	*3.1	11.5	*1.6	*3.4	_	33.9	
Health	16.2	9.4	95.3	19.7	15.1	*1.5	5.7	_	167.1	
Education	11.0	13.7	70.5	*3.5	6.1	_	*2.0	_	109.0	
Management and commerce	42.6	20.0	158.4	66.1	65.8	19.4	27.3	_	407.7	
Society and culture	34.8	9.8	119.4	43.4	50.1	6.3	25.0	_	297.6	
Creative arts	8.1	*3.9	48.9	20.9	5.8	*2.0	9.2	_	100.5	
Food, hospitality and personal services	_	_	*2.4	9.5	26.9	*5.1	9.5	_	54.1	
Mixed field programmes(b)	_	_	_	_	**0.4	**0.8	**0.8	713.1	716.2	
Field not determined	*1.4	**1.2	17.7	*2.1	*2.3	**0.2	**0.4	_	28.2	
Total	146.3	64.9	645.1	201.5	317.5	49.3	104.4	713.1	2 279.1	

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

<sup>\*\*</sup> 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)

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

<sup>(</sup>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

	•••••	•••••	••••••	•••••	•••••	•••••					
	Full-time	Part-time	Total		Labour	Not in					
	workers	workers	employed	Unemployed	force	labour force	Total				
Level of education of current											
study	'000	'000	'000	'000	'000	'000	'000				
• • • • • • • • • • • • • • • • • • • •											
MALES											
Postgraduate Degree	37.5	16.7	54.2	*2.7	57.0	14.6	71.6				
Graduate Diploma/Graduate Certificate	15.8	*3.5	19.3	**0.3	19.6	*3.6	23.2				
Bachelor Degree	52.7	118.1	170.8	14.6	185.3	91.0	276.3				
Advanced Diploma/Diploma	39.8	18.1	57.9	*3.4	61.3	15.2	76.6				
Certificate III/IV	155.1	17.4	172.5	6.9	179.4	11.0	190.4				
Certificate I/II	8.5	*4.1	12.6	*2.3	14.9	6.4	21.3				
Certificate n.f.d.	30.4	6.3	36.6	*2.8	39.5	*5.6	45.0				
Year 12	**0.6	43.4	44.0	5.8	49.8	63.8	113.5				
Year 11	**0.3	34.3	34.6	6.5	41.1	74.5	115.6				
Year 10 or below	**0.4	28.5	28.9	9.1	38.0	90.8	128.8				
Level not determined	13.0	**1.3	14.3	**0.8	15.1	*4.4	19.5				
Total	354.2	291.7	645.9	55.2	701.0	380.8	1 081.9				
FEMALES											
Postgraduate Degree	32.8	21.6	54.4	**1.1	55.5	19.2	74.7				
Graduate Diploma/Graduate Certificate	21.3	13.7	34.9	*1.7	36.6	*5.1	41.7				
Bachelor Degree	54.2	195.1	249.3	12.4	261.7	107.1	368.7				
Advanced Diploma/Diploma	46.7	44.9	91.6	*4.4	96.0	29.0	125.0				
Certificate III/IV	52.2	44.1	96.2	7.9	104.1	23.0	127.1				
Certificate I/II	7.6	8.5	16.1	*2.2	18.3	9.7	27.9				
Certificate n.f.d.	22.3	14.4	36.7	*4.3	40.9	18.4	59.3				
Year 12	**0.1	62.7	62.8	*4.3	67.0	53.6	120.7				
Year 11	**0.8	49.3	50.1	8.2	58.3	60.1	118.4				
Year 10 or below	**0.3	30.1	30.5	11.8	42.3	73.9	116.2				
Level not determined	6.0	*4.4	10.5	**0.7	11.2	6.4	17.6				
Total	244.3	488.8	733.0	58.9	791.9	405.3	1 197.3				
• • • • • • • • • • • • • • • • • • • •											
		PEF	RSONS								
Postgraduate Degree	70.4	38.3	108.6	*3.9	112.5	33.8	146.3				
Graduate Degree  Graduate Diploma/Graduate Certificate	37.1	17.2	54.3	*1.9	56.2	8.7	64.9				
Bachelor Degree	106.8	313.2	420.1	26.9	447.0	198.0	645.1				
Advanced Diploma/Diploma	86.5	63.0	149.5	7.8	157.3	44.2	201.5				
Certificate III/IV	207.3	61.5	268.8	14.7	283.5	34.0	317.5				
Certificate I/II	16.1	12.6	28.8	*4.5	33.2	16.1	49.3				
Certificate n.f.d.	52.6	20.6	73.3	7.1	80.4	23.9	104.4				
Year 12	**0.7	106.1	106.8	10.1	116.8	117.4	234.2				
Year 11	**1.1	83.6	84.7	14.7	99.4	134.5	233.9				
Year 10 or below	**0.7	58.7	59.4	20.9	80.3	164.7	245.0				
Level not determined	19.1	5.7	24.8	*1.5	26.3	10.8	37.1				
25.5. Hot dotominod	10.1	5.1	27.0	1.0	20.0	10.0	51.1				
Total	598.4	780.5	1 378.9	114.0	1 493.0	786.2	2 279.1				

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

considered too unreliable for general use



ALL PERSONS, Proportion of persons with a non-school qualification(a)—May 1996 to May 2006

	1996	1998	2000	2002	2004	2005	2006
	1550	1330	2000	2002	2004	2000	2000
LEVEL OF	HIGHE	ST NON-	SCHOOL	ΟΠΑΓΙΕΙ	CATION	(%) (h)	• • • • • • •
	mane	OT NON-	3011001	QUALITI	OATION	(70)(b)	
BACHELOR DEGREE OR ABOVE							
Age group (years)							
15–24	5.8	6.0	6.6	7.7	7.5	8.0	8.3
25–34	15.8	19.3	22.2	24.8	27.0	29.2	29.2
35–44 45–54	18.3 13.8	18.4 15.6	19.0 17.3	21.2 19.9	22.0 21.6	22.6 21.4	24.1 22.6
45–54 55–64	8.3	10.1	11.1	13.2	15.2		17.9
70tal	8.3 12.8	14.3	11.1 15.7	13.2 17.8	15.2 18.9	15.6 19.6	20.6
Total	12.0	14.3	13.7	17.0	10.9	19.0	20.0
ADVANCED							
DIPLOMA/DIPLOMA							
OR BELOW							
Age group (years)							
15–24	17.5	16.1	15.9	17.2	18.2	18.1	17.2
25–34	34.3	32.4	31.9	33.7	35.7	33.5	34.4
35–44	34.0	32.3	32.9	34.4	35.8	35.5	35.9
45–54	32.4	30.0	31.6	33.3	34.8	34.5	35.1
55–64	28.9	26.0	27.5	30.0	31.6	32.1	31.3
Total	29.4	27.6	28.1	29.8	31.3	30.7	30.8
TOTAL WITH							
NON-SCHOOL							
QUALIFICATIONS(c)							
Age group (years)							
15–24	23.2	22.1	22.4	25.1	25.9	26.6	26.0
25–34	50.1	51.6	54.0	59.1	63.2	64.1	64.6
35–44	52.2	50.7	52.0	56.4	58.9	59.3	61.3
45–54	46.2	45.6	48.9	54.0	57.1	57.3	58.9
55–64	37.1	36.1	38.6	44.2	47.9	49.4	50.6
Total	42.3	41.9	43.8	48.2	50.9	51.5	52.4
	-	TOTAL PI	ERSONS	('000)			
		IOIALII	_11.00110	(000)			
ALL PERSONS							
Age group (years)							
15–24	2 670.7	2 639.8	2 681.0	2 726.6	2 760.9	2 792.8	2 799.7
25–34	2 821.6	2 841.7	2 852.1	2 867.7	2 801.4	2 793.5	2 777.9
35–44	2 757.6	2 840.2	2 896.8	2 895.0	2 918.7	2 929.3	2 942.7
45–54	2 288.3	2 434.2	2 543.5	2 614.5	2 678.8	2 709.6	2 734.1
55–64	1 504.0	1 585.0	1 679.2	1 823.0	2 013.3	2 071.1	2 140.2
Total	12 042.1	12 340.9	12 652.7	12 926.8	13 173.0	13 296.3	13 394.7

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

<sup>(</sup>b) Persons in a particular age group with a non-school qualification as a percentage of the total population in that age group.

<sup>(</sup>c) Includes persons whose highest non-school qualification was at a level not determined.



## ALL PERSONS, NON-SCHOOL QUALIFICATION, SELECTED CHARACTERISTICS, Non-school qualification(a)—Selected characteristics

	NSW	Vic.	Qld	SA	WA	Tas.	NT(b)	ACT	Aust.
LEV	EL OF HI	GHEST N	NON-SCH	OOL QU	ALIFICAT	10N ('0	00)		
Bulliand at Burns	470.0	4440		40 =	00.5				100.0
Postgraduate Degree Graduate Diploma/Graduate	172.6	114.3	68.0	19.7	30.5	6.3	*2.7	14.7	428.8
Certificate	99.1	95.0	47.8	21.8	31.8	6.6	3.7	10.1	316.0
Bachelor Degree	688.6	558.9	346.0	133.8	180.0	36.6	13.9	50.6	2 008.3
Advanced Diploma/Diploma	375.1	253.6	210.8	69.1	118.3	22.1	5.9	20.7	1 075.7
Certificate III/IV	656.9	456.8	465.1	161.9	220.2	52.3	20.8	22.6	2 056.5
Certificate I/II	290.6	162.1	135.1	60.5	80.8	15.9	6.0	11.4	762.3
Certificate n.f.d.	85.5	49.1	43.6	15.8	26.3	3.3	3.0	3.4	230.0
Level not determined	64.2	26.3	25.6	7.7	12.3	3.0	*0.8	2.0	141.9
Total with a non-school									
qualification	2 432.7	1 716.1	1 342.0	490.2	700.2	146.0	56.8	135.5	7 019.5
Total without a non school									
Total without a non-school qualification	2 015.1	1 636.7	1 268.0	514.3	640.0	164.1	45.7	91.4	6 375.1
qualification	2 013.1	1 030.7	1 200.0	314.3	040.0	104.1	45.7	31.4	0 37 3.1
Total	4 447.8	3 352.8	2 610.0	1 004.5	1 340.2	310.1	102.5	226.8	13 394.7
PROPORTI	ON OF PE	ERSONS	WITH A	NON-SC	HOOL QU	JALIFIC <i>A</i>	ATION (9	6)	
Sex					-				
Males	55.8	53.2	54.3	52.0	55.1	49.9	57.3	60.2	54.5
Females	53.5	49.2	48.5	45.6	49.4	44.3	53.6	59.2	50.4
	33.3	.0.2	.0.0	.0.0			00.0	00.2	00.1
Age group (years) 15–19	6.2	5.9	9.7	9.9	10.8	5.7	11.8	4.3	7.6
20–24	44.2	43.1	43.1	40.0	47.0	41.9	43.2	4.3	43.6
25–34	68.3	63.6	62.0	59.8	63.2	55.4	62.3	74.9	64.6
35–44	64.5	58.5	63.0	53.5	60.2	55.4	62.3	70.7	61.3
45–54	61.4	58.4	56.5	55.1	58.9	55.7	56.1	69.9	58.9
55–64	52.5	49.1	48.7	50.8	50.0	46.6	71.4	59.5	50.6
Country of birth									
Born in Australia	53.5	50.6	49.6	46.8	49.0	45.2	54.9	58.0	50.9
Born overseas	57.5	52.8	57.8	55.9	58.9	61.5	56.9	65.0	56.6
Area of usual residence									
State capital city	57.1	52.3	52.9	51.2	53.8	49.8	_	_	54.0
Balance of state/territory	50.3	48.1	50.1	41.8	47.4	45.2	55.4	59.7	49.6
Labour force status									
In the labour force	61.0	57.8	55.8	54.1	57.5	52.3	57.8	63.9	58.2
Employed	62.4	58.6	56.7	55.0	58.1	53.9	59.0	64.5	59.2
Full-time workers	66.6	63.4	60.9	60.2	61.4	57.8	62.3	71.3	63.6
Part-time workers	51.5	47.2	46.0	43.6	49.6	45.7	45.0	43.5	48.2
Unemployed	37.2	42.4	38.8	36.5	39.3	28.4	17.4	46.3	38.7
Not in the labour force	33.9	29.4	34.9	32.1	33.2	30.8	43.6	38.1	32.7
	55.5		30	32.2	30.2	20.0	.0.0	30.1	02
Highest year of school completed									
Year 12	68.1	65.4	63.5	64.0	65.4	66.7	65.5	68.4	66.0
Year 11	41.2	44.3	44.9	43.7	44.0	43.2	53.5	51.2	43.9
Year 10 or below	40.2	29.9	38.2	30.1	38.4	35.2	44.3	36.6	36.7
Tatal		=4.5		40.0	F0.0	4= 4	1	F0 -	
Total	54.7	51.2	51.4	48.8	52.2	47.1	55.4	59.7	52.4

 $<sup>^{\</sup>star}$   $\,\,$  estimate has a relative standard error of 25% to 50% and should be used with caution

nil or rounded to zero (including null cells)

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

<sup>(</sup>b) Refers to mainly urban areas only. For more information see paragraph 11 of the Explanatory Notes.



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

AGE GROUP (YEARS) 35-44 45-54 15-19 20-24 25-34 55-64 Total '000 '000 '000 '000 '000 '000 '000 MALES Level of highest non-school qualification Postgraduate Degree 52.0 70.0 59.1 56.0 242.0 np np Graduate Diploma/Graduate Certificate 25.4 28.2 394 22.8 119.4 np np 283.2 182.7 922.3 **Bachelor Degree** np αn 240.7 131.7 Advanced Diploma/Diploma \*2.2 36.5 111.5 113.5 105.1 85.1 453.8 Certificate III/IV 17.3 109.4 324.2 381.0 354.0 249.2 1 435.0 Certificate I/II 15.1 25.0 49.2 65.5 66.6 62.2 283.6 Certificate n.f.d. 7.9 21.4 39.0 17.7 11.9 \*4.6 102.6 Level not determined \*\*0.7 14.6 22.2 14.0 15.3 73.3 Main field of highest non-school qualification \*\*0.7 30.7 32.9 132.8 31.3 26.0 Natural and physical sciences 11.1 Information technology \*2.7 30.5 65.1 42.0 21.7 10.3 172.4 Engineering and related technologies 11.7 77.5 275.7 347.2 316.1 240.1 1 268.3 Architecture and building \*3.3 30.9 104.8 95.6 95.2 69.5 399.4 Agriculture, environmental and related studies \*2.3 11.8 33.2 36.7 31.2 21.1 136.2 \*\*0.6 Health 38.7 42.7 36.0 157.1 6.4 32.7 Education \*\*1.1 \*4.2 24.3 28.9 34.4 30.2 123.1 144.6 90.8 609.5 Management and commerce 6.1 64.7 158.7 144.6 Society and culture \*3.2 19.9 65.7 80.9 69.9 57.4 297.0 Creative arts \*2.3 14.5 40.9 28.6 19.9 14.1 120.3 Food, hospitality and personal services 7.9 16.9 49.3 48.6 28.6 20.2 171.5 \*\*0.7 \*\*0.6 Mixed field programmes \*\*0.4 \*\*0.4 \*\*0.1 \*2.2 Field not determined \*\*1.2 \*1.6 11.1 11.6 9.3 42.2 7.4 43.8 290.4 899.2 938.7 832.9 626.9 3 631.9 FEMALES Level of highest non-school qualification Postgraduate Degree 53.2 55.3 47.3 29.5 186.9 np Graduate Diploma/Graduate Certificate 38.8 49.0 66.0 37.6 196.7 np np Bachelor Degree np np 358.2 266.4 222.8 104.7 1 086.0 Advanced Diploma/Diploma \*5.6 53.0 155.5 161.2 151.8 94.6 621.8 Certificate III/IV 156.0 19.4 80.3 160.1 132.8 72.9 621.5 Certificate I/II 24.7 28.1 87.2 130.5 116.4 91.8 478.7 Certificate n.f.d. 32.8 27.3 127.4 8.6 27.3 21.4 10.1 Level not determined \*2.0 \*3.0 13.7 16.0 19.1 14.9 68.7 Main field of highest non-school qualification Natural and physical sciences \*\*0.4 15.3 37.1 27.6 20.9 14.2 115.6 \*\*0.8 Information technology 6.9 26.4 22.5 16.6 79.0 5.7 Engineering and related technologies \*\*0.6 \*5.0 20.3 23.7 19.8 12.7 82.0 Architecture and building \*4.2 \*4.7 31.2 11.6 8.6 \*2.1 \*\*0.9 \*4.5 Agriculture, environmental and related studies 8.8 19.6 15.7 8.5 58.0 Health \*\*5.1 35.7 116.4 136.9 155.9 79.3 529.3 \*2.0 **Fducation** 22.2 75.6 102.0 130.7 76.7 409.1 Management and commerce 15.9 289.0 208.4 128.4 1 016.0 110.0 264.3 Society and culture 10.6 58.1 151.3 141.0 136.9 84.7 582.5 Creative arts \*3.4 26.5 52.6 39.0 25.3 14.6 161.3 Food, hospitality and personal services 20.2 35.0 77.5 68.5 41.9 25.7 268.8 Mixed field programmes \*\*0.5 \*\*0.4 \*\*0.9 \*1.3 \*\*1.0 \*\*0.1 \*4.2 Field not determined \*3.8 17.7 14.6 7.1 7.4 50.6 Total 332.3 895.5 865.8 777.6 60.3

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

<sup>\*\*</sup> 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)

np not available for publication but included in totals where applicable, unless otherwise indicated

<sup>(</sup>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 GRO	UP (YEAR	S)								
	15–19	20-24	25–34	35–44	45–54	55–64	Total				
	1000	'000	'000	'000	'000	'000	'000				
PERSONS											
	F	LKSON	3								
Level of highest non-school qualification											
Postgraduate Degree	np	np	105.2	125.2	106.4	85.5	428.8				
Graduate Diploma/Graduate Certificate	np	np	64.3	77.2	105.4	60.4	316.0				
Bachelor Degree	np	np	641.5	507.1	405.5	236.4	2 008.3				
Advanced Diploma/Diploma	7.8	89.5	267.0	274.8	256.9	179.7	1 075.7				
Certificate III/IV	36.7	189.7	480.2	541.1	486.7	322.0	2 056.5				
Certificate I/II	39.8	53.1	136.4	196.0	183.0	154.0	762.3				
Certificate n.f.d.	16.5	48.7	71.9	44.9	33.3	14.7	230.0				
Level not determined	*2.6	9.5	28.2	38.2	33.1	30.2	141.9				
Main field of highest non-school qualification											
Natural and physical sciences	**1.1	26.4	68.4	58.4	46.9	47.2	248.4				
Information technology	*3.6	37.5	91.6	64.5	38.3	16.1	251.4				
Engineering and related technologies	12.3	82.5	295.9	370.9	336.0	252.8	1 350.3				
Architecture and building	*3.3	35.2	116.4	104.2	99.8	71.6	430.5				
Agriculture, environmental and related studies	*3.2	20.5	52.8	52.4	39.7	25.6	194.3				
Health	5.7	42.1	155.2	179.5	191.9	112.0	686.4				
Education	*3.0	26.4	99.9	130.9	165.0	107.0	532.3				
Management and commerce	21.9	174.7	447.7	409.0	352.9	219.3	1 625.4				
Society and culture	13.7	78.0	217.0	221.9	206.8	142.1	879.5				
Creative arts	5.7	41.0	93.5	67.6	45.2	28.7	281.6				
Food, hospitality and personal services	28.1	51.9	126.8	117.1	70.5	45.9	440.3				
Mixed field programmes	**1.2	**1.3	**0.7	*1.9	**1.0	**0.2	6.4				
Field not determined	**1.2	*5.5	28.8	26.2	16.4	14.8	92.8				
Total	104.1	622.8	1 794.7	1 804.6	1 610.4	1 083.0	7 019.5				

<sup>\*</sup> estimate has a relative standard error of 25% to 50% and should be used with caution

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

np not available for publication but included in totals where applicable, unless otherwise indicated

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



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

LEVEL OF HIGHEST NON-SCHOOL QUALIFICATION

Main field of highest non-school	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
qualification	'000	'000	'000	'000	'000	'000	'000	'000	1000
• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	•••••	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •
Natural and physical sciences	46.3	*5.6	162.7	19.0	*3.6	*5.4	*2.0	*3.7	248.4
Information technology	29.5	15.8	90.3	45.7	28.0	24.7	14.6	*2.9	251.4
Engineering and related technologies	35.5	*3.8	176.4	116.7	837.8	124.3	30.7	25.1	1 350.3
Architecture and building	*3.3	*4.7	41.6	23.0	308.9	28.0	10.4	10.7	430.5
Agriculture, environmental and related studies	9.0	*4.8	42.9	40.2	55.3	31.6	8.2	*2.2	194.3
Health	45.6	51.6	293.9	156.2	85.1	22.4	14.2	17.5	686.4
Education	36.2	106.7	265.8	88.5	19.8	*3.6	6.1	*5.5	532.3
Management and commerce	118.0	56.9	390.6	309.1	269.0	366.7	74.1	41.0	1 625.4
Society and culture	84.2	52.2	379.7	135.7	145.7	40.8	26.0	15.0	879.5
Creative arts	13.4	11.5	112.6	75.2	34.0	19.4	9.1	6.4	281.6
Food, hospitality and personal services	_	**0.4	*3.2	52.9	259.2	88.5	30.4	*5.6	440.3
Mixed field programmes	_	_	_	**0.8	**0.3	*3.1	*1.4	**0.8	6.4
Field not determined	7.9	*1.9	48.4	12.6	9.7	*3.9	*2.7	*5.6	92.8
Total	428.8	316.0	2 008.3	1 075.7	2 056.5	762.3	230.0	141.9	7 019.5

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

<sup>\*\*</sup> 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)

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



ALL PERSONS, Highest year of school completed and non-school qualification—by labour force status

LABOUR FORCE STATUS

	LABOUR FO	RCE STATUS			•••••		
	Full-time	Part-time	Total		Labour	Not in the	
	workers	workers	employed	Unemployed	force	labour force	Total
	'000	'000	'000	'000	'000	'000	'000
• • • • • • • • • • • • • • • • • • • •	• • • • • • • •			• • • • • • • • • •			• • • • • • • • •
		YEA	R 12				
Level of highest non-school qualification(a)							
Postgraduate Degree	296.9	58.9	355.8	8.2	364.0	49.2	413.2
Graduate Diploma/Graduate Certificate	176.7	62.0	238.7	5.8	244.5	34.7	279.2
Bachelor Degree	1 250.0	360.3	1 610.3	38.6	1 648.9	230.8	1 879.8
Advanced Diploma/Diploma	469.4	176.2	645.7	18.2	663.9	119.2	783.0
Certificate III/IV	461.0	123.0	583.9	21.9	605.8	75.0	680.8
Certificate I/II	158.0	62.0	220.0	13.7	233.6	52.5	286.1
Certificate n.f.d.	67.4	27.4	94.8	*4.8	99.6	10.1	109.7
Level not determined	46.8	15.6	62.4	*1.4	63.8	8.3	72.1
Total with a non-school qualification	2 926.1	885.4	3 811.5	112.6	3 924.1	579.9	4 504.0
Total without a non-school qualification	1 095.5	594.8	1 690.3	106.9	1 797.2	527.5	2 324.7
Total	4 021.6	1 480.2	5 501.8	219.5	5 721.3	1 107.4	6 828.7
		YEA	R 11				
Level of highest non-school qualification(a)		****				440.4	
Postgraduate Degree	*4.7	**0.3 *2.5	*5.0	_	*5.0	**0.4 *2.2	*5.4
Graduate Diploma/Graduate Certificate Bachelor Degree	10.4 29.8		12.9	 *2.3	12.9	^2.2 7.2	15.1
<u> </u>	29.8 59.3	12.8 21.7	42.6 80.9	^2.3 *2.3	44.8 83.3	7.2 17.8	52.0 101.1
Advanced Diploma/Diploma	240.6	48.1	288.7	~2.3 7.6	83.3 296.2	39.8	336.0
Certificate III/IV Certificate I/II	55.4	48.1 32.2	288.7 87.6	*5.4	93.0	39.8 21.6	114.6
Certificate n.f.d.	18.3	32.2 7.3	25.6	*1.3	93.0 26.9	6.0	32.9
Level not determined	7.6	*3.5	11.1	— I.S	11.1	*2.0	13.1
Total with a non-school qualification	426.0	128.4	554.3	18.9	573.3	96.9	670.2
Total without a non-school qualification	314.9	237.3	552.2	43.0	595.2	262.4	857.5
Total	740.9	365.7	1 106.6	61.9	1 168.5	359.3	1 527.7
• • • • • • • • • • • • • • • • • • • •	• • • • • • • •				• • • • • • • •	• • • • • • • • • •	• • • • • • • • •
		YEAR 10	OR BELOV	V			
Level of highest non-school qualification(a)							
Postgraduate Degree	8.6	**0.7	9.3	**0.1	9.3	**0.9	10.2
Graduate Diploma/Graduate Certificate	12.3	*4.0	16.3	**0.7	17.1	*4.6	21.7
Bachelor Degree	46.7	16.1	62.8	*1.7	64.6	11.9	76.5
Advanced Diploma/Diploma	101.6	46.0	147.6	*5.1	152.7	38.6	191.2
Certificate III/IV	725.4	147.3	872.8	34.0	906.7	132.6	1 039.3
Certificate I/II	150.4	94.8	245.2	16.4	261.6	100.0	361.6
Certificate n.f.d.	45.4	16.2	61.6	8.6	70.1	17.3	87.4
Level not determined	32.7	13.3	46.0	*1.7	47.7	8.9	56.5
Total with a non-school qualification	1 123.1	338.4	1 461.5	68.3	1 529.8	314.7	1 844.5
Total without a non-school qualification	1 150.8	620.5	1 771.2	166.0	1 937.2	1 238.0	3 175.2
Total	2 273.9	958.9	3 232.7	234.3	3 467.0	1 552.7	5 019.7

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

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

 <sup>—</sup> nil or rounded to zero (including null cells)

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



## ALL PERSONS, Highest year of school completed and non-school qualification—by labour force status continued

	LABOUR FO	RCE STATUS					
	Full-time workers	Part-time workers	Total employed	Unemployed	Labour force	Not in the labour force	Total
	'000	'000	'000	'000	'000	'000	'000
	• • • • • • • •	TOT	A L (=)	• • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •
		101	AL(a)				
Level of highest non-school qualification(b)							
Postgraduate Degree	310.1	60.0	370.1	8.3	378.4	50.5	428.8
Graduate Diploma/Graduate Certificate	199.4	68.5	267.9	6.5	274.4	41.6	316.0
Bachelor Degree	1 326.5	389.2	1 715.7	42.7	1 758.4	249.9	2 008.3
Advanced Diploma/Diploma	630.3	243.9	874.2	25.6	899.8	175.9	1 075.7
Certificate III/IV	1 427.1	318.4	1 745.5	63.4	1 808.9	247.5	2 056.5
Certificate I/II	363.7	189.0	552.7	35.5	588.2	174.1	762.3
Certificate n.f.d.	131.1	50.8	181.9	14.7	196.6	33.4	230.0
Level not determined	87.1	32.4	119.5	*3.1	122.6	19.3	141.9
Total with a non-school qualification	4 475.4	1 352.2	5 827.6	199.8	6 027.3	992.2	7 019.5
Total without a non-school qualification	2 565.3	1 454.0	4 019.2	316.7	4 335.9	2 039.2	6 375.1
Total	7 040.6	2 806.2	9 846.8	516.5	10 363.3	3 031.4	13 394.7

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

<sup>(</sup>a) Includes persons who never attended school.

<sup>(</sup>b) Non-school qualification refers to educational attainments other than those of pre-primary, primary or secondary education.



### 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	<i>Total</i> (b)
	'000	'000	'000	'000	'000	'000	'000	'000	'000
• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • • •	• • • • •
Sex									
Males	217.1	104.8	837.3	399.0	1 277.4	233.7	87.6	2 146.9	5 370.7
Females	153.0	163.1	878.4	475.2	468.1	319.0	94.3	1 872.3	4 476.1
Age group (years)									
15–19	np	np	np	*5.4	27.6	29.7	9.9	615.9	691.3
20–24	np	np	np	72.2	164.0	39.0	40.0	575.1	1 096.3
25–34	90.9	59.2	557.4	228.5	415.8	100.5	57.4	674.0	2 209.2
35–44	111.8	66.7	436.9	226.5	485.2	152.3	39.0	828.9	2 381.8
45–54	98.5	95.5	362.6	224.3	432.4	144.4	24.4	813.9	2 225.0
55–59	42.0	26.1	115.9	80.6	145.3	53.9	8.4	335.9	820.5
60–64	22.6	12.9	55.6	36.5	75.3	33.0	*2.7	175.5	422.8
Country of birth									
Born in Australia	184.0	201.9	1 169.2	623.9	1 390.3	416.5	147.0	3 160.3	7 377.4
Born overseas	186.0	66.0	546.5	250.2	355.3	136.3	34.9	858.9	2 469.4
Occupation									
Managers and administrators	66.0	29.5	191.7	88.9	120.4	30.4	6.1	239.8	783.4
Professionals	228.6	165.4	964.2	240.9	97.0	29.6	11.3	197.5	1 957.6
Associate professionals	32.8	31.3	192.9	187.4	224.0	74.9	28.5	429.9	1 220.3
Tradespersons and related workers	*5.4	*4.6	37.0	52.0	642.1	81.9	26.7		1 277.0
Advanced clerical and service workers	*5.0	5.8	44.6	44.7	32.3	58.5	10.8	168.9	377.0
Intermediate clerical, sales and service workers	19.3	21.0	174.9	166.0	263.2	124.6	43.0	812.6	1 645.1
Intermediate production and transport workers	*5.1	*1.8	26.7	21.6	164.4	43.3	17.4	527.6	818.8
Elementary clerical, sales and service workers	*4.1	6.1	59.1	43.3	93.2	60.3	16.2	656.9	946.6
Labourers and related workers	*3.7	*2.5	24.9	29.4	108.9	49.3	21.9	571.2	821.0
Industry									
Agriculture, forestry and fishing	*1.6	*3.2	21.3	25.0	40.6	20.2	*3.5	173.0	293.0
Mining	*4.5	*1.4	15.5	7.7	39.5	*5.3	*2.2	36.8	115.0
Manufacturing	21.1	9.2	105.2	60.3	274.4	65.4	21.1	467.5	1 034.7
Electricity, gas and water supply	6.1	*3.1	14.6	10.8	30.3	5.9	*1.7	19.0	92.7
Construction	*4.7	*4.9	46.5	40.0	347.0	53.1	17.1	355.8	881.4
Wholesale trade	10.8	*3.9	69.0	39.3	88.0	26.0	9.6	205.8	457.4
Retail trade	9.4	8.8	96.8	71.7	225.8	96.8	27.0	921.9	1 470.1
Accommodation, cafes and restaurants	6.2	*1.9	35.7	33.2	61.8	34.0	12.8	257.9	446.1
Transport and storage	7.8	6.4	51.3	32.0	81.7	22.9	7.5	240.4	455.9
Communication services	10.4	*4.1	32.1	17.0	28.8	8.5	*3.4	82.6	188.0
Finance and insurance	23.1	11.2	89.7	53.2	21.6	18.1	8.4	147.2	376.3
Property and business services	74.4	35.0	328.4	128.9	127.2	68.2	28.6	344.1	1 153.7
Government administration and defence	33.5	22.9	126.6	44.6	61.2	22.0	*4.6	134.6	454.5
Education	85.8	81.0	289.2	76.4	41.3	16.5	6.8	106.8	709.7
Health and community services	55.1	49.7	294.0	152.9	155.7	49.4	15.4	262.4	1 054.3
Cultural and recreational services	5.9	9.6	49.1	33.0	31.0	17.2	6.2	113.6	271.2
Personal and other services	9.7	11.7	50.5	48.4	89.6	23.2	6.0	149.9	392.8
Total	370.1	267.9	1 715.7	874.2	1 745.5	552.7	181.9	4 019.2	9 846.8

<sup>\*</sup> estimate has a relative standard error of 25% to 50% and should be used with

np not available for publication but included in totals where applicable, unless otherwise indicated

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

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



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

	NSW	Vic.	Qld	SA	WA	Tas.	NT(b)	ACT	Aust.
Level of highest educational attainment	1000	'000	'000	'000	'000	'000	1000	'000	'000
attaniment	'000	1000	1000	000	.000	000	'000	000	000
	• • • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
			MALES						
Postgraduate Degree	89.7	70.5	37.0	11.3	19.2	3.2	*1.7	9.2	242.0
Graduate Degree  Graduate Diploma/Graduate Certificate	41.1	33.9	15.9	8.5	12.5	2.7	*1.3	3.4	119.4
Bachelor Degree	326.9	249.0	157.1	60.8	83.1	17.1	5.9	22.3	922.3
Advanced Diploma/Diploma	165.7	100.4	89.2	29.7	47.2	8.9	*2.4	10.3	453.8
Certificate III/IV	453.2	321.4	321.6	114.1	160.6	35.3	14.1	14.7	1 435.0
Certificate I/II	15.3	12.2	9.3	*2.6	*2.2	*1.3	**0.6	*0.6	44.0
Certificate n.f.d.	**1.7	*2.8	*1.9	**0.6	**0.8	**0.2	_	**0.2	8.3
Year 12	426.7	332.4	249.3	88.6	132.9	19.2	8.5	30.3	1 287.9
Year 11	91.4	159.0	70.4	76.1	45.3	8.4	4.7	3.2	458.5
Year 10 or below	578.6	360.7	328.7	105.4	162.0	54.1	11.4	16.5	1 617.4
Level not determined	27.1	15.6	16.6	4.6	6.2	*1.7	**0.3	*1.1	73.3
Total(c)	2 218.5	1 660.0	1 298.2	503.1	672.1	152.4	50.8	111.9	6 666.8
	• • • • • • •				• • • • • • •		• • • • • • •	• • • • • •	• • • • • • •
		Г	FEMALES	•					
Postgraduate Degree	82.8	43.8	31.0	8.3	11.3	3.1	*1.1	5.5	186.9
Graduate Diploma/Graduate Certificate	58.0	61.0	31.9	13.3	19.4	3.9	*2.4	6.7	196.7
Bachelor Degree	361.6	309.8	189.0	73.0	96.9	19.5	8.0	28.2	1 086.0
Advanced Diploma/Diploma	209.4	153.2	121.6	39.4	71.1	13.2	3.4	10.4	621.8
Certificate III/IV	203.8	135.4	143.5	47.8	59.5	16.9	6.7	7.9	621.5
Certificate I/II	26.5	17.2	17.5	5.4	4.6	2.1	**0.5	*0.7	74.4
Certificate n.f.d.	*4.0	*3.2	*1.5	*0.9	**0.6	**0.2	**0.2	_	10.6
Year 12	453.5	375.9	293.2	108.4	139.1	23.4	10.9	28.1	1 432.6
Year 11	96.5	194.5	82.6	83.6	68.7	10.3	5.3	4.9	546.5
Year 10 or below	690.5	384.9	390.4	117.4	188.9	63.4	12.7	21.3	1 869.6
Level not determined	37.1	10.7	9.0	*3.1	6.2	*1.3	**0.5	*0.8	68.7
Total(c)	2 229.3	1 692.9	1 311.8	501.4	668.2	157.7	51.7	115.0	6 727.8
		F	PERSONS	3					
Destavaduate Degree	470.0	4440	00.0	40.7	20.5	0.0	*0.7	447	428.8
Postgraduate Degree Graduate Diploma/Graduate Certificate	172.6 99.1	114.3 95.0	68.0 47.8	19.7 21.8	30.5 31.8	6.3 6.6	*2.7 3.7	14.7 10.1	428.8 316.0
Bachelor Degree	688.6	558.9	346.0	133.8	180.0	36.6	13.9	50.6	2 008.3
Advanced Diploma/Diploma	375.1	253.6	210.8	69.1	118.3	22.1	5.9	20.7	2 006.3 1 075.7
Certificate III/IV	656.9	456.8	465.1	161.9	220.2	52.3	20.8	20.7	2 056.5
Certificate I/II	41.8	29.4	26.7	7.9	6.8	3.4	*1.1	*1.3	118.4
Certificate n.f.d.	*5.7	6.0	*3.4	*1.5	*1.4	**0.4	**0.2	**0.2	18.8
Year 12	880.3	708.4	542.4	197.0	272.0	42.7	19.4	58.4	2 720.5
Year 11	187.9	353.5	152.9	159.8	114.0	18.7	10.0	8.1	1 005.0
Year 10 or below	1 269.2	745.6	719.2	222.8	350.9	117.5	24.0	37.8	3 487.0
Level not determined	64.2	26.3	25.6	7.7	12.3	3.0	*0.8	2.0	141.9
	J	_0.5			12.0	0.0	0.0	2.0	
Total(c)	4 447.8	3 352.8	2 610.0	1 004.5	1 340.2	310.1	102.5	226.8	13 394.7

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

<sup>\*\*</sup> 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)

<sup>(</sup>a) The levels of education are not necessarily listed in order from highest to lowest. See paragraphs 24–26 of the Explanatory Notes for more details.

<sup>(</sup>b) Refers to mainly urban areas only. For more information see paragraph 11 of the Explanatory Notes.

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



## ALL PERSONS, Level of highest educational attainment and main field of education(a)—by age

	AGE GROU	JP (YEARS)					
	15–19	20–24	25–34	35–44	45–54	55-64	Total
	'000	'000	'000	'000	'000	'000	'000
• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • •
Level of highest educational attainment(a)							
Postgraduate Degree	np	np	105.2	125.2	106.4	85.5	428.8
Graduate Diploma/Graduate Certificate	np	np	64.3	77.2	105.4	60.4	316.0
Bachelor Degree	np	np	641.5	507.1	405.5	236.4	2 008.3
Advanced Diploma/Diploma	7.8	89.5	267.0	274.8	256.9	179.7	1 075.7
Certificate III/IV	36.7	189.7	480.2	541.1	486.7	322.0	2 056.5
Certificate I/II	6.3	11.7	14.4	21.4	28.9	35.6	118.4
Certificate n.f.d.	*1.5	*1.8	*2.2	*4.2	5.9	*3.3	18.8
Year 12	410.4	635.0	647.2	443.9	355.8	228.1	2 720.5
Year 11	281.4	81.7	145.6	219.5	171.4	105.4	1 005.0
Year 10 or below	623.5	176.6	380.5	687.8	772.9	845.7	3 487.0
Level not determined	*2.6	9.5	28.2	38.2	33.1	30.2	141.9
Main field of education							
Natural and physical sciences	**1.1	25.6	67.5	57.0	45.6	44.6	241.4
Information technology	*2.7	31.3	84.9	57.6	29.2	12.0	217.7
Engineering and related technologies	*5.4	73.5	267.5	339.8	306.4	229.2	1 221.9
Architecture and building	*2.0	31.4	107.2	97.8	91.7	67.6	397.7
Agriculture, environmental and related studies	*1.4	16.2	45.9	43.5	34.7	20.8	162.5
Health	*3.2	40.8	147.1	171.6	184.5	107.7	655.0
Education	*1.5	26.2	98.6	127.7	163.1	106.4	523.5
Management and commerce	12.2	139.2	366.6	306.4	260.1	150.9	1 235.3
Society and culture	10.0	72.7	202.7	207.5	197.0	134.9	824.8
Creative arts	*2.8	35.1	89.2	62.9	40.5	24.8	255.3
Food, hospitality and personal services	11.5	37.0	99.3	90.6	61.4	40.5	340.2
Mixed field programmes(b)	1 316.2	894.2	1 173.3	1 352.4	1 300.1	1 179.4	7 215.5
Field not determined	**0.8	*4.6	26.5	25.7	14.9	13.7	86.2
<b>Total</b> (c)	1 370.9	1 428.8	2 777.9	2 942.7	2 734.1	2 140.2	13 394.7

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

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

np not available for publication but included in totals where applicable, unless otherwise indicated

<sup>(</sup>a) The levels of education are not necessarily listed in order from highest to lowest. See paragraphs 24–26 of the Explanatory Notes for more details.

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

<sup>(</sup>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
• • • • • • • • • • • • • • • • • • • •	• • • • •	• • • • • •		• • • • •		• • • • •	• • • • •	• • • • •	• • • • •
		(	STARTE	RS(b)					
Sex									
Males	42.0	38.6	28.8	11.2	12.8	3.5	*1.3	2.7	140.8
Females	78.5	33.6	41.8	14.3	18.1	5.4	*2.0	3.8	197.6
Age group (years)									
15–19	12.9	*5.8	6.6	*2.2	*3.0	*1.1	np	np	32.1
20–24	26.5	17.2	14.4	4.2	7.2	2.3	*1.0	2.0	74.9
25–34	37.0	23.4	21.1	7.9	8.0	*1.8	*0.9	*1.4	101.7
35–44	26.1	14.6	14.5	4.7	8.5	*1.7	*1.0	*1.5	72.7
45–64	18.0	11.2	14.0	6.3	4.2	*1.9	np	np	56.9
Labour force status									
Full-time workers	56.3	34.6	32.0	10.6	12.4	4.0	*2.4	3.8	156.1
Part-time workers	27.3	19.0	20.8	8.2	9.3	2.0	*0.8	*1.7	89.0
Unemployed	7.8	*2.6	*1.6	*1.3	*2.7	**0.3	_	*0.7	17.0
Not in the labour force	29.2	16.0	16.3	5.3	6.5	2.5	**0.1	**0.4	76.3
Total	120.5	72.2	70.6	25.5	30.9	8.9	3.3	6.5	338.4
Total	120.5	72.2	70.6	25.5	30.9	8.9	3.3	6.5	338.4
Total	120.5	72.2	<b>70.6</b> LEAVEF	• • • • •	30.9	8.9	3.3	6.5	338.4
<b>Total</b> Sex	120.5	72.2	• • • • •	• • • • •	30.9	8.9	3.3	6.5	338.4
• • • • • • • • • • • • • • • • • •	<b>120.5</b>	<b>72.2 </b> 120.4	• • • • •	• • • • •	<b>30.9</b> 45.6	<b>8.9 11.3</b>	<b>3.3 </b> 4.7	<b>6.5 </b> 8.7	<b>338.4 </b> 476.7
Sex	• • • • •		LEAVEF	RS (c)	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •
Sex Males Females	147.7	120.4	103.8	RS (c) 34.5	45.6	11.3	4.7	8.7	476.7
Sex Males	147.7	120.4	103.8	RS (c) 34.5	45.6	11.3	4.7	8.7	476.7
Sex Males Females Age group (years)	147.7 154.1	120.4 117.6	103.8 104.6	34.5 38.7	45.6 49.3	11.3 13.5	4.7 5.7	8.7 11.6	476.7 495.0
Sex Males Females Age group (years) 15–19	147.7 154.1 61.2	120.4 117.6 37.2	103.8 104.6 43.2	34.5 38.7 15.9	45.6 49.3 25.2	11.3 13.5 5.2	4.7 5.7 *1.6	8.7 11.6 3.7	476.7 495.0 193.4
Sex Males Females Age group (years) 15–19 20–24	147.7 154.1 61.2 59.0	120.4 117.6 37.2 58.8	103.8 104.6 43.2 42.0	34.5 38.7 15.9 15.8	45.6 49.3 25.2 21.4	11.3 13.5 5.2 5.4	4.7 5.7 *1.6 *1.0	8.7 11.6 3.7 4.3	476.7 495.0 193.4 207.7
Sex Males Females Age group (years) 15–19 20–24 25–34	147.7 154.1 61.2 59.0 77.0	120.4 117.6 37.2 58.8 54.9	103.8 104.6 43.2 42.0 48.9	34.5 38.7 15.9 15.8 17.1	45.6 49.3 25.2 21.4 17.8	11.3 13.5 5.2 5.4 4.2	4.7 5.7 *1.6 *1.0 3.4	8.7 11.6 3.7 4.3 4.1	476.7 495.0 193.4 207.7 227.6
Sex Males Females Age group (years) 15–19 20–24 25–34 35–44	147.7 154.1 61.2 59.0 77.0 55.7	120.4 117.6 37.2 58.8 54.9 46.4	103.8 104.6 43.2 42.0 48.9 34.5	34.5 38.7 15.9 15.8 17.1 10.6	45.6 49.3 25.2 21.4 17.8 17.1	11.3 13.5 5.2 5.4 4.2 5.2	4.7 5.7 *1.6 *1.0 3.4 *2.0	8.7 11.6 3.7 4.3 4.1 4.3	476.7 495.0 193.4 207.7 227.6 175.6
Sex Males Females Age group (years) 15–19 20–24 25–34 35–44 45–64	147.7 154.1 61.2 59.0 77.0 55.7	120.4 117.6 37.2 58.8 54.9 46.4	103.8 104.6 43.2 42.0 48.9 34.5	34.5 38.7 15.9 15.8 17.1 10.6	45.6 49.3 25.2 21.4 17.8 17.1	11.3 13.5 5.2 5.4 4.2 5.2	4.7 5.7 *1.6 *1.0 3.4 *2.0	8.7 11.6 3.7 4.3 4.1 4.3	476.7 495.0 193.4 207.7 227.6 175.6
Sex Males Females Age group (years) 15–19 20–24 25–34 35–44 45–64 Labour force status	147.7 154.1 61.2 59.0 77.0 55.7 48.8	120.4 117.6 37.2 58.8 54.9 46.4 40.7	103.8 104.6 43.2 42.0 48.9 34.5 39.7	34.5 38.7 15.9 15.8 17.1 10.6 13.7	45.6 49.3 25.2 21.4 17.8 17.1 13.4	11.3 13.5 5.2 5.4 4.2 5.2 4.8	4.7 5.7 *1.6 *1.0 3.4 *2.0 *2.4	8.7 11.6 3.7 4.3 4.1 4.3 3.8	476.7 495.0 193.4 207.7 227.6 175.6 167.3
Sex Males Females  Age group (years) 15–19 20–24 25–34 35–44 45–64  Labour force status Full-time workers Part-time workers Unemployed	147.7 154.1 61.2 59.0 77.0 55.7 48.8 175.8 59.3 26.7	120.4 117.6 37.2 58.8 54.9 46.4 40.7 144.6 53.4 18.5	103.8 104.6 43.2 42.0 48.9 34.5 39.7 127.8 44.5 16.6	34.5 38.7 15.9 15.8 17.1 10.6 13.7 44.9 16.9 5.5	45.6 49.3 25.2 21.4 17.8 17.1 13.4 60.4 19.6 5.0	11.3 13.5 5.2 5.4 4.2 5.2 4.8 13.9 6.5 *1.5	4.7 5.7 *1.6 *1.0 3.4 *2.0 *2.4 7.9 *0.9 **0.4	8.7 11.6 3.7 4.3 4.1 4.3 3.8 14.4 3.6 *0.5	476.7 495.0 193.4 207.7 227.6 175.6 167.3 589.6 204.8 74.7
Sex Males Females  Age group (years) 15–19 20–24 25–34 35–44 45–64  Labour force status Full-time workers Part-time workers	147.7 154.1 61.2 59.0 77.0 55.7 48.8 175.8 59.3	120.4 117.6 37.2 58.8 54.9 46.4 40.7	103.8 104.6 43.2 42.0 48.9 34.5 39.7	34.5 38.7 15.9 15.8 17.1 10.6 13.7	45.6 49.3 25.2 21.4 17.8 17.1 13.4 60.4 19.6	11.3 13.5 5.2 5.4 4.2 5.2 4.8 13.9 6.5	4.7 5.7 *1.6 *1.0 3.4 *2.0 *2.4 7.9 *0.9	8.7 11.6 3.7 4.3 4.1 4.3 3.8	476.7 495.0 193.4 207.7 227.6 175.6 167.3 589.6 204.8

<sup>\*</sup> estimate has a relative standard error of 25% to 50% and should be used with caution

<sup>\*\*</sup> 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)

np not available for publication but included in totals where applicable, unless otherwise indicated

<sup>(</sup>a) Refers to mainly urban areas only. For more information see paragraph 11 of the Explanatory Notes.

<sup>(</sup>b) Refers to persons aged 15–64 years who were not enrolled in a course of study leading to a qualification in 2005 but who were enrolled in a course of study leading to a qualification in May 2006.

<sup>(</sup>c) Refers to persons aged 15–64 years who were enrolled in a course of study leading to a qualification in 2005 but who were not enrolled in a course of study leading to a qualification in May 2006.



	Enrolled	Enrolled	Not	
	full-time	part-time	enrolled	
	in May	in May	in May	
	2006	2006	2006	Total
	'000	'000	'000	'000
• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •
ENROLLED FU	LL-TIME	E IN 20	05	
Full-time workers at May 2006	9.5	24.0	51.7	85.1
Part-time workers at May 2006	355.2	8.8	39.7	403.8
Unemployed at May 2006	62.1	*2.7	29.1	93.9
Not in the labour force at May 2006	486.8	*1.3	25.5	513.7
Total	913.7	36.8	146.0	1 096.5
ENDOLLED DA				• • • • • • •
ENROLLED PA	KI-IIIVII	E IN 20	05	
Full-time workers at May 2006	**0.4	45.2	22.5	68.1
Part-time workers at May 2006	5.7	8.4	12.1	26.2
Unemployed at May 2006	*2.6	*1.3	*5.3	9.1
Not in the labour force at May 2006	*2.8	**0.7	7.5	11.0
Total	11.5	55.7	47.4	114.5
• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •
NOT ENRO	LLED IN	1 2005		
Full-time workers at May 2006	**0.5	*5.3	64.2	70.1
Part-time workers at May 2006	11.3	*1.4	25.2	37.9
Unemployed at May 2006	*2.3	**1.3	17.1	20.6
Not in the labour force at May 2006	9.2	**0.8	21.2	31.2
Total	23.3	8.8	127.7	159.8
• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •
T	OTAL			
Full-time workers at May 2006	10.5	74.4	138.4	223.4
Part-time workers at May 2006	372.3	18.7	77.0	468.0
Unemployed at May 2006	67.0	*5.2	51.5	123.7
Not in the labour force at May 2006	498.8	*2.9	54.2	555.9
Total	948.5	101.3	321.1	1 370.9

<sup>\*</sup> estimate has a relative standard error of 25% to 50% and should be used with caution

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

<sup>(</sup>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.



	Enrolled	Enrolled	Not	
	full-time	part-time	enrolled	
	in May 2006	in May 2006	in May 2006	Total
	2000	2000	2006	TOLAT
	'000	'000	'000	'000
ENROLLED FU	LL-TIM	E IN 20	05	
Full-time workers at May 2006	11.0	13.2	79.5	103.6
Part-time workers at May 2006	168.8	6.0	26.5	201.3
Unemployed at May 2006	8.9	*1.5	11.8	22.3
Not in the labour force at May 2006	110.8	*2.4	9.3	122.6
Total	299.5	23.1	127.2	449.8
• • • • • • • • • • • • • • • • • • • •				• • • • • •
ENROLLED PA	RT-TIMI	E IN 20	05	
Full-time workers at May 2006	**0.2	84.4	64.8	149.4
Part-time workers at May 2006	*3.6	13.1	9.2	25.9
Unemployed at May 2006	**0.5	*1.8	*1.4	*3.7
Not in the labour force at May 2006	*2.4	*5.0	*5.1	12.4
Total	6.6	104.4	80.5	191.5
• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •
NOT ENROL	LLED IN	1 2005		
Full-time workers at May 2006	*3.1	25.6	478.0	506.8
Part-time workers at May 2006	14.8	7.1	87.2	109.2
Unemployed at May 2006	*3.1	**1.2	48.1	52.4
Not in the labour force at May 2006	17.3	*2.7	99.3	119.3
Total	38.3	36.6	712.7	787.6
• • • • • • • • • • • • • • • • • • • •		• • • • • •	• • • • • • •	• • • • • •
T	OTAL			
Full-time workers at May 2006	14.3	123.2	622.3	759.9
Part-time workers at May 2006	187.1	26.3	123.0	336.4
Unemployed at May 2006	12.5	*4.5	61.3	78.3
Not in the labour force at May 2006	130.4	10.1	113.8	254.3
Total	344.4	164.1	920.4	1 428.8

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

<sup>(</sup>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.

### STARTERS(a), Characteristics of current study

	AGE GRO	DUP (YEAR	RS)		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 qualfication							
Postgraduate Degree	np	np	17.4	*4.7	10.2	14.5	24.7
Graduate Diploma/Graduate Certificate	**0.9	*2.5	10.6	*4.5	7.1	11.4	18.5
Bachelor Degree	14.6	23.3	26.7	*5.4	33.2	36.8	70.1
Advanced Diploma/Diploma	*1.6	8.2	30.9	7.9	15.0	33.6	48.5
Certificate III/IV	7.7	20.6	45.4	18.6	40.0	52.3	92.2
Certificate I/II	*2.3	*4.8	9.8	*3.2	6.8	13.3	20.1
Certificate n.f.d.	*2.5	8.9	24.9	8.6	18.0	26.8	44.8
Year 12 or below	np	*1.9	*1.5	np	*2.7	*1.7	*4.4
Level not determined	np	np	7.3	np	7.9	7.1	15.0
Main field of education of current study leading to a qualification							
Natural and physical sciences	**1.0	**1.2	*3.3	**0.7	*1.6	*4.6	6.2
Information technology	**0.5	*1.8	7.7	*1.6	6.9	*4.8	11.7
Engineering and related technologies	*3.9	9.6	11.7	*4.5	24.6	*5.0	29.6
Architecture and building	*1.5	*4.8	7.2	*1.3	11.2	*3.7	14.8
Agriculture, environmental and related studies	**0.4	*1.8	*3.2	*1.5	*2.6	*4.3	6.9
Health	*3.0	7.0	20.9	7.5	10.6	27.8	38.3
Education	*1.9	*4.1	12.7	*4.9	8.3	15.3	23.6
Management and commerce	6.7	18.4	53.8	13.9	35.6	57.1	92.8
Society and culture	*4.5	13.6	38.0	16.7	23.0	49.8	72.8
Creative arts	*3.4	5.7	7.6	*1.9	7.6	11.0	18.6
Food, hospitality and personal services	*2.7	*4.3	*4.3	**0.7	*3.4	8.6	12.1
Mixed field programmes(b)	*1.6	*1.9	*1.8	**0.5	*3.4	*2.3	5.7
Field not determined	**1.1	**0.7	*2.2	**1.3	*2.0	*3.3	*5.3
Total	32.1	74.9	174.4	56.9	140.8	197.6	338.4

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

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

np not available for publication but included in totals where applicable, unless otherwise indicated

<sup>(</sup>a) Refers to persons aged 15–64 years who were not enrolled in a course of study leading to a qualification in 2005 but who were enrolled in a course of study leading to a qualification in May 2006.

<sup>(</sup>b) Includes persons studying for Year 12 or below.



	AGE GRO	OUP (YEAF	RS)	SEX	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 2005 leading to a qualification							
Postgraduate Degree	np	np	44.8	9.3	28.0	30.5	58.5
Graduate Diploma/Graduate Certificate	np	np	22.4	9.6	19.1	19.6	38.7
Bachelor Degree	*2.1	79.9	69.6	8.4	74.5	85.6	160.1
Advanced Diploma/Diploma	6.3	22.9	57.1	21.1	48.6	58.8	107.4
Certificate III/IV	19.3	61.8	108.7	60.8	126.9	123.6	250.5
Certificate I/II	10.3	9.6	28.9	15.5	24.7	39.6	64.3
Certificate n.f.d.	6.7	17.5	58.9	34.4	58.3	59.1	117.5
Year 12 or below	147.5	*1.6	*1.5	**0.7	81.2	70.1	151.2
Level not determined	**0.8	*3.7	11.6	7.4	15.4	8.2	23.5
Main field of education of study in 2005 leading to a qualification							
Natural and physical sciences	**0.2	*5.6	9.7	**1.2	7.2	9.5	16.7
Information technology	**0.9	10.1	25.7	9.9	30.0	16.5	46.5
Engineering and related technologies	*3.7	32.7	40.9	12.7	82.9	7.1	90.0
Architecture and building	*4.1	15.0	17.7	*5.6	34.8	7.6	42.3
Agriculture, environmental and related studies	**1.3	6.8	12.4	*4.0	14.9	9.5	24.4
Health	*3.8	14.7	45.0	17.2	24.3	56.4	80.7
Education	**1.0	9.8	21.0	10.9	12.7	30.1	42.8
Management and commerce	13.9	51.1	134.3	60.4	116.8	142.8	259.6
Society and culture	6.7	30.3	65.4	30.2	37.9	94.8	132.7
Creative arts	*2.7	15.4	10.3	*4.6	14.6	18.5	33.1
Food, hospitality and personal services	7.2	12.8	11.8	6.1	12.9	24.9	37.9
Mixed field programmes(b)	147.8	*1.6	*2.6	**1.1	81.5	71.6	153.1
Field not determined	_	*1.9	6.5	*3.5	6.1	5.7	11.9
Total	193.4	207.7	403.2	167.3	476.7	495.0	971.6

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

<sup>\*\*</sup> 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)

np not available for publication but included in totals where applicable, unless otherwise indicated

<sup>(</sup>a) Refers to persons aged 15–64 years who were enrolled in a course of study leading to a qualification in 2005 but who were not enrolled in a course of study leading to a qualification in May 2006.

<sup>(</sup>b) Includes persons studying for Year 12 or below.



## SCHOOL LEAVERS AGED 15-24 YEARS(a), Transition from education to work—Selected characteristics

LABOUR FORCE STATUS

	Employed	Unemployed	Labour force	Not in labour force	Total
	'000	'000	'000	'000	'000
	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •
Whether attending and level of study in May 2006					
Enrolled in May 2006	93.6	17.6	111.3	52.4	163.7
Study leading to a qualification	92.5	16.5	109.0	48.9	158.0
Bachelor degree or above	41.0	8.4	49.4	33.2	82.6
Advanced diploma/diploma	8.5	**1.2	9.7	*5.2	14.9
Certificate III/IV	30.0	*4.2	34.2	*3.5	37.7
Certificate I/II	*4.5	**0.3	*4.8	*3.6	8.5
Certificate n.f.d.	6.5	*1.7	8.2	*2.3	10.5
Year 12 or below	**0.7	**0.4	**1.2	**0.7	*1.9
Level not determined	**1.2	**0.4	*1.6	**0.3	*1.9
Study not leading to a qualification	**1.1	**1.1	*2.2	*3.5	5.7
Not enrolled in May 2006	88.2	27.1	115.3	23.1	138.4
Highest year of school completed					
Year 12	128.1	24.5	152.6	53.6	206.2
Year 11	18.4	6.7	25.1	*5.3	30.4
Year 10	29.2	9.8	39.0	7.6	46.6
Year 9 or below	6.1	*3.8	9.9	9.1	19.0
Sex					
Males	99.3	24.0	123.2	34.3	157.5
Females	82.6	20.8	103.4	41.2	144.6
Total	181.8	44.7	226.6	75.5	302.1

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

 $<sup>\</sup>star\star$  estimate has a relative standard error greater than 50% and is considered too unreliable for general use

<sup>(</sup>a) Persons aged 15–24 years who attended school in 2004 but were not attending in May 2005.



Full-office   Part-office		LABOUR FO	RCE STATUS					
Applied to enrol in a course of study in 2006   97.4   404.4   501.8   78.7   580.5   514.9   1.085.4   1.082.6   1.					Unemployed			Total
Applied to enrol in a course of study in 2006   97.4   404.4   501.8   78.7   580.5   514.9   1092.6   Studying in May 2006(a)   86.1   393.7   479.7   73.3   553.1   509.6   1082.6   Gained placement but deferred study(b)   8.4   *2.2   *1.5   *1.6   *1.3   *1.8 & *4.0   22.8   TAFE		'000	'000	'000	'000	'000	'000	'000
Studying in May 2006(a)   88.1   393.7   479.7   73.3   558.1   500.6   1062.6     Calined placement but deferred study (b)   8.4   7.2   15.6   *3.1   18.8   *4.0   22.8     TAFE	• • • • • • • • • • • • • • • • • • • •	AC	GED 15-19	YEARS	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •
Studying in May 2006(a)   88.1   393.7   479.7   73.3   558.1   500.6   1062.6     Calined placement but deferred study (b)   8.4   7.2   15.6   *3.1   18.8   *4.0   22.8     TAFE	Applied to enrol in a course of study in 2006	97.4	404.4	501.8	78.7	580.5	514.9	1 095.4
TAFÉ Higher education 14.2 '4.5 '8.8 '*1.6 '7.0 '*1.3 '8.4 Higher education 14.2 '4.5 '8.8 '8.8 '*1.8 '7.0 '*2.0 '11.6 Unable to gain placement on application(b) 14.6 '4.9 '1.3 '8.5 '8.5 '4.2 '8.7 '1.4 '1.0 '7.1 '4.1 Higher education 14.6 '*1.0 '*1.3 '8.6 '4.15 '8.1 '7.1 '*1.3 '4.0 '7.1 '1.1 '8.1 '8.1 '8.1 '8.1 '8.1 '8.1 '8	· ·							
Higher education		8.4		15.6	*3.1	18.8	*4.0	22.8
Unable to gain placement on application(b)         *2.9         *3.5         6.5         *2.2         8.6         *1.4         *1.4         *1.5         *1.5         *1.6         *1.5         *2.7         *1.3         *4.0         *2.7         *1.5         *2.7         *1.5         *1.5         *2.7         *1.5         *1.5         *2.7         *1.5         *1.5         *2.7         *1.3         *4.0         *2.4         *2.5         *2.7         *2.4         *2.5         *2.2         *2.2<								
Higher education *1.0 *1.1 *1.2 *1.3 *1.0 *1.5 *1.5 *1.5 *1.5 *1.5 *1.5 *1.5 *1.5	<u> </u>							
Higher education 1 2006 1 25.9   3.6	_ ::						*1.4	
Did not apply to enrol in a course of study in 2006         125.9         63.6         189.5         45.0         234.6         40.9         275.5           Total         223.4         468.0         691.3         123.7         815.0         555.9         1 370.9           Action of the course of study in 2006         158.9         22.24         VEARS           Applied to enrol in a course of study in 2006         158.9         223.9         382.8         23.1         405.9         156.2         552.0           Studying in May 2006(a)         143.1         221.5         358.6         11.7         376.3         150.8         527.0           Gained placement but deferred study(b)         15.4         5.5         19.3         *3.6         22.9         *5.0         27.9           TAFE         *15.2         *1.9         7.1         *1.1         8.2         *3.6         11.8           Higher education         *24         *2.5         *1.9         *1.8         6.7         *0.3         7.1           TAFE         ***         *1.6         *11.6         *11.6         *16.6         *16.6         *16.8         *24.9         *1.8         6.7         *0.3         7.1           TAFE <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>**1.3</td> <td></td>							**1.3	
AgED 20-24 YEARS           Age D 20-24 YEARS           Applied to enrol in a course of study in 2006         158.9         223.9         382.8         23.1         405.9         156.2         562.0           Studying in May 2006(a)         143.1         215.5         386.6         17.7         376.3         150.8         527.0           Gained placement but deferred study(b)         13.4         5.9         19.3         36.6         22.9         *5.0         27.9           TAFE         *5.2         *1.9         7.1         **1.1         8.2         *3.6         11.8           Higher education         *5.6         *3.0         8.7         *0.4         9.1         *1.4         10.5           TAFE         —         *1.6         *1.6         *0.8         *2.4         —2.5         *4.9         *1.8         6.7         **0.3         7.1           TAFE         —         *1.6         *1.6         *0.8         *2.4         —2.2         *1.6         *1.6         *0.8         *2.4         —2.2         *1.6         *1.6         *0.8         *2.4         —2.2         *1.6         *1.6         *0.8         *2.4         *2.4         *2.2         *1.6 <td><u> </u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	<u> </u>							
A GED 20-24 YEARS  Applied to enrol in a course of study in 2006 148.1 215.5 38.6 17.7 376.3 150.8 527.0 Gained placement but deferred study(b) 13.4 5.9 19.3 *3.6 22.9 *5.0 27.9 TAFE  15.2 *1.9 7.1 ***1.1 8.2 *3.6 11.8 Higher education ***1.4 10.5 17.4 ***1.1 8.2 *3.6 11.8 Higher education ***1.4 10.5 17.4 ***1.1 8.2 *3.6 11.8 Higher education ***1.4 10.5 17.4 ***1.1 8.2 *3.6 11.8 Higher education ***1.4 10.5 17.4 ***1.1 8.2 *3.6 11.8 Higher education ***1.4 10.5 17.4 ***1.1 8.2 *3.6 11.8 Higher education ***1.4 10.5 17.4 ***1.1 8.2 *3.6 11.8 Higher education ***1.4 10.5 17.4 ***1.4 10.5 17.4 ***1.4 10.5 17.4 ***1.4 10.5 17.4 ***1.4 10.5 17.4 ***1.4 10.5 17.4 ***1.4 10.5 17.4 ***1.4 10.5 17.4 ***1.4 10.5 17.4 ***1.4 10.5 17.4 ***1.4 10.5 17.4 ***1.4 10.5 17.4 ***1.4 10.5 17.4 ***1.4 10.5 17.4 ***1.4 10.5 17.4 ***1.4 10.5 17.4 ***1.4 10.5 17.4 ***1.4 10.5 17.4 ***1.4 10.5 17.4 10.4 10.5 17.4 10.4 10.4 10.4 10.4 10.4 10.4 10.4 10	,							
Applied to enrol in a course of study in 2006   158.9   223.9   382.8   23.1   405.9   156.2   562.0   Studying in May 2006(a)   143.1   215.5   358.6   17.7   376.3   150.8   527.0   Gained placement but deferred study(b)   13.4   5.9   19.3   *3.6   22.9   *5.0   27.9   TAFE   *5.2   *1.9   7.1   **1.1   8.2   *3.6   11.8   Higher education   *5.6   *3.0   8.7   **0.4   9.1   *1.4   10.5								
May 2006(a)   May 2006(b)   May 2006(c)   May 1006   May 2006(c)   May 1006   May 2006(c)   May 1006   May 1		ΑC	GED 20-24	YEARS				
Gained placement but deferred study(b)         13.4         5.9         19.3         *3.6         22.9         *5.0         27.9           TAFE         *5.2         *1.9         7.1         **1.1         8.2         *3.6         11.8           Higher education         *5.6         *3.0         8.7         **0.4         9.1         *1.4         10.5           Unable to gain placement on application (b)         *2.4         *2.5         *4.9         *1.8         6.7         **0.8         *2.4         —         *2.4           Higher education         *1.8         **0.9         *2.7         **0.7         *3.4         **0.3         *3.7           Did not apply to enrol in a course of study in 2006         601.0         112.5         713.5         55.2         768.7         98.1         866.8           Total         A general study in 2006         482.4         220.8         703.2         39.4         742.6         183.3         925.9           A general study in 2006         482.4         220.8         703.2         39.4         742.6         183.3         925.9           Studying in May 2006(a)         413.3         191.6         605.0         29.8         634.7 </td <td></td> <td>158.9</td> <td>223.9</td> <td>382.8</td> <td>23.1</td> <td>405.9</td> <td>156.2</td> <td>562.0</td>		158.9	223.9	382.8	23.1	405.9	156.2	562.0
TAFE Higher education								
Higher education								
Unable to gain placement on application(b)         *2.4         *2.5         *4.9         *1.8         6.7         **0.3         7.1           TAFE         —         *1.6         *1.6         **0.8         *2.4         —         *2.4           Higher education         *1.8         **0.9         *2.7         **0.7         *3.4         **0.0         3.3           Did not apply to enrol in a course of study in 2006         60.0         112.5         713.5         55.2         768.7         98.1         866.8           Asymptotic enrol in a course of study in 2006         48.2         220.8         703.2         39.4         742.6         183.3         925.9           Studying in May 2006(a)         413.3         191.6         605.0         29.8         634.7         168.0         802.7           Gained placement but deferred study(b)         49.4         18.5         67.9         5.8         73.7         10.3         84.1           TAFE         16.9         5.7         22.6         *3.8         634.7         168.0         23.3           Higher education         13.3         *5.6         18.9         **0.4         19.3         *1.9         21.2           Unable to gain placement on application(								
TAFE Higher education	<u> </u>							
Did not apply to enrol in a course of study in 2006         601.0         112.5         713.5         55.2         768.7         98.1         866.8           Total         AGED 25-64 YEARS           Agen to enrol in a course of study in 2006         482.4         220.8         703.2         39.4         742.6         183.3         925.9           Studying in May 2006(a)         482.4         220.8         703.2         39.4         742.6         183.3         925.9           Gained placement but deferred study(b)         49.4         18.5         67.9         5.8         73.7         10.3         84.1           TAFE         16.9         5.7         22.6         *3.8         26.4         6.0         32.3           Higher education         19.7         10.7         30.3         *3.8         34.2         *5.0         39.1           TAFE         8.0         5.7         13.7         *18.8         15.5         *3.5         19.0           Higher education         19.7         10.7         30.3         *3.8         34.2         *5.0         39.1           TAFE         8.0         5.7         13.7         *18.8         15.5         *3.5         19.0	9 ,						-	
Age	Higher education	*1.8	**0.9	*2.7	**0.7	*3.4	**0.3	*3.7
Applied to enrol in a course of study in 2006	Did not apply to enrol in a course of study in 2006	601.0	112.5	713.5	55.2	768.7	98.1	866.8
Applied to enrol in a course of study in 2006	Total	759.9	336.4	1 096.3	78.3	1 174.5	254.3	1 428.8
Applied to enrol in a course of study in 2006	• • • • • • • • • • • • • • • • • • • •				• • • • • • • • •	• • • • • • • •	• • • • • • • • • •	• • • • • • • • •
Studying in May 2006(a)         413.3         191.6         605.0         29.8         634.7         168.0         802.7           Gained placement but deferred study(b)         49.4         18.5         67.9         5.8         73.7         10.3         84.1           TAFE         16.9         5.7         22.6         *3.8         26.4         6.0         32.3           Higher education         13.3         *5.6         18.9         **0.4         19.3         *1.9         22.12           Unable to gain placement on application(b)         19.7         10.7         30.3         *3.8         34.2         *5.0         39.1           TAFE         8.0         5.7         13.7         *1.8         15.5         *3.5         19.0           Higher education         7.0         *3.2         10.2         *1.4         11.6         *1.5         13.0           Total         6 057.4         2 001.8         8 059.2         314.5         8 373.7         2 221.3         10 594.9           TOTAL           Applied to enrol in a course of study in 2006         738.8         849.1         1 587.8         141.2         1 729.0         854.4         2 583.4 <t< td=""><td></td><td>AC</td><td>iED 25-64</td><td>YEARS</td><td></td><td></td><td></td><td></td></t<>		AC	iED 25-64	YEARS				
Gained placement but deferred study(b)         49.4         18.5         67.9         5.8         73.7         10.3         84.1           TAFE         16.9         5.7         22.6         *3.8         26.4         6.0         32.3           Higher education         13.3         *5.6         18.9         **0.4         19.3         *1.9         21.2           Unable to gain placement on application(b)         19.7         10.7         30.3         *3.8         34.2         *5.0         39.1           TAFE         8.0         5.7         13.7         *1.8         15.5         *3.5         19.0           Higher education         7.0         *3.2         10.2         *1.4         11.6         *1.5         13.0           Did not apply to enrol in a course of study in 2006         5 575.0         1 781.0         7 356.0         275.1         7 631.0         2 038.0         9 669.0           TOTAL           Higher education a course of study in 2006         738.8         849.1         1 587.8         141.2         1 729.0         854.4         2 583.4           Studying in May 2006(a)         642.5         800.8         1 443.3         120.7         1 564.1         828.4         2 392.	· ·							
TAFE Higher education         16.9 13.3 13.3 13.5 18.9 18.9 19.3 19.3 19.3 14.9 19.3 14.9 19.3 14.9 19.3 14.9 19.3 14.9 19.3 14.9 19.3 14.9 19.3 14.9 19.3 14.9 19.3 14.9 19.3 14.9 19.3 14.9 19.3 14.9 19.3 14.9 19.3 14.9 19.3 14.9 19.3 14.9 19.3 14.9 19.3 14.9 19.3 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0	, , , , , , , , , , , , , , , , , , , ,							
Higher education         13.3         *5.6         18.9         **0.4         19.3         *1.9         21.2           Unable to gain placement on application(b)         19.7         10.7         30.3         *3.8         34.2         *5.0         39.1           TAFE         8.0         5.7         13.7         *1.8         15.5         *3.5         19.0           Higher education         7.0         *3.2         10.2         *1.4         11.6         *1.5         13.0           Did not apply to enrol in a course of study in 2006         5 575.0         1 781.0         7 356.0         275.1         7 631.0         2 038.0         9 669.0           Total         6 057.4         2 001.8         8 059.2         314.5         8 373.7         2 221.3         10 594.9           TOTAL           ***CONTACL**           ***TOTAL**           ***Applied to enrol in a course of study in 2006         738.8         849.1         1 587.8         141.2         1 729.0         854.4         2 583.4           ***Studying in May 2006(a)         642.5         800.8         1 443.3         120.7         1 564.1         828.4         2 392.4           **Gained place								
TAFE Higher education         8.0         5.7         13.7         *1.8         15.5         *3.5         19.0           Did not apply to enrol in a course of study in 2006         5 575.0         1 781.0         7 356.0         275.1         7 631.0         2 038.0         9 669.0           TOTAL           TOTAL           Applied to enrol in a course of study in 2006         738.8         849.1         1 587.8         141.2         1 729.0         854.4         2 583.4           Studying in May 2006(a)         642.5         800.8         1 443.3         120.7         1 564.1         828.4         2 392.4           Gained placement but deferred study(b)         71.3         31.6         102.8         12.6         115.4         19.4         134.8           TAFE         25.4         9.7         35.1         6.4         41.6         10.9         52.5           Higher education         23.2         13.2         36.3         *1.6         38.0         *5.3         43.3           Unable to gain placement on application(b)         25.0         16.7         41.7         7.9         49.5         6.7         56.2           TAFE         9.3         9.5         18.9         *4.1 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
TAFE Higher education         8.0         5.7         13.7         *1.8         15.5         *3.5         19.0           Did not apply to enrol in a course of study in 2006         5 575.0         1 781.0         7 356.0         275.1         7 631.0         2 038.0         9 669.0           TOTAL           TOTAL           Applied to enrol in a course of study in 2006         738.8         849.1         1 587.8         141.2         1 729.0         854.4         2 583.4           Studying in May 2006(a)         642.5         800.8         1 443.3         120.7         1 564.1         828.4         2 392.4           Gained placement but deferred study(b)         71.3         31.6         102.8         12.6         115.4         19.4         134.8           TAFE         25.4         9.7         35.1         6.4         41.6         10.9         52.5           Higher education         23.2         13.2         36.3         *1.6         38.0         *5.3         43.3           Unable to gain placement on application(b)         25.0         16.7         41.7         7.9         49.5         6.7         56.2           TAFE         9.3         9.5         18.9         *4.1 <td>Unable to gain placement on application(b)</td> <td>19.7</td> <td>10.7</td> <td>30.3</td> <td>*3.8</td> <td>34.2</td> <td>*5.0</td> <td>39.1</td>	Unable to gain placement on application(b)	19.7	10.7	30.3	*3.8	34.2	*5.0	39.1
Did not apply to enrol in a course of study in 2006 5 575.0 1 781.0 7 356.0 275.1 7 631.0 2 038.0 9 669.0 Total 6 057.4 2 001.8 8 059.2 314.5 8 373.7 2 221.3 10 594.9 TOTAL  Applied to enrol in a course of study in 2006 738.8 849.1 1 587.8 141.2 1 729.0 854.4 2 583.4 Studying in May 2006(a) 642.5 800.8 1 443.3 120.7 1 564.1 828.4 2 392.4 Gained placement but deferred study(b) 71.3 31.6 102.8 12.6 115.4 19.4 134.8 TAFE 25.4 9.7 35.1 6.4 41.6 10.9 52.5 Higher education 23.2 13.2 36.3 *1.6 38.0 *5.3 43.3 Unable to gain placement on application(b) 25.0 16.7 41.7 7.9 49.5 6.7 56.2 TAFE 9.3 9.5 18.9 *4.1 23.0 *3.5 26.5 Higher education 9.8 *5.4 15.2 *2.5 17.7 *3.1 20.7 Did not apply to enrol in a course of study in 2006 6 301.9 1 957.1 8 259.0 375.3 8 634.2 2 177.0 10 811.3	9 ,							
Total 6 057.4 2 001.8 8 059.2 314.5 8 373.7 2 221.3 10 594.9  TOTAL  Applied to enrol in a course of study in 2006 738.8 849.1 1 587.8 141.2 1 729.0 854.4 2 583.4 Studying in May 2006(a) 642.5 800.8 1 443.3 120.7 1 564.1 828.4 2 392.4 Gained placement but deferred study(b) 71.3 31.6 102.8 12.6 115.4 19.4 134.8 TAFE 25.4 9.7 35.1 6.4 41.6 10.9 52.5 Higher education 23.2 13.2 36.3 *1.6 38.0 *5.3 43.3  Unable to gain placement on application(b) 25.0 16.7 41.7 7.9 49.5 6.7 56.2 TAFE 9.3 9.5 18.9 *4.1 23.0 *3.5 26.5 Higher education 9.8 *5.4 15.2 *2.5 17.7 *3.1 20.7  Did not apply to enrol in a course of study in 2006 6 301.9 1 957.1 8 259.0 375.3 8 634.2 2 177.0 10 811.3	Higher education	7.0	*3.2	10.2	*1.4	11.6	*1.5	13.0
Applied to enrol in a course of study in 2006 738.8 849.1 1 587.8 141.2 1 729.0 854.4 2 583.4 Studying in May 2006(a) 642.5 800.8 1 443.3 120.7 1 564.1 828.4 2 392.4 Gained placement but deferred study(b) 71.3 31.6 102.8 12.6 115.4 19.4 134.8 TAFE 25.4 9.7 35.1 6.4 41.6 10.9 52.5 Higher education 23.2 13.2 36.3 *1.6 38.0 *5.3 43.3 Unable to gain placement on application(b) 25.0 16.7 41.7 7.9 49.5 6.7 56.2 TAFE 9.3 9.5 18.9 *4.1 23.0 *3.5 26.5 Higher education 9.8 *5.4 15.2 *2.5 17.7 *3.1 20.7 Did not apply to enrol in a course of study in 2006 6 301.9 1 957.1 8 259.0 375.3 8 634.2 2 177.0 10 811.3	Did not apply to enrol in a course of study in 2006	5 575.0	1 781.0	7 356.0	275.1	7 631.0	2 038.0	9 669.0
Applied to enrol in a course of study in 2006 738.8 849.1 1 587.8 141.2 1 729.0 854.4 2 583.4 Studying in May 2006(a) 642.5 800.8 1 443.3 120.7 1 564.1 828.4 2 392.4 Gained placement but deferred study(b) 71.3 31.6 102.8 12.6 115.4 19.4 134.8 TAFE 25.4 9.7 35.1 6.4 41.6 10.9 52.5 Higher education 23.2 13.2 36.3 *1.6 38.0 *5.3 43.3 Unable to gain placement on application(b) 25.0 16.7 41.7 7.9 49.5 6.7 56.2 TAFE 9.3 9.5 18.9 *4.1 23.0 *3.5 26.5 Higher education 9.8 *5.4 15.2 *2.5 17.7 *3.1 20.7 Did not apply to enrol in a course of study in 2006 6 301.9 1 957.1 8 259.0 375.3 8 634.2 2 177.0 10 811.3	Total	6 057.4	2 001.8	8 059.2	314.5	8 373.7	2 221.3	10 594.9
Studying in May 2006(a)       642.5       800.8       1 443.3       120.7       1 564.1       828.4       2 392.4         Gained placement but deferred study(b)       71.3       31.6       102.8       12.6       115.4       19.4       134.8         TAFE       25.4       9.7       35.1       6.4       41.6       10.9       52.5         Higher education       23.2       13.2       36.3       *1.6       38.0       *5.3       43.3         Unable to gain placement on application(b)       25.0       16.7       41.7       7.9       49.5       6.7       56.2         TAFE       9.3       9.5       18.9       *4.1       23.0       *3.5       26.5         Higher education       9.8       *5.4       15.2       *2.5       17.7       *3.1       20.7         Did not apply to enrol in a course of study in 2006       6 301.9       1 957.1       8 259.0       375.3       8 634.2       2 177.0       10 811.3	• • • • • • • • • • • • • • • • • • • •				• • • • • • • •	• • • • • • • •	• • • • • • • • • •	• • • • • • • •
Studying in May 2006(a)       642.5       800.8       1 443.3       120.7       1 564.1       828.4       2 392.4         Gained placement but deferred study(b)       71.3       31.6       102.8       12.6       115.4       19.4       134.8         TAFE       25.4       9.7       35.1       6.4       41.6       10.9       52.5         Higher education       23.2       13.2       36.3       *1.6       38.0       *5.3       43.3         Unable to gain placement on application(b)       25.0       16.7       41.7       7.9       49.5       6.7       56.2         TAFE       9.3       9.5       18.9       *4.1       23.0       *3.5       26.5         Higher education       9.8       *5.4       15.2       *2.5       17.7       *3.1       20.7         Did not apply to enrol in a course of study in 2006       6 301.9       1 957.1       8 259.0       375.3       8 634.2       2 177.0       10 811.3	Applied to enrol in a course of study in 2006	738 8			141 2	1 729 0	85 <i>4 4</i>	2 583 4
Gained placement but deferred study(b)       71.3       31.6       102.8       12.6       115.4       19.4       134.8         TAFE       25.4       9.7       35.1       6.4       41.6       10.9       52.5         Higher education       23.2       13.2       36.3       *1.6       38.0       *5.3       43.3         Unable to gain placement on application(b)       25.0       16.7       41.7       7.9       49.5       6.7       56.2         TAFE       9.3       9.5       18.9       *4.1       23.0       *3.5       26.5         Higher education       9.8       *5.4       15.2       *2.5       17.7       *3.1       20.7         Did not apply to enrol in a course of study in 2006       6 301.9       1 957.1       8 259.0       375.3       8 634.2       2 177.0       10 811.3	• • • • • • • • • • • • • • • • • • • •							
Higher education       23.2       13.2       36.3       *1.6       38.0       *5.3       43.3         Unable to gain placement on application(b)       25.0       16.7       41.7       7.9       49.5       6.7       56.2         TAFE       9.3       9.5       18.9       *4.1       23.0       *3.5       26.5         Higher education       9.8       *5.4       15.2       *2.5       17.7       *3.1       20.7         Did not apply to enrol in a course of study in 2006       6 301.9       1 957.1       8 259.0       375.3       8 634.2       2 177.0       10 811.3	, , , ,							
Unable to gain placement on application(b)       25.0       16.7       41.7       7.9       49.5       6.7       56.2         TAFE       9.3       9.5       18.9       *4.1       23.0       *3.5       26.5         Higher education       9.8       *5.4       15.2       *2.5       17.7       *3.1       20.7         Did not apply to enrol in a course of study in 2006       6 301.9       1 957.1       8 259.0       375.3       8 634.2       2 177.0       10 811.3								
TAFE       9.3       9.5       18.9       *4.1       23.0       *3.5       26.5         Higher education       9.8       *5.4       15.2       *2.5       17.7       *3.1       20.7         Did not apply to enrol in a course of study in 2006       6 301.9       1 957.1       8 259.0       375.3       8 634.2       2 177.0       10 811.3					*1.6		*5.3	
Higher education       9.8       *5.4       15.2       *2.5       17.7       *3.1       20.7         Did not apply to enrol in a course of study in 2006       6 301.9       1 957.1       8 259.0       375.3       8 634.2       2 177.0       10 811.3	9 ,							
Did not apply to enrol in a course of study in 2006 6 301.9 1 957.1 8 259.0 375.3 8 634.2 2 177.0 10 811.3								
Total 7 040.6 2 806.2 9 846.8 516.5 10 363.3 3 031.4 13 394.7	<u> </u>							
	Total	7 040.6	2 806.2	9 846.8	516.5	10 363.3	3 031.4	13 394.7

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)
Includes both study leading to a qualification and study not leading to a
qualification.

(b) Includes other educational institutions.

	1996	1998	2000	2002	2004	2005	2006
	'000	'000	'000	'000	'000	'000	'000
• • • • • • • • • • • • • • • • • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •	• • • • •
Sex							
Males	111.4	107.7	121.9	108.6	116.4	145.5	161.9
Females	14.9	16.9	16.3	17.8	17.0	24.4	22.0
Age group (years)							
15–19	67.8	71.4	72.1	67.5	71.5	87.1	86.5
20–24	54.5	47.8	56.4	48.9	50.1	58.1	71.1
25–54	*4.0	5.3	9.7	10.0	11.8	24.7	26.3
Industry							
Manufacturing	30.5	27.1	27.9	24.3	22.6	29.4	38.7
Construction	27.5	30.7	40.5	33.6	43.5	56.9	63.7
Wholesale and retail trade	28.3	31.1	35.2	33.9	29.0	35.4	30.3
Accommodation, cafes and restaurants	8.8	10.0	9.7	9.5	5.4	11.1	13.2
Cultural, recreational, personal and other services	10.6	10.7	12.1	11.9	11.4	13.6	17.0
Other	20.6	14.9	12.8	13.2	21.5	23.5	21.0
Field of trade							
Mechanical and fabrication engineering	18.5	15.4	20.2	17.1	19.7	23.3	32.1
Electrical and electronics	18.5	16.7	21.1	14.5	17.3	26.0	28.0
Construction	23.8	24.8	30.4	26.3	36.0	41.4	45.0
Automotive	21.9	17.7	22.2	23.9	19.6	20.0	21.1
Food	14.0	9.0	12.8	13.0	8.3	12.1	14.2
Hairdressing Other fields	7.8	7.2	10.1	8.1	8.5	10.2	12.0
Other fields	21.9	33.7	21.3	23.5	24.0	36.9	31.4
Commencement of apprenticeship							
Commenced in the last 12 months	36.9	44.5	50.3	49.5	62.9	74.2	75.8
Commenced more than 12 months ago	89.4	80.0	88.0	76.9	70.5	95.8	108.0
Total	126.3	124.5	138.2	126.4	133.4	169.9	183.8

most practical purposes

estimate is subject to sampling variability too high for

(a) Refers to persons aged 15–54 years who were employed as apprentices in the survey month. as apprentices in the survey month.



## SURVEY OF EDUCATION AND WORK, Populations

	Males	Females	Persons
	'000	'000	'000
	• • • • • •		• • • • • •
Population 1 Persons aged 15–64 years excluding institutionalised persons, boarding school pupils and persons permanently unable to work	6 666.8	6 727.8	13 394.7
Population 2 Persons aged 15–64 years who attended an educational institution in 2005	1 499.3	1 594.3	3 093.7
Population 3 Persons aged 15–64 years who attended school in 2005	514.5	500.0	1 014.4
Population 4 Persons aged 15–64 years who attended an education institution other than school in 2005	984.9	1 094.4	2 079.3
Population 5 Leavers from full-time education (aged 15–64 years) at May 2006	252.1	255.1	507.1
Population 6 Persons aged 15–64 years enrolled in a course of study in May 2006	1 127.3	1 265.1	2 392.4
Population 7 Persons aged 15–64 years attending an education institution other than school in May 2006	769.1	908.6	1 677.7
Population 8 Persons aged 15–64 years who have a non-school qualification	3 631.9	3 387.6	7 019.5
Population 9  Persons aged 15–24 years who attended school in 2005 but were not attending school in May 2006	157.5	144.6	302.1
Population 10 Employed persons aged 15–54 years who were apprentices in May 2006	161.9	22.0	183.8
Population 11  Persons aged 15–64 years who were not enrolled in a course of study leading to a qualification in 2005 but who were enrolled in a course of study leading to a qualification in May 2006 (Starters)	140.8	197.6	338.4
Population 12  Persons aged 15–64 years who were enrolled in a course of study leading to a qualification in 2005 but who were not enrolled in a course of study leading to a qualification in May 2006 (Leavers)	476.7	495.0	971.6
Population 13 Persons aged 15–64 years who were enrolled in a course of study leading to a qualification in 2005	1 417.7	1 494.6	2 912.4
Population 14  Persons aged 15–64 years who were enrolled in a course of study leading to a qualification in May 2006	1 081.9	1 197.3	2 279.1
Population 15 Employed persons aged 15–64 years	5 370.7	4 476.1	9 846.8
Population 16 Unemployed persons aged 15–64 years	280.1	236.3	516.5
Population 17 Persons in the labour force aged 15–64 years	5 650.8	4 712.4	10 363.3

#### **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 2006 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).

**5** In October 2003, the ABS began the progressive implementation of computer assisted interviewing (CAI) into the LFS (and its supplementary surveys). Under CAI, interviewers record responses directly onto an electronic questionnaire in a notebook computer.

- **6** In the May 2004 survey, the CAI method was used on a random sub-sample of 40% of survey interviews. The remaining 60% of interviews were conducted using the traditional 'pen and paper' method. In the 2005 and 2006 surveys, the CAI method was used for all survey interviews. The change of interviewing method is not expected to have affected the SEW estimates in any meaningful way.
- survey interviews. The change of interviewing method is not expected to have affected the SEW estimates in any meaningful way.

  7 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
- 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 <a href="http://www.abs.gov.au">http://www.abs.gov.au</a> (Methods, Classifications, Concepts & Standards).
- $\bf 8$  The scope of the supplementary survey was restricted to persons aged 15–64 years and excludes the following persons:
  - members of the permanent defence forces
  - certain diplomatic personnel of overseas governments, customarily excluded from the Census and estimated resident population figures
  - overseas residents in Australia
  - members of non-Australian defence forces (and their dependants)
  - persons permanently unable to work.
- **9** 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.

CAI IMPLEMENTATION

CONCEPTS SOURCES AND METHODS

SCOPE

SCOPE continued

- **10** Boarding school pupils have been excluded from the scope of the 2005 and 2006 SEW, 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.
- **11** 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 will have only a minor impact on any aggregate estimates that are produced for individual states and territories, except the Northern Territory where such persons account for around 23% of the population.
- **12** The estimates in this publication relate to persons covered by the survey in May 2006. In the LFS, coverage rules are applied which aim to ensure that each person is associated with only one dwelling and hence has only one chance of selection in the survey. See *Labour Force, Australia* (cat. no. 6202.0) for more details.

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

- Sampling error is the difference between the published estimate and the value that would have been produced if all dwellings had been included in the survey. For more information see the Technical Note.
- Non-sampling errors are inaccuracies that occur because of imperfections in reporting by respondents and interviewers, and errors made in coding and processing data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers, and efficient processing procedures.
- **14** 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.
- **15** Occupation data are classified according to the ASCO *Australian Standard Classification of Occupations, Second Edition, 1997* (cat. no. 1220.0).
- **16** Industry data are classified according to the *Australian and New Zealand Standard Industrial Classification (ANZSIC), 1993* (cat. no. 1292.0).
- **17** Country of birth data are classified according to the *Standard Australian Classification of Countries (SACC)*, *1998* (cat. no. 1269.0).
- **18** In 2001, the *ABS Classification of Qualifications* (ABSCQ) (cat. no. 1262.0) was replaced by the *Australian Standard Classification of Education* (ASCED) (cat. no. 1272.0). The ASCED is a national standard classification which can be applied to all sectors of the Australian education system including schools, vocational education and training and higher education. ASCED replaces a number of classifications previously used in administrative and statistical systems, including the ABSCQ. The ASCED comprises two classifications: Level of Education and Field of Education.
- **19** Level of Education is defined as a function of the quality and quantity of learning involved in an educational activity. There are nine broad levels, 15 narrow levels and 64 detailed levels. For definitions of these levels see the *Australian Standard Classification of Education* (ASCED), 2001 (cat. no. 1272.0).

COVERAGE

RELIABILITY OF THE ESTIMATES

SEASONAL FACTORS

CLASSIFICATIONS USED

CLASSIFICATION OF EDUCATION

CLASSIFICATION OF EDUCATION continued

- 20 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.
- 21 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.
- **22** 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.
- **23** There are 12 broad fields, 71 narrow fields and 356 detailed fields. For definitions of these fields see the *Australian Standard Classification of Education* (ASCED), 2001 (cat. no. 1272.0).

LEVEL OF HIGHEST
EDUCATIONAL ATTAINMENT

- **24** 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.
- 25 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.

Decision Table: Level of Highest Educational Attainment								
ASCED LEVEL OF EDUCATION CODES	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. (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

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

- **27** 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.
- 28 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.
- **29** Boarding school pupils have been excluded from the scope of the 2005 and 2006 SEW, but were included in earlier collections. See paragraph 10 of the Explanatory Notes for further details.

COMPARABILITY WITH
MONTHLY LFS STATISTICS

**30** Due to differences in the scope and sample size between this supplementary survey and the monthly LFS, the estimation procedure may lead to some small variations between labour force estimates from this survey and those from the LFS.

PREVIOUS SURVEYS

- **31** 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).

**NEXT SURVEY** 

**32** The ABS intends to conduct this survey again in May 2007.

ACKNOWLEDGMENT

**33** ABS publications draw extensively on information provided freely by individuals, businesses, governments and other organisations. Their continued cooperation is very much appreciated: without it, the wide range of statistics published by the ABS would not be available. Information received by the ABS is treated in strict confidence as required by the *Census and Statistics Act* 1905.

RELATED PUBLICATIONS

- **34** Other publications which may be of interest include:
  - A Directory of Education and Training Statistics (cat. no. 1136.0) available on the ABS web site <a href="http://www.abs.gov.au">http://www.abs.gov.au</a>
  - 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 2005 released in February 2006
  - 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.
- **35** Current publications and other products released by the ABS are listed in the *Catalogue of Publications and Products* (cat. no. 1101.0). The Catalogue is available from any ABS office or the ABS web site <a href="http://www.abs.gov.au">http://www.abs.gov.au</a>. The ABS also issues a daily Release Advice on the web site which details products to be released in the week ahead.

# APPENDIX 1 POPULATIONS AND DATA ITEMS LIST

DATA AVAILABLE ON REQUEST	The ABS has a range of data available on request from the Survey of Education and Work. This section lists the data items and populations which relate to the survey. More detailed breakdowns of some data items may also be available on request. These include Industry, Occupation, Level of education and Field of education.				
	The population(s) for a particular data item refers to those persons in the survey to whom the data item relates. Where alternative output categories are available for the same data item, these are shown and the data item name is followed by a bracketed numeral (e.g. Country of birth(2)).				
	For more information about the ABS data available on request, contact Terri Jamieson by email at <terri.jamieson@abs.gov.au> or on Canberra (02)62525267 or facsimile (02)62528013.</terri.jamieson@abs.gov.au>				
Population 1:	Persons aged 15–64 years excluding institutionalised persons, boarding school pupils and persons permanently unable to work				
Population 2:	Persons aged 15-64 years who attended an educational institution in 2005				
Population 3:	Persons aged 15-64 years who attended school in 2005				
Population 4:	Persons aged 15–64 years who attended an educational institution other than a school in 2005				
Population 5:	Leavers from full-time education (aged 15-64 years) at May 2006				
Population 6:	Persons aged 15-64 years enrolled in a course of study in May 2006				
Population 7:	Persons aged 15–64 years attending an educational institution other than a school in May 2006				
Population 8:	Persons aged 15-64 years who have a non-school qualification				
Population 9:	Persons aged 15–24 years who attended school in 2005 but were not attending school in May 2006				
Population 10:	Employed persons aged 15-54 years who were apprentices in May 2006				
Population 11:	Persons aged 15–64 years who were not enrolled in a course of study leading to a qualification in 2005 but who were enrolled in a course of study leading to a qualification in May 2006 (Starters)				
Population 12:	Persons aged 15–64 years who were enrolled in a course of study leading to a qualification in 2005 but who were not enrolled in a course of study leading to a qualification in May 2006 (leavers)				
Population 13:	Persons aged 15–64 years who were enrolled in a course of study leading to a qualification in 2005				
Population 14:	Persons aged 15–64 years who were enrolled in a course of study leading to a qualification in May 2006				
Population 15:	Employed persons aged 15-64 years				
Population 16:	Unemployed persons aged 15-64 years				
Population 17:	Persons in the labour force aged 15-64 years				

	a items	Populations		a items	Populations
1	State or territory of usual residence New South Wales Victoria Queensland South Australia Western Australia Tasmania Northern Territory Australian Capital Territory	Ali	10	Period of arrival in Australia Born in Australia Born overseas Arrived before 1986 Arrived 1986–1990 Arrived 1991–1995 Arrived 1996–2000 Arrived 2001–2005 Arrived 2006  Age group (years)	Ali
2	Area of usual residence State capital city Balance of state/territory	All		15–19 20–24 25–34	
3	Region of usual residence Standard labour force dissemination regions	All		35–44 45–54 55–59 60–64	
4	Sex Males Females	All	10	Note: Alternative age groupings available on request.  Labour force status	1-9.11-14
5	<b>Indigenous status</b> Indigenous Non-indigenous	All	12	In the labour force Employed Full-time workers	1-3,11-14
6	<b>Marital status</b> Married Not married	All		Part-time workers Unemployed Looking for full-time work	
7	Relationship in household Family member Husband, wife or partner With dependants Without dependants Lone parent With dependants	All	13	Looking for part-time work  Not in the labour force  Status in employment in current job Employee Other	15
	Without dependants  Dependent student  Non-dependent child  Other family person  Non-family member  Lone person  Not living alone		14	Occupation  Managers and administrators Professionals Associate professionals Tradespersons and related workers Advanced clerical and service workers Intermediate clerical, sales and service workers	15
8	Relationship not determined  Country of birth (1)  Born in Australia  Born overseas	All		Intermediate production and transport workers Elementary clerical, sales and service workers	
9	Country of birth (2)  Born in Australia  Born overseas  Oceania and Antarctica  North-West Europe	All		Labourers and related workers  Note: While individual four digit occupations are collected, such data are usually subject to very high standard errors.	
	Southern and Eastern Europe North Africa and the Middle East South-East Asia North-East Asia Southern and Central Asia Americas Sub-Saharan Africa Other		15	Occupation of last job  (Categories and codes are the same as those listed above in data item 14 plus the following)  Last job less than 2 years ago  Last job 2 or more years ago  Never had a job	16

Dat	a items	Populations	Dat	a items	Populations
	Industry  Agriculture, forestry and fishing Mining Manufacturing Electricity, gas and water supply Construction Wholesale trade Retail trade Accommodation, cafes and restaurants Transport and storage Communication services Finance and insurance Property and business services Government administration and defence Education Health and community services Cultural and recreational services	Populations 15		Whether attended an educational institution, and level of education of study in 2005 (ASCED)  Attended in 2005  Study leading to a qualification Postgraduate Degree Graduate Diploma/Graduate Certificate Bachelor Degree Advanced Diploma/Diploma Certificate III/IV Certificate I/II Certificate I/II Certificate n.f.d. Year 12 Year 11 Year 10 or below Level not determined Study not leading to a	Populations 1
	Personal and other services  Note: While individual three digit			qualification	
	industries are collected, such data are usually subject to very high		22	Did not attend in 2005  Main field of education of study in	
17	standard errors.  Industry of last job  (Categories and codes are the same as those listed above in data item	16		2005 (ASCED)  Study leading to a qualification  Natural and physical sciences  Information technology  Engineering and related	2,4,5,12,13
	16 plus the following) Last job less than 2 years ago Last job 2 or more years ago Never had a job			technologies Architecture and building Agriculture, environmental and related studies	
18	Under 2 weeks 2 and under 4 weeks 4 and under 8 weeks 8 and under 13 weeks	16		Health Education Management and commerce Society and culture Creative arts	
	13 and under 26 weeks 26 and under 39 weeks 39 and under 52 weeks 52 and under 65 weeks 65 and under 78 weeks			Food, hospitality and personal services Mixed field programmes Field not determined	
	26 and under 39 weeks 39 and under 52 weeks 52 and under 65 weeks 65 and under 78 weeks 78 and under 91 weeks 91 and under 104 weeks		23	services Mixed field programmes Field not determined Study not leading to a qualification Status of course of study	2442
19	26 and under 39 weeks 39 and under 52 weeks 52 and under 65 weeks 65 and under 78 weeks 78 and under 91 weeks	1	23	services Mixed field programmes Field not determined Study not leading to a qualification	2,4,13
19	26 and under 39 weeks 39 and under 52 weeks 52 and under 65 weeks 65 and under 78 weeks 78 and under 91 weeks 91 and under 104 weeks 104 weeks and over  Whether attended an educational institution and type of attendance in 2005  Attended in 2005  Full-time	1	23	services Mixed field programmes Field not determined Study not leading to a qualification Status of course of study undertaken in 2005 Completed qualification studied for in 2005 Identified as highest qualification obtained Identified as not highest qualification obtained Had not completed qualification	2,4,13
	26 and under 39 weeks 39 and under 52 weeks 52 and under 65 weeks 65 and under 78 weeks 78 and under 91 weeks 91 and under 104 weeks 104 weeks and over  Whether attended an educational institution and type of attendance in 2005 Attended in 2005 Full-time Part-time Did not attend in 2005  Whether attended an educational institution and type of institution attended in 2005  Attended in 2005  Attended in 2005 Attended in 2005  Attended in 2005 School	1		services Mixed field programmes Field not determined Study not leading to a qualification Status of course of study undertaken in 2005 Completed qualification studied for in 2005 Identified as highest qualification obtained Identified as not highest qualification obtained Had not completed qualification studied for by May 2006 Attending tertiary institution in May 2006 Not attending in May 2006 Whether attending an educational	2,4,13
	26 and under 39 weeks 39 and under 52 weeks 52 and under 65 weeks 65 and under 78 weeks 78 and under 91 weeks 91 and under 104 weeks 104 weeks and over  Whether attended an educational institution and type of attendance in 2005 Attended in 2005 Full-time Part-time Did not attend in 2005  Whether attended an educational institution and type of institution attended in 2005  Attended in 2005  Attended in 2005  Attended in 2005			services Mixed field programmes Field not determined Study not leading to a qualification Status of course of study undertaken in 2005 Completed qualification studied for in 2005 Identified as highest qualification obtained Identified as not highest qualification obtained Had not completed qualification studied for by May 2006 Attending tertiary institution in May 2006 Not attending in May 2006	2,4,13

Population	a items  Type of school attending in May		Populations	items Whether attending an educational	
	2006 cont.	)	l	institution and type of institution	25
	Not attending school		1	attending in May 2006	
1	Commencement of apprenticeship Commenced in last 12 months Commenced more than 12 months	9		Attending in May 2006 School Higher education TAFE	
	ago			Business college	
1	Industry sector Public	)		Industry skills centre Other institution	
	Private			Not attending in May 2006	
1	Field of trade  Mechanical engineering Fabrication engineering Electrical and electronics Construction Automotive Food Hairdressing Other fields	1	1	Whether attending an educational institution, and level of education of study in May 2006 (ASCED)  Attending in May 2006  Study leading to a qualification Postgraduate Degree  Graduate Diploma/Graduate Certificate	26
	Whether applied to enrol in an educational institution in 2006 and type of institution (unmet	2		Bachelor Degree Advanced Diploma/Diploma Certificate III/IV	
	demand)  Applied to enrol in a course of study in 2006  Studying in May 2006  Gained placement but deferred study			Certificate I/II Certificate n.f.d. Year 12 Year 11 Year 10 or below Level not determined	
	Higher education TAFE			Study not leading to a qualification	
	Other educational institution			Not attending in May 2006	
	Unable to gain placement on application Higher education TAFE Other educational institution		6,7,11,14	Main field of education of study in May 2006 (ASCED) Study leading to a qualification Natural and physical sciences	27
	Did not apply to enrol in a course of study in 2006			Information technology Engineering and related technologies	
	Age at time of leaving full-time	3		Architecture and building	
Age = 15–19yea	education Attending full-time in May 2006 Not attending school			Agriculture, environmental and related studies Health	
	Left at age (in years)  14 and under			Education Management and commerce	
	15–19			Society and culture Creative arts	
	15 16			Food, hospitality and personal	
	17			services	
	18 19			Mixed field programmes Field not determined	
	20–24			Study not leading to a qualification	
	20			Type of school attending in May	28
	21		Age=15-19years	2006	
	22 23			Government	
	23			Non-government Catholic	
				Other	
	Never attended an educational			Other	

Data	a items	Populations	Data	a items	Populations
34	Year last attended an educational institution full-time Attending full-time in May 2006	Age=15–24years	38	Level of highest educational attainment (ASCED) cont. Level not determined	
	Not attending full-time in May 2006 Year last attended full-time Left before 1997 Left in 1997 Left in 1998 Left in 1999 Left in 2000 Left in 2001 Left in 2002 Left in 2003 Left in 2004 Left in 2005 or later		39	Level of highest non-school qualification (ASCED) 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	1
	Never attended an educational institution full-time			Without non-school qualification	
35	Time of leaving full-time education January–May 2005 June 2005 July 2005 August–October 2005 November 2005 December 2005	5	40	Highest year of school completed Year 12 Year 11 Year 10 Year 9 Year 8 or below Never attended school	All
	January–May 2006		41	Main field of highest educational attainment (ASCED)	All
36	Main reason left full-time non-school education Completed course of study Changed to part-time study Employment or financial reasons Family responsibilities, illness, injury, personal reasons Deferred course, lost interest, failed course Course unavailable Other reasons	5		Natural and physical sciences Information technology Engineering and related technologies Architecture and building Agriculture, environmental and related studies Health Education Management and commerce Society and culture Creative arts	
37	Type of school last attended Government	Age=15–24years		Food, hospitality and personal services	
	Non-Government Catholic Other Never attended school		42	Mixed field programmes Field not determined  Year completed highest non-school	
	Not asked (currently at school)			<b>qualification</b> Before 1981	8
38	Level of highest educational attainment (ASCED) Postgraduate Degree Graduate Diploma/Graduate Certificate Bachelor Degree Advanced Diploma/Diploma Certificate III/IV	All		1981–1990 1991–2000 2001 2002 2003 2004 2005 2006	
	Certificate I/II Certificate n.f.d.		43	Number of non-school qualifications obtained	8
	Year 12 Year 11 Year 10 or below			One Two Three or more	-

# 44 Main field of highest non-school qualification (ASCED)

Data items

Natural and physical sciences
Information technology
Engineering and related technologies
Architecture and building
Agriculture, environmental and
related studies
Health

Populations Data items

44 Main field of highest non-school

Populations

qualification (ASCED) cont.

Education

Management and commerce
Society and culture

Creative arts

Food, hospitality and personal services

Mixed field programmes Field not determined

42

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

	cat. no.	Frequency	Latest issue
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 2005
Employee Earnings, Benefits, and Trade Union Membership, Australia	6310.0	Annual	August 2005
Forms of Employment, Australia	6359.0	Irregular	November 2004
Job Search Experience, Australia	6222.0	Annual	July 2006(expected)
Labour Force Experience, Australia	6206.0	Biennial	February 2005
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 2005
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 2005
Working Arrangements, Australia	6342.0	Irregular	November 2003
Work-Related Injuries, Australia	6324.0	Irregular	2005-06(expected)

 $<sup>(</sup>a) \qquad \text{Latest data is for June 2005, available only from data cubes on the ABS web site (cat. no. 6224.0.55.001), \ or on request.}$ 

<sup>(</sup>b) Latest data is July 2001, available on request only.

INTRODUCTION

- 1 Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings, they are subject to sampling variability. That is, they may differ from those estimates that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the standard error (SE), which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three (67%) that a sample estimate will differ by less than one SE from the number that would have been obtained if all dwellings had been included, and about 19 chances in 20 (95%) that the difference will be less than two SEs. Another measure of the likely difference is the relative standard error (RSE), which is obtained by expressing the SE as a percentage of the estimate.
- **2** Due to space limitations, it is impractical to print the SE of each estimate in the publication. Instead, a table of SEs is provided to enable readers to determine the SE for an estimate from the size of that estimate (see table T1). Each SE table is derived from a mathematical model, referred to as the "SE model", which is created using the data collected in this survey. It should be noted that the SE model only gives an approximate value for the SE for any particular estimate, since there is some minor variation among SEs for different estimates of the same size.

CALCULATION OF STANDARD ERROR

**3** An example of the calculation and the use of SEs in relation to estimates of persons is as follows. Table 4 shows that the estimated number of persons aged 20–24 years enrolled for a qualification in Management and commerce was 132,600. Since this estimate is between 100,000 and 150,000, table T1 shows that the SE for Australia will lie between 5,950 and 7,200 and can be approximated by interpolation using the following general formula:

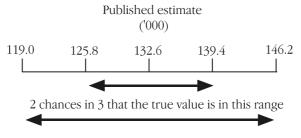
SE of estimate
$$= lower SE + \left( \left( \frac{size \ of \ estimate - lower \ estimate}{upper \ estimate - lower \ estimate} \right) \times (upper SE - lower SE) \right)$$

$$= 5,950 + \left( \left( \frac{132,600 - 100,000}{150,000 - 100,000} \right) \times (7,200 - 5,950) \right)$$

$$= 6,765$$

$$= 6,800 \ (rounded \ to \ the \ nearest \ 100)$$

**4** Therefore, there are about two chances in three that the value that would have been produced if all dwellings had been included in the survey will fall within the range 125,800 to 139,400 and about 19 chances in 20 that the value will fall within the range 119,000 to 146,200. This example is illustrated in the diagram below.



19 chances in 20 that the true value is in this range

**5** In general, the size of the SE increases as the size of the estimate increases. Conversely, the RSE decreases as the size of the estimate increases. Very small estimates are thus subject to such high RSEs that their value for most practical purposes is unreliable. In the tables in this publication, only estimates with RSEs of 25% or less are considered reliable for most purposes. Estimates with RSEs greater than 25% but less

CALCULATION OF STANDARD ERROR continued

than or equal to 50% are preceded by an asterisk (e.g. \*3.4) to indicate they are subject to high SEs and should be used with caution. Estimates with RSEs of greater than 50%, preceded by a double asterisk (e.g. \*\*0.3), are considered too unreliable for general use and should only be used to aggregate with other estimates to provide derived estimates with RSEs of 25% or less.

PROPORTIONS AND PERCENTAGES

**6** Proportions and percentages formed from the ratio of two estimates are also subject to sampling errors. The size of the error depends on the accuracy of both the numerator and the denominator. A formula to approximate the RSE of a proportion is given below. This formula is only valid when x is a subset of y.

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

7 For example, in table 4 the estimate for the total number of persons aged 20–24 years enrolled for a qualification is 508,500. The estimated number of persons aged 20–24 years enrolled for a qualification in Management and commerce was 132,600, so the proportion of persons aged 20–24 years enrolled in Management and commerce is 132,600/508,500 or 26.1%. The SE of the total number of persons aged 20–24 years enrolled for a qualification may be calculated by interpolation as 12,700 (rounded to the nearest 100). To convert this to an RSE we express the SE as a percentage of the estimate, or 12,700/508,500 = 2.5%. The SE for the number of persons aged 20–24 years enrolled for a qualification in Management and commerce was calculated above as 6,800, which converted to an RSE is 6,800/132,600 = 5.1%. Applying the above formula, the RSE of the proportion is below, giving an SE for the proportion (25.2%) of 1.1 percentage points (=26.1\*0.044).

 $RSE = \sqrt{(5.1)^2 - (2.5)^2} = 4.4\%$ 

**8** Therefore, there are about two chances in three that the proportion of persons aged 20–24 years enrolled for a qualification in Management and commerce is between 25.0% and 27.2% and 19 chances in 20 that the proportion is within the range 23.9% to 28.3%.

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

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

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

DIFFERENCES

STANDARD ERRORS

### T1 STANDARD ERRORS OF ESTIMATES

									AUST.	
Size of Estimate	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	SE	RSE
(persons)	no.	no.	no.	no.	no.	no.	no.	no.	no.	%
100	200	190	180	130	140	100	130	90	160	160.0
200	290	280	250	190	200	150	180	130	230	115.0
300	360	340	310	240	250	190	220	170	290	96.7
500	470	440	400	310	330	250	290	230	390	78.0
700	560	520	470	370	390	290	340	270	470	67.1
1,000	680	620	570	440	470	350	410	330	570	57.0
1,500	840	760	690	540	580	430	510	400	700	46.7
2,000	970	870	800	630	670	500	590	470	820	41.0
2,500	1 100	950	900	700	750	550	650	500	900	36.0
3,000	1 200	1 050	1 000	750	850	600	750	550	1 000	33.3
3,500	1 300	1 150	1 050	850	900	650	800	600	1 100	31.4
4,000	1 350	1 200	1 150	900	950	700	900	650	1 200	30.0
5,000	1 550	1 350	1 250	1 000	1 050	750	1 000	700	1 350	27.0
7,000	1 800	1 600	1 500	1 150	1 250	900	1 200	850	1 600	22.9
10,000	2 150	1 900	1 800	1 400	1 500	1 050	1 500	950	1 900	19.0
15,000	2 650	2 300	2 200	1 700	1 800	1 300	1 900	1 150	2 350	15.7
20,000	3 050	2 650	2 500	1 950	2 100	1 450	2 300	1 250	2 700	13.5
30,000	3 700	3 200	3 050	2 350	2 550	1 750	3 000	1 450	3 300	11.0
40,000	4 250	3 700	3 550	2 650	2 900	2 000	3 600	1 600	3 800	9.5
50,000	4 750	4 100	3 950	2 950	3 200	2 200	4 150	1 750	4 250	8.5
100,000	6 600	5 650	5 500	4 100	4 400	2 900	6 650	2 200	5 950	6.0
150,000	8 000	6 800	6 700	4 900	5 250	3 450	8 750	2 450	7 200	4.8
200,000	9 150	7 750	7 700	5 600	5 950	3 850	10 750	2 650	8 250	4.1
300,000	11 000	9 350	9 350	6 700	7 050	4 550		2 950	10 000	3.3
500,000	13 950	11 800	11 950	8 350	8 750	5 550			12 650	2.5
1,000,000	19 050	16 100	16 650	11 300	11 700				17 400	1.7
2,000,000	25 950	21 950	23 150	15 200	15 450				23 750	1.2
5,000,000	38 750	32 850	35 700						35 450	0.7
10,000,000									47 700	0.5

.. not applicable

# T2 CUTOFFS FOR RELATIVE STANDARD ERRORS(a)

	NSW	Vic	Qld	SA	WA	Tas.	NT	ACT	Aust.
	no.								
RSE OF 25%	7 563	5 898	5 131	3 143	3 664	1 972	2 942	1 739	5 646
RSE OF 30%	5 257	4 139	3 570	2 187	2 538	1 375	1 954	1 207	3 862
RSE OF 35%	3 857	3 064	2 625	1 606	1 854	1 010	1 396	877	2 793
RSE OF 40%	2 945	2 359	2 010	1 226	1 408	771	1 051	660	2 104
RSE OF 45%	2 319	1 872	1 587	966	1 103	606	821	510	1 636
RSE OF 50%	1 870	1 521	1 285	779	885	488	662	402	1 305

(a) Refers to the number of persons contributing to the estimate.

#### 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 Australian Apprenticeship Scheme.

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 *Australian Standard Classification of Education (ASCED)*, 2001 (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 *Australian Standard Classification of Education (ASCED)*, 2001 (cat. no. 1272.0), Level of Education classification.

Country of birth

Country of birth has been classified according to the *Standard Australian Classification* of *Countries (SACC)*, 1998 (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:

- 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:
  - 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.

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 *Australian Standard Classification of Education (ASCED)*, 2001 (cat. no. 1272.0) Field of Education classification.

Field of trade

Refers to the occupation of an apprentice and is classified to the ASCO – Australian Standard Classification of Occupations, Second Edition, 1997 (cat. no. 1220.0) Unit Group.

Full-time workers

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.

#### **GLOSSARY** continued

Higher education institution An A

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 August 1994, Industry has been classified according to the *Australian and New Zealand Standard Industrial Classification (ANZSIC)*, 1993 (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 *Australian Standard Classification of Education (ASCED)*, 2001 (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 24–26 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

Classified according to the ASCO – Australian Standard Classification of Occupations, Second Edition, 1997 (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.

Part-time workers

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.

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.

### **GLOSSARY** continued

Reference week The week preceding the week in which the interview was conducted.

> 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.

Persons aged 15 years and over who were not employed during the reference week, and: 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.

Unemployed

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