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CONTENTS

	<i>page</i>
Notes	2
Summary of findings	3
TABLES	
List of tables	5
Persons aged 15–24	6
Persons aged 15–24 studying for a recognised qualification	14
Persons aged 15–19	18
Persons aged 15–24 (selected years)	18
Main survey populations	19
ADDITIONAL INFORMATION	
Explanatory Notes	20
Technical Notes	23
Glossary	27
Data items from this survey	31

- For more information about these and related statistics, contact Leo Stinson on Canberra 02 6252 7793, or the National Information Service on 1300 135 070.

NOTES

SCOPE The statistics in this publication relate to persons aged 15–24 in September 1999.

SYMBOLS AND OTHER USAGES

ABS	Australian Bureau of Statistics
ABSCQ	Australian Bureau of Statistics Classification of Qualifications
LFS	labour force survey
RSE	relative standard error
SE	standard error
TAFE	Technical and Further Education
*	subject to sampling variability of 25% to less than 50%
**	subject to sampling variability of 50% or higher
. .	not applicable

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

For information about other ABS statistics and services, refer to the back of this publication.

W. McLennan
Australian Statistician

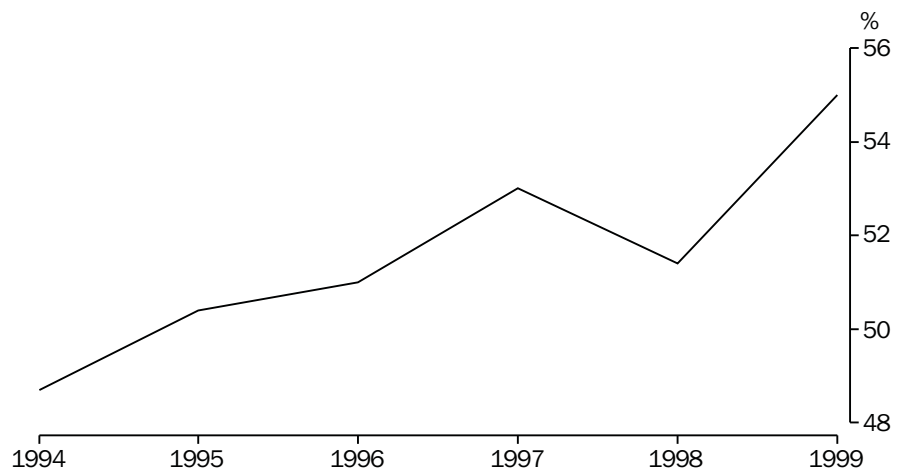
SUMMARY OF FINDINGS

GENERAL PATTERNS

In September 1999, 55% (1,456,500) of persons aged 15–24 years were participating in education. In 1994, the education participation rate was 49%.

There were 11% (144,700) more students in total in September 1999 than in 1994. School student numbers were 5% (37,300) higher and tertiary student numbers up by 17% (107,400). Increases in full-time attendance (24% or 92,400) accounted for most of the movement in tertiary student numbers (table 7).

PERSONS AGED 15–24, EDUCATION PARTICIPATION RATES



Some 734,700 persons aged 15–24 were attending school, 425,900 persons were attending higher education institutions, and 237,100 persons were at Technical and Further Education (TAFE) institutions. The remaining 58,900 persons were at business colleges, industry skills centres or other educational institutions (table 1).

STATE OF RESIDENCE

The education participation rate for 15–24-year-olds was highest in the Australian Capital Territory and Victoria at 59%, while New South Wales (57%) was also above the national average of 55% (table 3).

COUNTRY OF BIRTH

Of 15–24-year-olds born overseas, 62% were attending an educational institution in September 1999, compared to 53% of persons born in Australia (table 4).

SCHOOL PARTICIPATION FOR PERSONS AGED 15–19

The school participation rate of persons aged 15–19 years is 1% higher in 1999 than in 1994, and is currently at its highest rate (55%) for this period (table 7).

TERTIARY PARTICIPATION

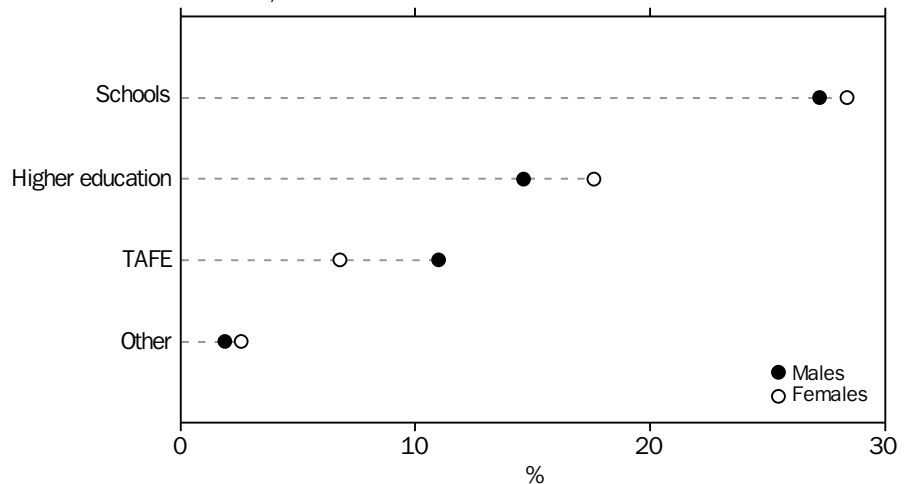
Participation rates in tertiary education by 15–24-year-olds went from 23% in 1994 to 27% in 1999 (table 7). Two-thirds of all tertiary students were employed, with 40% of these working 35 hours or more per week (table 2).

EDUCATIONAL INSTITUTIONS

There were 425,900 higher education students aged 15–24 years in September 1999, 75,000 more than in September 1993 and 55,800 more than in 1996. TAFE students numbered 237,100 in September 1999, a decrease of 4,300 from the 1993 figure and 3,400 less than in 1996 (table 13).

Some 735,100 males and 721,300 females aged 15–24 were attending educational institutions in September 1999. There were 32,500 more females than males in higher education institutions (table 13).

PERSONS AGED 15–24, PROPORTION IN EDUCATION — SEPTEMBER 1999



STUDY FOR A RECOGNISED EDUCATIONAL QUALIFICATION

In September 1999, 674,700 persons were studying for a recognised educational qualification at a tertiary institution, 59% (398,600) of whom were studying for a bachelor degree or higher qualification. A further 24% (165,200) were in vocational courses, and 13% (90,700) were studying for an undergraduate or associate diploma (table 9).

Of the 276,200 former non-government school students studying for a recognised educational qualification at a tertiary institution, 69% were studying for a bachelor degree or higher qualification. The equivalent proportion for former government school students was 52% (table 8).

TYPE OF SCHOOL LAST ATTENDED

Of participants in higher education seeking a recognised educational qualification, 53% had attended government schools. In comparison, the figure for TAFE was 71%. Overall, 59% of participants in tertiary education seeking a recognised qualification had attended government schools (table 8).

MIXING WORK AND EDUCATION

Of the 225,100 female tertiary students who were employed in September 1999, 60,000 (27%) were working full-time and studying part-time, and 135,000 (60%) were working part-time and studying full-time. Of the 244,900 male tertiary students who were employed, 113,000 (46%) were working full-time and studying part-time, and 106,700 (44%) were working part-time and studying full-time (table 6).

LIST OF TABLES

		<i>page</i>
PERSONS AGED 15–24	1 Whether attending an educational institution, type of institution attending, type of attendance, age and sex	6
	2 Whether attending an educational institution, type of institution attending, type of attendance, labour force status and age	7
	3 Whether attending an educational institution, type of institution attending, age and States and Territories	8
	4 Whether attending an educational institution, birthplace and type of educational institution attending	10
	5 Attending a tertiary institution, type of institution attending, type of attendance, type of school last attended and sex	10
	6 Attending a tertiary institution, sex, type of school last attended, labour force status and type of attendance	11
	7 Whether attending an educational institution, type of institution attending, type of attendance, age and education participation rate, September 1994 to September 1999	12
PERSONS AGED 15–24 STUDYING FOR A RECOGNISED EDUCATIONAL QUALIFICATION	8 Attending a tertiary institution to gain a recognised educational qualification, type of institution attending, level of course, type of school last attended and sex	14
	9 Attending a tertiary institution to gain a recognised educational qualification, type of institution attending, level of course, age and sex	15
	10 Attending a tertiary institution to gain a recognised educational qualification, level of course, labour force status and sex	15
	11 Whether attending an educational institution to gain a recognised educational qualification, type of institution attending, type of attendance and age, May 1997 to May 1999 and September 1997 to September 1999	16
PERSONS AGED 15–19	12 Attending school, age, type of school attending and sex	18
PERSONS AGED 15–24 (SELECTED YEARS)	13 Attending an educational institution, type of institution attending and sex, September 1993, September 1996 and September 1999	18
MAIN SURVEY POPULATIONS	14 Main survey populations by States and Territories	19

1. PERSONS AGED 15 TO 24: EDUCATIONAL ATTENDANCE BY AGE
(*000)

Educational attendance	Aged										Total
	15	16	17	18	19	20	21	22	23	24	
MALES											
Attending education in September	130.2	121.8	103.8	86.3	69.1	63.8	50.7	40.6	37.6	31.3	735.1
Full-time	130.2	118.1	92.3	67.8	43.9	44.3	31.3	28.8	21.1	15.6	593.5
Part-time	** 0.0	* 3.7	11.5	18.5	25.2	19.5	19.4	11.8	16.5	15.7	141.6
At a school	128.9	116.3	84.1	33.2	* 1.4	** 0.3	** 0.0	** 0.1	** 0.0	** 0.4	364.7
In tertiary education	* 1.3	5.5	19.7	53.1	67.7	63.5	50.7	40.5	37.6	30.9	370.5
Full-time	* 1.3	* 2.0	8.2	34.6	42.5	44.0	31.3	28.7	21.1	15.6	229.4
Part-time	** 0.0	* 3.5	11.5	18.5	25.2	19.5	19.4	11.8	16.5	15.3	141.1
Higher education	** 0.3	** 0.6	* 2.1	24.4	33.9	37.6	28.1	28.2	23.4	18.3	196.7
Full-time	** 0.3	** 0.6	* 1.8	24.1	32.7	36.0	24.2	24.6	17.8	11.1	173.1
Part-time	** 0.0	** 0.0	** 0.3	** 0.2	* 1.2	* 1.5	* 3.9	* 3.6	5.6	7.2	23.5
TAFE	* 1.0	* 4.4	16.8	26.0	30.0	24.3	20.0	8.8	10.1	6.6	148.2
Full-time	* 1.0	* 0.9	5.6	9.5	8.3	6.8	6.1	* 3.2	* 2.5	* 2.4	46.4
Part-time	** 0.0	* 3.5	11.2	16.6	21.7	17.5	13.9	5.6	7.6	* 4.2	101.8
Other(a)	** 0.0	** 0.5	** 0.8	* 2.7	* 3.8	* 1.6	* 2.6	* 3.5	* 4.1	6.1	25.6
Not attending in September	5.4	15.8	31.5	47.5	62.8	68.0	82.7	91.9	97.0	105.3	607.9
Total	135.7	137.6	135.3	133.7	131.9	131.8	133.4	132.5	134.6	136.6	1,343.0
FEMALES											
Attending education in September	126.6	121.5	111.7	82.8	68.5	62.2	44.5	37.9	35.2	30.3	721.3
Full-time	125.8	118.7	108.0	72.3	57.0	51.9	31.0	25.1	18.4	14.9	623.2
Part-time	** 0.8	* 2.9	* 3.7	10.5	11.5	10.4	13.5	12.8	16.7	15.3	98.1
At a school	125.7	115.7	100.0	26.0	* 1.0	** 0.6	** 0.4	** 0.6	** 0.0	** 0.0	370.0
In tertiary education	* 0.9	5.8	11.7	56.8	67.6	61.6	44.1	37.3	35.2	30.3	351.4
Full-time	** 0.1	* 3.1	8.1	46.3	56.1	51.3	30.7	24.5	18.4	14.9	253.4
Part-time	** 0.8	* 2.8	* 3.6	10.5	11.5	10.4	13.5	12.8	16.7	15.3	97.9
Higher education	** 0.0	** 0.4	* 5.0	33.5	46.7	44.9	32.3	24.0	22.4	20.0	229.2
Full-time	** 0.0	** 0.4	* 4.7	32.0	44.3	41.9	25.7	20.3	15.8	12.1	197.2
Part-time	** 0.0	** 0.0	** 0.3	* 1.5	* 2.4	* 3.0	6.6	* 3.6	6.6	8.0	32.1
TAFE	* 0.9	* 4.3	5.6	17.4	15.2	13.0	7.4	9.3	10.1	5.9	88.9
Full-time	** 0.1	* 2.0	* 2.7	11.2	9.8	7.6	* 3.2	* 3.0	* 2.6	* 1.8	43.9
Part-time	** 0.8	* 2.3	* 2.9	6.1	5.5	5.4	* 4.2	6.3	7.5	* 4.0	45.0
Other(a)	** 0.0	* 1.1	* 1.2	6.0	5.6	* 3.7	* 4.5	* 4.1	* 2.7	* 4.4	33.3
Not attending in September	* 3.4	9.4	17.6	46.1	59.3	66.8	84.4	92.6	97.0	105.3	581.8
Total	130.0	130.9	129.3	128.9	127.8	129.1	128.9	130.5	132.2	135.6	1,303.2
PERSONS											
Attending education in September	256.8	243.3	215.5	169.1	137.6	126.0	95.2	78.5	72.8	61.5	1,456.5
Full-time	256.1	236.8	200.2	140.1	100.9	96.2	62.3	53.9	39.6	30.5	1,216.7
Part-time	** 0.8	6.5	15.2	29.0	36.7	29.8	32.8	24.6	33.2	31.0	239.8
At a school	254.6	232.0	184.0	59.2	* 2.4	* 0.9	** 0.4	** 0.7	** 0.0	** 0.4	734.7
In tertiary education	* 2.2	11.3	31.4	109.9	135.2	125.1	94.8	77.8	72.8	61.2	721.8
Full-time	* 1.4	* 5.1	16.3	80.9	98.5	95.3	62.0	53.2	39.6	30.5	482.8
Part-time	** 0.8	6.2	15.1	29.0	36.7	29.8	32.8	24.6	33.2	30.6	239.0
Higher education	** 0.3	* 1.0	7.0	57.9	80.6	82.5	60.4	52.1	45.8	38.3	425.9
Full-time	** 0.3	* 1.0	6.5	56.2	77.0	78.0	49.9	44.9	33.6	23.1	370.3
Part-time	** 0.0	** 0.0	** 0.6	* 1.7	* 3.6	* 4.5	10.5	7.2	12.3	15.2	55.6
TAFE	* 1.9	8.7	22.4	43.4	45.3	37.3	27.4	18.1	20.2	12.5	237.1
Full-time	* 1.1	* 2.9	8.3	20.7	18.1	14.4	9.4	6.2	* 5.1	* 4.2	90.3
Part-time	** 0.8	5.8	14.1	22.7	27.2	22.9	18.0	11.9	15.1	8.2	146.7
Other(a)	** 0.0	* 1.7	* 2.0	8.6	9.4	5.4	7.0	7.6	6.8	10.4	58.9
Not attending in September	8.8	25.2	49.1	93.6	122.0	134.8	167.1	184.4	194.0	210.7	1,189.7
Total	265.6	268.5	264.6	262.7	259.7	260.9	262.3	263.0	266.8	272.2	2,646.2

(a) Includes business colleges, industry skills centres and other educational institutions.

2. PERSONS AGED 15 TO 24: EDUCATIONAL ATTENDANCE AND LABOUR FORCE STATUS

<i>Educational attendance</i>	<i>Employed full-time</i>	<i>Employed part-time</i>	<i>Employed total</i>	<i>Unemployed</i>	<i>In the labour force</i>	<i>Not in labour force</i>	<i>Total</i>	<i>Unemployment rate</i>	<i>Participation rate</i>
	'000	'000	'000	'000	'000	'000	'000	per cent	per cent
PERSONS AGED 15 TO 19									
Attending education in September	70.6	346.8	417.4	105.7	523.1	499.3	1,022.4	20.2	51.2
Full-time	* 5.0	334.2	339.3	99.2	438.5	495.7	934.1	22.6	46.9
Part-time	65.6	12.6	78.1	6.5	84.6	* 3.6	88.3	7.7	95.9
At a school	** 0.3	230.1	230.4	77.7	308.1	424.2	732.3	25.2	42.1
In tertiary education	70.3	116.7	187.0	28.0	215.0	75.1	290.1	13.0	74.1
Full-time	* 4.9	104.3	109.2	21.5	130.7	71.5	202.2	16.5	64.6
Part-time	65.5	12.4	77.8	6.4	84.3	* 3.6	87.9	7.6	95.9
Higher education	* 4.1	81.5	85.6	10.9	96.5	50.3	146.8	11.3	65.7
Full-time	* 1.6	79.3	80.9	10.4	91.3	49.5	140.9	11.4	64.8
Part-time	* 2.5	* 2.1	* 4.6	** 0.5	5.2	** 0.8	5.9	** 10.0	87.1
TAFE	59.3	28.7	87.9	14.1	102.0	19.6	121.7	13.8	83.9
Full-time	* 3.0	20.3	23.2	9.6	32.8	18.2	51.1	29.3	64.3
Part-time	56.3	8.4	64.7	* 4.5	69.2	* 1.4	70.6	* 6.5	98.0
Other(a)	6.9	6.6	13.5	* 2.9	16.4	5.2	21.7	* 17.7	75.9
Not attending in September	156.4	54.5	210.9	53.7	264.6	34.1	298.7	20.3	88.6
Total	227.0	401.3	628.3	159.4	787.7	533.4	1,321.1	20.2	59.6
PERSONS AGED 20 TO 24									
Attending education in September	119.8	164.3	284.1	31.6	315.8	118.3	434.1	10.0	72.7
Full-time	12.3	138.3	150.6	23.0	173.6	109.0	282.6	13.3	61.4
Part-time	107.5	26.0	133.5	8.6	142.2	9.3	151.5	6.1	93.8
At a school	** 0.0	* 1.1	* 1.1	** 0.3	* 1.4	* 1.0	* 2.4	** 19.9	* 59.1
In tertiary education	119.8	163.2	283.0	31.4	314.4	117.4	431.7	10.0	72.8
Full-time	12.3	137.4	149.6	22.9	172.6	108.0	280.6	13.3	61.5
Part-time	107.5	25.8	133.4	8.4	141.8	9.3	151.1	6.0	93.8
Higher education	41.3	133.7	175.0	17.4	192.4	86.7	279.1	9.0	68.9
Full-time	8.8	119.2	128.0	16.1	144.1	85.3	229.4	11.2	62.8
Part-time	32.5	14.6	47.1	* 1.3	48.3	* 1.4	49.7	* 2.6	97.2
TAFE	59.5	23.5	83.0	9.0	91.9	23.5	115.4	9.8	79.7
Full-time	* 1.8	14.0	15.9	* 5.0	20.9	18.4	39.3	* 23.9	53.2
Part-time	57.6	9.4	67.1	* 4.0	71.1	* 5.1	76.1	* 5.6	93.3
Other(a)	19.0	6.0	25.0	* 5.0	30.0	7.2	37.2	* 16.7	80.7
Not attending in September	603.2	108.5	711.7	86.2	797.9	93.1	891.0	10.8	89.6
Total	723.0	272.9	995.8	117.8	1,113.7	211.4	1,325.1	10.6	84.0
TOTAL									
Attending education in September	190.4	511.1	701.5	137.3	838.9	617.6	1,456.5	16.4	57.6
Full-time	17.3	472.5	489.9	122.2	612.0	604.7	1,216.7	20.0	50.3
Part-time	173.1	38.6	211.7	15.2	226.8	12.9	239.8	6.7	94.6
At a school	** 0.3	231.2	231.5	78.0	309.5	425.1	734.7	25.2	42.1
In tertiary education	190.1	279.9	470.0	59.3	529.3	192.5	721.8	11.2	73.3
Full-time	17.1	241.7	258.8	44.5	303.3	179.6	482.8	14.7	62.8
Part-time	173.0	38.2	211.2	14.9	226.1	12.9	239.0	6.6	94.6
Higher education	45.4	215.2	260.6	28.3	288.9	137.0	425.9	9.8	67.8
Full-time	10.4	198.5	208.9	26.5	235.4	134.9	370.3	11.3	63.6
Part-time	35.0	16.7	51.7	* 1.8	53.5	* 2.1	55.6	* 3.3	96.2
TAFE	118.7	52.1	170.9	23.1	194.0	43.1	237.1	11.9	81.8
Full-time	* 4.8	34.3	39.1	14.6	53.7	36.6	90.3	27.2	59.5
Part-time	113.9	17.8	131.7	8.5	140.3	6.5	146.7	6.1	95.6
Other(a)	26.0	12.6	38.5	7.9	46.5	12.4	58.9	17.0	78.9
Not attending in September	759.6	163.0	922.6	139.9	1,062.5	127.2	1,189.7	13.2	89.3
Total	950.0	674.1	1,624.1	277.2	1,901.4	744.8	2,646.2	14.6	71.9

(a) Includes business colleges, industry skills centres and other educational institutions.

**3. PERSONS AGED 15 TO 24: EDUCATIONAL ATTENDANCE, AGE AND STATES AND TERRITORIES
(^{'000})**

Educational attendance	Age										Total
	15	16	17	18	19	20	21	22	23	24	
NEW SOUTH WALES											
Attending education in Sept	86.5	80.8	76.8	64.4	48.8	40.4	32.8	27.7	22.9	20.9	502.2
School	86.2	74.0	63.7	25.3	* 1.4	** 0.4	** 0.0	** 0.0	** 0.0	** 0.0	251.0
Tertiary(a)	** 0.4	6.8	13.1	39.2	47.4	39.9	32.8	27.7	22.9	20.9	251.2
Higher education	** 0.0	** 0.4	** 0.7	19.2	28.1	22.6	20.0	17.8	12.3	13.0	134.0
TAFE	** 0.4	* 5.6	11.8	16.3	16.8	15.1	9.6	* 6.3	8.9	* 2.8	93.5
Not attending	* 1.5	7.7	11.9	23.8	37.8	46.6	53.9	58.7	64.9	69.6	376.3
<i>Total</i>	<i>88.1</i>	<i>88.5</i>	<i>88.7</i>	<i>88.2</i>	<i>86.6</i>	<i>86.9</i>	<i>86.7</i>	<i>86.4</i>	<i>87.8</i>	<i>90.6</i>	<i>878.5</i>
VICTORIA											
Attending education in Sept	61.2	60.1	54.1	48.1	39.1	38.4	28.6	25.1	22.9	14.9	392.5
School	61.2	58.9	50.1	20.0	** 0.4	** 0.0	** 0.0	** 0.4	** 0.0	** 0.0	191.0
Tertiary(a)	** 0.0	* 1.2	* 3.9	28.1	38.8	38.4	28.6	24.7	22.9	14.9	201.5
Higher education	** 0.0	** 0.3	** 0.3	14.9	22.8	26.3	18.1	16.6	17.0	7.6	124.0
TAFE	** 0.0	** 0.9	* 3.4	11.8	12.9	11.2	9.5	5.4	* 3.0	* 4.3	62.4
Not attending	* 2.4	* 4.0	10.0	16.6	26.8	28.6	39.1	42.8	45.0	54.5	269.9
<i>Total</i>	<i>63.7</i>	<i>64.1</i>	<i>64.1</i>	<i>64.7</i>	<i>65.9</i>	<i>67.0</i>	<i>67.8</i>	<i>67.9</i>	<i>67.9</i>	<i>69.4</i>	<i>662.4</i>
QUEENSLAND											
Attending education in Sept	49.7	46.3	38.8	25.0	24.3	21.0	13.4	11.3	9.5	12.4	251.7
School	49.1	45.7	32.8	4.7	** 0.0	** 0.3	** 0.0	** 0.2	** 0.0	** 0.0	132.8
Tertiary(a)	** 0.6	** 0.5	6.1	20.4	24.3	20.7	13.4	11.1	9.5	12.4	118.8
Higher education	** 0.3	** 0.0	* 3.6	12.2	14.3	15.3	8.4	7.1	5.8	7.2	74.2
TAFE	** 0.3	** 0.5	* 2.4	6.4	7.4	* 4.0	* 3.1	* 3.4	* 2.6	* 3.9	34.2
Not attending	* 2.2	6.6	12.5	24.6	24.0	26.9	35.6	37.8	39.7	38.6	248.4
<i>Total</i>	<i>51.9</i>	<i>52.9</i>	<i>51.3</i>	<i>49.6</i>	<i>48.3</i>	<i>47.9</i>	<i>49.0</i>	<i>49.1</i>	<i>49.2</i>	<i>51.0</i>	<i>500.1</i>
SOUTH AUSTRALIA											
Attending education in Sept	18.8	18.2	16.0	11.3	7.2	9.7	7.7	4.4	5.6	3.3	102.3
School	18.8	17.7	14.6	4.6	** 0.4	** 0.0	** 0.2	** 0.0	** 0.0	** 0.2	56.4
Tertiary(a)	** 0.0	** 0.6	* 1.4	6.7	6.7	9.7	7.5	4.4	5.6	3.1	45.8
Higher education	** 0.0	** 0.0	** 0.2	4.5	5.0	6.7	5.2	3.0	3.0	* 2.3	30.1
TAFE	** 0.0	** 0.4	* 1.0	* 1.5	* 1.7	2.8	* 2.1	* 1.1	* 2.2	** 0.4	13.2
Not attending	* 1.3	* 2.1	4.0	8.6	12.4	9.6	11.9	14.6	15.4	16.4	96.3
<i>Total</i>	<i>20.1</i>	<i>20.3</i>	<i>20.1</i>	<i>19.9</i>	<i>19.6</i>	<i>19.3</i>	<i>19.6</i>	<i>19.0</i>	<i>21.0</i>	<i>19.7</i>	<i>198.6</i>
WESTERN AUSTRALIA											
Attending education in Sept	26.6	24.4	19.5	12.7	12.6	10.5	8.4	6.2	7.9	7.6	136.4
School	25.5	22.6	13.5	* 1.4	** 0.0	** 0.0	** 0.0	** 0.0	** 0.0	** 0.0	62.9
Tertiary(a)	* 1.1	* 1.8	6.0	11.3	12.6	10.5	8.4	6.2	7.9	7.6	73.5
Higher education	** 0.0	** 0.2	* 2.0	5.1	6.8	7.3	6.0	4.9	5.2	6.5	43.9
TAFE	* 1.1	* 0.9	3.3	5.2	4.6	* 2.7	* 2.1	* 1.2	* 2.1	** 0.5	23.8
Not attending	* 1.1	3.3	7.9	14.4	13.9	16.0	17.8	20.9	19.3	20.2	134.9
<i>Total</i>	<i>27.7</i>	<i>27.7</i>	<i>27.4</i>	<i>27.1</i>	<i>26.5</i>	<i>26.5</i>	<i>26.2</i>	<i>27.1</i>	<i>27.2</i>	<i>27.8</i>	<i>271.3</i>

(a) Includes business colleges, industry skills centres and other educational institutions.

3. PERSONS AGED 15 TO 24: EDUCATIONAL ATTENDANCE, AGE AND STATES AND TERRITORIES—continued
(**'000**)

Educational attendance	Age										Total
	15	16	17	18	19	20	21	22	23	24	
TASMANIA											
Attending education in Sept	7.0	6.7	5.3	3.8	2.3	2.1	1.4	1.3	* 0.8	* 1.1	31.9
School	7.0	6.4	4.8	1.8	** 0.1	** 0.0	** 0.1	** 0.1	** 0.0	** 0.2	20.5
Tertiary(a)	** 0.0	** 0.3	* 0.6	2.0	2.2	2.1	1.4	* 1.2	* 0.8	* 0.9	11.5
Higher education	** 0.0	** 0.1	** 0.1	* 0.8	1.4	1.3	* 0.8	* 0.8	** 0.2	* 0.5	5.9
TAFE	** 0.0	** 0.2	* 0.4	* 1.1	* 0.9	* 0.6	* 0.4	** 0.3	* 0.5	* 0.4	4.8
Not attending	** 0.1	* 0.5	1.7	2.9	4.1	4.1	4.4	4.2	5.1	4.8	31.9
Total	7.1	7.2	7.0	6.7	6.4	6.2	5.8	5.4	5.9	5.9	63.8
NORTHERN TERRITORY(b)											
Attending education in Sept	2.5	2.7	* 0.7	* 0.6	* 0.5	* 0.7	* 0.4	* 0.6	* 1.1	** 0.4	10.3
Not attending	** 0.2	* 0.6	* 0.5	* 1.2	* 1.0	* 1.3	1.4	1.9	1.5	2.3	11.9
Total	2.6	3.3	* 1.3	1.8	1.4	2.0	1.8	2.5	2.7	2.7	22.2
AUSTRALIAN CAPITAL TERRITORY											
Attending education in Sept	4.5	4.2	4.2	3.2	2.8	3.2	2.3	1.9	2.1	* 1.0	29.3
School	4.4	4.2	4.1	* 1.2	** 0.0	** 0.1	** 0.1	** 0.0	** 0.0	** 0.0	14.1
Tertiary(a)	** 0.1	** 0.0	** 0.1	2.0	2.8	3.1	2.2	1.9	2.1	* 1.0	15.2
Higher education	** 0.0	** 0.0	** 0.0	* 1.0	1.9	2.4	1.4	1.5	1.4	* 0.7	10.2
TAFE	** 0.1	** 0.0	** 0.1	* 1.0	* 0.9	* 0.8	* 0.6	** 0.3	* 0.7	** 0.1	4.7
Not attending	** 0.0	** 0.4	* 0.5	1.5	2.1	1.8	3.0	3.6	3.0	4.2	20.1
Total	4.5	4.6	4.7	4.7	4.9	5.0	5.3	5.4	5.1	5.1	49.4
AUSTRALIA											
Attending education in Sept	256.8	243.3	215.5	169.1	137.6	126.0	95.2	78.5	72.8	61.5	1,456.5
School	254.6	232.0	184.0	59.2	* 2.4	* 0.9	** 0.4	** 0.7	** 0.0	** 0.4	734.7
Tertiary(a)	* 2.2	11.3	31.4	109.9	135.2	125.1	94.8	77.8	72.8	61.2	721.8
Higher education	** 0.3	* 1.0	7.0	57.9	80.6	82.5	60.4	52.1	45.8	38.3	425.9
TAFE	* 1.9	8.7	22.4	43.4	45.3	37.3	27.4	18.1	20.2	12.5	237.1
Not attending	8.8	25.2	49.1	93.6	122.0	134.8	167.1	184.4	194.0	210.7	1,189.7
Total	265.6	268.5	264.6	262.7	259.7	260.9	262.3	263.0	266.8	272.2	2,646.2

(a) Includes business colleges, industry skills centres and other educational institutions. (b) Refers to mainly urban areas only. See paragraph 4 of the Explanatory Notes.

4. PERSONS AGED 15 TO 24: BIRTHPLACE BY EDUCATIONAL ATTENDANCE
(*000)

<i>Birthplace</i>	<i>School</i>	<i>Higher education</i>	<i>TAFE</i>	<i>Other educ. inst.(a)</i>	<i>Total tertiary</i>	<i>Not Attending</i>	<i>Total</i>
Born in Australia	619.3	313.6	205.1	43.7	562.4	1,035.2	2,216.9
Born outside Australia	96.9	112.3	32.0	15.2	159.5	154.5	410.9
Oceania	10.0	8.6	* 4.7	* 1.7	14.9	37.6	62.5
Europe and the Former USSR	21.7	18.1	10.6	* 3.2	31.8	45.6	99.1
Middle East and North Africa	10.4	* 4.1	* 1.9	* 1.3	7.3	9.2	26.9
Africa (excl. North Africa)	6.3	* 3.7	* 1.6	**0.4	5.7	10.1	22.1
South-East Asia	22.0	43.4	6.3	* 4.9	54.6	26.4	102.9
North-East Asia	16.3	22.8	* 3.3	* 1.6	27.7	9.3	53.3
Southern Asia	* 4.2	7.9	* 1.2	**0.5	9.7	7.3	21.2
Northern America	* 2.5	* 1.9	* 1.3	** 0.0	* 3.2	* 4.3	10.0
South America, Central America and the Caribbean	* 3.5	* 1.8	* 0.9	* 1.7	* 4.5	* 4.8	12.8
Total(b)	734.7	425.9	237.1	58.9	721.8	1,189.7	2,646.2

(a) Includes business colleges, industry skills centres and other educational institutions. (b) Includes 18,500 boarding school pupils who were not asked their country of birth.

TABLE 5. PERSONS IN TERTIARY EDUCATION: CURRENT EDUCATIONAL ATTENDANCE AND TYPE OF SCHOOL LAST ATTENDED
(*000)

<i>Educational attendance</i>	<i>Government school</i>	<i>Catholic school</i>	<i>Other non-government school</i>	<i>Total non-government school</i>	<i>Total(a)</i>
MALES					
Higher education	103.3	41.2	52.2	93.4	196.7
Full-time	89.5	35.2	48.4	83.7	173.1
Part-time	13.8	6.0	* 3.7	9.7	23.5
TAFE	106.8	29.5	11.9	41.4	148.2
Full-time	32.6	9.3	* 4.5	13.8	46.4
Part-time	74.1	20.2	7.4	27.6	101.8
Other(b)	17.0	* 4.1	* 4.5	8.6	25.6
Total	227.0	74.9	68.6	143.4	370.5
Full-time	128.4	46.5	54.5	101.0	229.4
Part-time	98.7	28.4	14.0	42.4	141.1
FEMALES					
Higher education	121.3	57.5	50.5	107.9	229.2
Full-time	99.9	50.3	46.9	97.2	197.2
Part-time	21.4	7.1	* 3.6	10.7	32.1
TAFE	63.3	15.6	9.9	25.5	88.9
Full-time	30.2	7.4	6.3	13.7	43.9
Part-time	33.1	8.2	* 3.6	11.9	45.0
Other(b)	22.0	5.7	5.5	11.2	33.3
Total	206.7	78.8	65.9	144.7	351.4
Full-time	137.5	59.7	56.3	116.0	253.4
Part-time	69.2	19.1	9.6	28.7	97.9
PERSONS					
Higher education	224.6	98.7	102.6	201.3	425.9
Full-time	189.4	85.6	95.3	180.9	370.3
Part-time	35.2	13.1	7.3	20.4	55.6
TAFE	170.1	45.1	21.9	67.0	237.1
Full-time	62.8	16.7	10.8	27.5	90.3
Part-time	107.2	28.4	11.1	39.5	146.7
Other(b)	39.1	9.8	10.0	19.8	58.9
Total	433.7	153.6	134.5	288.1	721.8
Full-time	265.8	106.1	110.8	217.0	482.8
Part-time	167.9	47.5	23.6	71.2	239.0

(a) Includes a small number of persons who never went to school. (b) Includes business colleges, industry skills centres and other educational institutions.

6. PERSONS AGED 15 TO 24 IN TERTIARY EDUCATION: TYPE OF SCHOOL LAST ATTENDED AND LABOUR FORCE STATUS

<i>Sex and type of school last attended</i>	<i>Employed full-time</i>	<i>Employed part-time</i>	<i>Employed total</i>	<i>Unemployed</i>	<i>In the labour force</i>	<i>Not in labour force</i>	<i>Total</i>	<i>Unemployment rate</i>	<i>Participation rate</i>
	'000	'000	'000	'000	'000	'000	'000	per cent	per cent
ATTENDING TERTIARY FULL-TIME									
Males(a)	9.7	106.7	116.4	24.3	140.7	88.7	229.4	17.3	61.3
Government	5.8	51.4	57.2	16.1	73.3	55.1	128.4	21.9	57.1
Non-government	* 3.9	55.3	59.2	8.2	67.5	33.5	101.0	12.2	66.8
Catholic	* 2.6	26.5	29.1	* 4.3	33.4	13.1	46.5	* 12.9	71.9
Other	* 1.3	28.8	30.1	* 3.9	34.1	20.5	54.5	* 11.6	62.5
Females(a)	7.4	135.0	142.4	20.1	162.5	90.9	253.4	12.4	64.1
Government	* 5.1	70.3	75.4	13.7	89.1	48.4	137.5	15.3	64.8
Non-government	* 2.3	64.6	66.9	6.5	73.4	42.5	116.0	8.8	63.3
Catholic	** 0.2	35.8	36.0	* 3.3	39.4	20.3	59.7	* 8.4	66.0
Other	* 2.1	28.8	30.9	* 3.2	34.1	22.2	56.3	* 9.3	60.5
Persons(a)	17.1	241.7	258.8	44.5	303.3	179.6	482.8	14.7	62.8
Government	10.9	121.8	132.6	29.7	162.4	103.5	265.8	18.3	61.1
Non-government	6.2	119.9	126.2	14.7	140.9	76.1	217.0	10.4	64.9
Catholic	* 2.8	62.4	65.1	7.6	72.8	33.4	106.1	10.5	68.6
Other	* 3.5	57.6	61.0	7.1	68.1	42.7	110.8	10.4	61.5
ATTENDING TERTIARY PART-TIME									
Males(a)	113.0	15.5	128.5	9.8	138.4	* 2.7	141.1	7.1	98.1
Government	77.1	11.5	88.6	8.4	97.0	* 1.7	98.7	8.7	98.3
Non-government	35.9	* 4.0	39.9	* 1.4	41.4	* 1.1	42.4	* 3.5	97.5
Catholic	25.0	* 2.2	27.2	* 1.2	28.4	** 0.0	28.4	* 4.3	100.0
Other	10.9	* 1.9	12.8	** 0.2	13.0	* 1.1	14.0	** 1.6	92.4
Females(a)	60.0	22.7	82.7	* 5.0	87.7	10.2	97.9	* 5.7	89.6
Government	42.7	14.3	57.0	* 5.0	62.0	7.2	69.2	* 8.1	89.6
Non-government	17.3	8.4	25.7	** 0.0	25.7	* 3.0	28.7	** 0.0	89.4
Catholic	11.1	7.0	18.1	** 0.0	18.1	* 1.0	19.1	** 0.0	94.9
Other	6.2	* 1.3	7.5	** 0.0	7.5	* 2.1	9.6	** 0.0	78.5
Persons(a)	173.0	38.2	211.2	14.9	226.1	12.9	239.0	6.6	94.6
Government	119.8	25.8	145.6	13.4	159.0	8.8	167.9	8.4	94.7
Non-government	53.2	12.4	65.6	* 1.4	67.1	* 4.1	71.2	* 2.1	94.2
Catholic	36.1	9.2	45.3	* 1.2	46.5	* 1.0	47.5	* 2.6	98.0
Other	17.1	* 3.2	20.3	** 0.2	20.5	* 3.1	23.6	** 1.0	86.8
TOTAL									
Males(a)	122.7	122.2	244.9	34.1	279.1	91.4	370.5	12.2	75.3
Government	82.9	62.9	145.8	24.5	170.2	56.8	227.0	14.4	75.0
Non-government	39.8	59.3	99.2	9.7	108.8	34.6	143.4	8.9	75.9
Catholic	27.6	28.7	56.3	5.5	61.8	13.1	74.9	9.0	82.5
Other	12.3	30.6	42.9	* 4.1	47.0	21.5	68.6	* 8.8	68.6
Females(a)	67.4	157.7	225.1	25.2	250.2	101.1	351.4	10.1	71.2
Government	47.8	84.7	132.4	18.7	151.1	55.5	206.7	12.4	73.1
Non-government	19.6	73.0	92.6	6.5	99.1	45.6	144.7	6.5	68.5
Catholic	11.3	42.9	54.2	* 3.3	57.5	21.3	78.8	* 5.8	73.0
Other	8.3	30.1	38.4	* 3.2	41.6	24.3	65.9	* 7.6	63.1
Persons(a)	190.1	279.9	470.0	59.3	529.3	192.5	721.8	11.2	73.3
Government	130.6	147.6	278.2	43.2	321.4	112.3	433.7	13.4	74.1
Non-government	59.5	132.3	191.8	16.2	207.9	80.2	288.1	7.8	72.2
Catholic	38.9	71.6	110.4	8.9	119.3	34.3	153.6	7.4	77.6
Other	20.6	60.8	81.3	7.3	88.6	45.8	134.5	8.2	65.9

(a) Includes a small number of persons who never went to school.

7. PERSONS AGED 15 TO 24: WHETHER ATTENDING AN EDUCATIONAL INSTITUTION SEP 1994(a) TO SEP 1999

Age	Number						Education participation rate					
	1994 '000	1995 '000	1996 '000	1997 '000	1998 '000	1999 '000	1994 %	1995 %	1996 %	1997 %	1998 %	1999 %
ATTENDING SCHOOL												
15-19	691.2	677.7	689.1	700.3	690.0	732.3	54.5	54.1	54.1	54.5	53.1	55.4
15	237.7	236.6	244.6	245.6	243.0	254.6	95.4	94.4	94.8	94.7	92.3	95.9
16	208.4	208.2	206.9	214.4	213.4	232.0	83.4	83.0	81.7	82.5	81.8	86.4
17	174.3	168.2	175.4	176.2	171.9	184.0	69.3	65.0	69.3	69.3	65.5	69.6
18	62.3	56.0	56.6	57.8	54.7	59.2	24.5	22.0	22.3	22.7	21.4	22.5
19	8.6	8.8	5.6	6.4	6.9	* 2.4	3.3	3.1	2.2	2.5	2.7	* 0.9
20-24	6.2	8.4	5.6	4.7	* 3.3	* 2.4	0.4	0.7	0.4	0.3	* 0.2	* 0.2
Total	697.4	686.1	694.8	705.0	693.3	734.7	25.9	26.6	26.1	26.7	26.3	27.8
ATTENDING TERTIARY FULL-TIME												
15-19	163.6	170.7	184.2	209.7	197.3	202.2	12.9	13.5	14.5	16.3	15.2	15.3
15	** 0.4	** 0.8	** 0.7	* 1.7	* 1.1	* 1.4	** 0.2	** 0.4	** 0.3	* 0.7	* 0.4	* 0.5
16	4.2	4.7	7.2	6.8	5.6	* 5.1	1.7	1.9	2.8	2.6	2.2	* 1.9
17	11.6	17.4	14.9	19.5	19.5	16.3	4.6	7.3	5.9	7.7	7.4	6.2
18	66.0	66.4	72.7	78.3	73.3	80.9	26.0	26.4	28.7	30.8	28.7	30.8
19	81.3	81.5	88.6	103.3	97.8	98.5	31.0	32.4	34.7	40.2	38.0	37.9
20-24	226.7	242.2	244.4	262.3	266.8	280.6	15.9	17.3	17.6	19.4	19.9	21.2
20	78.4	82.9	77.5	87.8	86.3	95.3	29.0	30.8	29.8	33.9	33.3	36.5
21	58.1	58.6	69.2	71.3	68.2	62.0	20.8	21.4	25.8	27.1	25.9	23.6
22	36.6	47.0	45.9	44.2	45.5	53.2	12.6	16.9	16.6	16.5	17.1	20.2
23	29.7	31.0	28.7	33.4	38.3	39.6	10.0	11.1	10.1	12.0	14.1	14.8
24	23.9	22.6	22.9	25.6	28.5	30.5	8.4	7.6	7.7	8.9	10.2	11.2
Total	390.4	412.9	428.5	471.9	464.1	482.8	14.5	15.5	16.1	17.9	17.6	18.2
ATTENDING TERTIARY PART-TIME												
15-19	82.6	80.8	77.5	78.8	69.0	87.9	6.5	6.1	6.1	6.1	5.3	6.7
15	** 0.7	** 0.7	* 1.5	* 2.6	* 1.5	** 0.8	** 0.3	** 0.3	* 0.6	* 1.0	* 0.6	** 0.3
16	7.1	6.2	5.7	7.6	4.5	6.2	2.9	2.7	2.3	2.9	1.7	2.3
17	10.7	11.2	14.4	12.8	10.1	15.1	4.2	4.9	5.7	5.0	3.9	5.7
18	29.8	23.9	25.5	23.9	24.4	29.0	11.7	9.3	10.0	9.4	9.6	11.0
19	34.3	38.8	30.4	31.9	28.5	36.7	13.1	13.8	11.9	12.4	11.1	14.1
20-24	141.4	151.7	157.5	142.3	129.1	151.1	9.9	10.3	11.4	10.5	9.6	11.4
20	33.0	29.2	35.7	27.1	22.2	29.8	12.2	10.7	13.8	10.5	8.6	11.4
21	29.2	30.2	27.1	26.6	26.8	32.8	10.5	9.9	10.1	10.1	10.2	12.5
22	27.2	28.5	38.4	31.8	26.6	24.6	9.3	10.4	13.9	11.8	10.0	9.4
23	28.5	30.9	26.5	30.6	26.1	33.2	9.6	10.3	9.3	11.0	9.6	12.5
24	23.5	32.9	29.7	26.2	27.5	30.6	8.2	10.3	10.0	9.2	9.8	11.3
Total	224.0	232.5	235.0	221.0	198.1	239.0	8.3	8.3	8.8	8.4	7.5	9.0
TOTAL ATTENDING TERTIARY												
15-19	246.3	251.5	261.7	288.4	266.3	290.1	19.4	19.6	20.5	22.5	20.5	22.0
15	* 1.1	* 1.5	* 2.3	4.3	* 2.6	* 2.2	* 0.4	* 0.7	* 0.9	1.7	* 1.0	* 0.8
16	11.4	10.9	12.9	14.4	10.2	11.3	4.6	4.6	5.1	5.6	3.9	4.2
17	22.3	28.6	29.3	32.4	29.6	31.4	8.9	12.3	11.6	12.7	11.3	11.9
18	95.8	90.3	98.2	102.2	97.7	109.9	37.7	35.7	38.7	40.2	38.2	41.8
19	115.7	120.3	119.0	135.2	126.3	135.2	44.1	46.2	46.6	52.6	49.1	52.1
20-24	368.1	393.9	401.9	404.5	395.9	431.7	25.8	27.7	29.0	29.9	29.6	32.6
20	111.4	112.1	113.3	114.9	108.4	125.1	41.2	41.6	43.6	44.4	41.9	48.0
21	87.3	88.8	96.4	97.8	95.0	94.8	31.3	31.4	35.9	37.2	36.1	36.1
22	63.8	75.5	84.3	76.0	72.0	77.8	21.9	27.2	30.5	28.3	27.1	29.6
23	58.2	62.0	55.2	64.0	64.4	72.8	19.5	21.4	19.4	23.0	23.7	27.3
24	47.4	55.5	52.7	51.8	56.0	61.2	16.6	17.9	17.7	18.1	20.0	22.5
Total	614.4	645.5	663.5	693.0	662.2	721.8	22.8	23.7	24.9	26.3	25.1	27.3

(a) See Explanatory Notes paragraph 14 for the effect of benchmark revisions on time series data.

7. PERSONS AGED 15 TO 24: WHETHER ATTENDING AN EDUCATIONAL INSTITUTION SEP 1994(a) TO SEP 1999—continued

Age	Number						Education participation rate					
	1994 '000	1995 '000	1996 '000	1997 '000	1998 '000	1999 '000	1994 %	1995 %	1996 %	1997 %	1998 %	1999 %
ATTENDING AN EDUCATIONAL INSTITUTION												
15-19	937.5	929.2	950.8	988.7	956.3	1,022.4	74.0	73.7	74.6	77.0	73.6	77.4
15	238.7	238.0	246.9	249.9	245.6	256.8	95.8	95.2	95.7	96.3	93.2	96.7
16	219.8	219.1	219.8	228.8	223.6	243.3	87.9	87.7	86.7	88.0	85.7	90.6
17	196.6	196.8	204.7	208.5	201.5	215.5	78.1	77.2	80.8	82.0	76.7	81.4
18	158.1	146.3	154.8	160.0	152.4	169.1	62.3	57.6	61.0	62.9	59.6	64.4
19	124.2	129.1	124.6	141.5	133.1	137.6	47.3	49.3	48.8	55.1	51.7	53.0
20-24	374.3	402.4	407.5	409.3	399.3	434.1	26.3	28.3	29.4	30.2	29.8	32.8
20	114.1	116.6	116.5	117.7	110.3	126.0	42.2	43.3	44.8	45.5	42.6	48.3
21	88.4	91.0	97.2	98.4	95.3	95.2	31.7	32.4	36.2	37.4	36.2	36.3
22	65.4	76.1	85.7	76.9	72.8	78.5	22.4	27.4	31.0	28.7	27.4	29.9
23	58.9	62.9	55.5	64.4	65.0	72.8	19.8	21.7	19.5	23.2	23.9	27.3
24	47.6	55.7	52.7	51.8	56.0	61.5	16.7	18.1	17.7	18.1	20.0	22.6
Total	1,311.8	1,331.6	1,358.3	1,398.0	1,355.5	1,456.5	48.7	50.4	51.0	53.0	51.4	55.0
NOT ATTENDING AN EDUCATIONAL INSTITUTION												
15-19	329.7	335.4	323.1	295.9	343.6	298.7	..	..	..	..	..	..
15	10.4	12.4	11.2	9.6	17.8	8.8	..	..	..	..	..	..
16	30.1	31.2	33.6	31.1	37.4	25.2	..	..	..	..	..	..
17	55.0	54.7	48.6	45.7	61.1	49.1	..	..	..	..	..	..
18	95.8	108.0	98.8	94.3	103.1	93.6	..	..	..	..	..	..
19	138.3	129.1	131.0	115.3	124.2	122.0	..	..	..	..	..	..
20-24	1,050.1	1,014.4	979.4	945.7	940.3	891.0	..	..	..	..	..	..
20	156.3	149.6	143.5	141.1	148.7	134.8	..	..	..	..	..	..
21	190.4	182.9	171.3	164.9	167.9	167.1	..	..	..	..	..	..
22	226.3	206.2	191.0	191.4	193.0	184.4	..	..	..	..	..	..
23	239.1	231.2	229.1	213.5	206.6	194.0	..	..	..	..	..	..
24	238.0	244.5	244.7	234.7	224.1	210.7	..	..	..	..	..	..
Total	1,379.8	1,349.8	1,302.5	1,241.6	1,283.9	1,189.7	..	..	..	..	..	..
TOTAL												
15-19	1,267.2	1,264.6	1,273.9	1,284.7	1,299.9	1,321.1	..	..	..	..	..	..
15	249.2	250.4	258.0	259.4	263.4	265.6	..	..	..	..	..	..
16	249.9	250.3	253.4	260.0	261.0	268.5	..	..	..	..	..	..
17	251.6	251.5	253.3	254.2	262.6	264.6	..	..	..	..	..	..
18	253.9	254.3	253.6	254.3	255.5	262.7	..	..	..	..	..	..
19	262.5	258.2	255.6	256.8	257.3	259.7	..	..	..	..	..	..
20-24	1,424.4	1,416.7	1,386.9	1,355.0	1,339.6	1,325.1	..	..	..	..	..	..
20	270.4	266.2	260.0	258.8	258.9	260.9	..	..	..	..	..	..
21	278.8	273.9	268.4	263.4	263.1	262.3	..	..	..	..	..	..
22	291.7	282.3	276.7	268.4	265.8	263.0	..	..	..	..	..	..
23	298.0	294.1	284.5	277.9	271.6	266.8	..	..	..	..	..	..
24	285.6	300.2	297.3	286.5	280.1	272.2	..	..	..	..	..	..
Total	2,691.6	2,681.4	2,660.8	2,639.6	2,639.4	2,646.2	..	..	..	..	..	..

(a) See Explanatory Notes paragraph 14 for the effect of benchmark revisions on time series data.

8. PERSONS AGED 15 TO 24 IN TERTIARY EDUCATION(a): LEVEL OF COURSE AND TYPE OF SCHOOL LAST ATTENDED
(*000)

<i>Type of tertiary institution and level of course</i>	<i>Government school</i>	<i>Catholic school</i>	<i>Other non-government school</i>	<i>Total non-government school</i>	<i>Total(b)</i>
MALES					
Higher education(c)	102.3	40.8	51.8	92.6	194.9
Postgraduate diploma or higher	5.2	* 2.8	* 2.6	5.4	10.7
Bachelor degree	90.3	34.6	46.4	81.0	171.4
Undergraduate & associate diploma	* 3.7	* 2.1	* 2.1	* 4.2	7.9
TAFE(c)	96.2	28.0	11.5	39.5	135.7
Undergraduate & associate diploma	19.8	9.5	* 2.6	12.1	31.9
Skilled & basic vocational	71.3	17.4	6.9	24.3	95.6
Other(c)(d)	11.3	* 2.8	* 3.4	6.3	17.6
Undergraduate & associate diploma	* 3.8	** 0.6	** 0.3	* 0.9	* 4.7
Skilled & basic vocational	* 4.7	* 1.6	** 0.7	* 2.3	7.0
<i>Total all institutions(e)</i>	<i>209.9</i>	<i>71.6</i>	<i>66.7</i>	<i>138.4</i>	<i>348.3</i>
Master degree/doctorate	* 3.2	* 2.6	* 1.5	* 4.1	7.3
Postgraduate diploma	* 2.6	** 0.2	* 1.5	* 1.7	* 4.3
Bachelor degree	93.0	36.2	48.6	84.8	177.7
Undergraduate & associate diploma	27.3	12.1	* 5.1	17.2	44.5
Skilled & basic vocational	78.5	20.4	7.8	28.2	106.6
FEMALES					
Higher education(c)	119.7	56.9	50.3	107.1	226.8
Postgraduate diploma or higher	8.1	* 4.4	* 3.5	7.9	16.0
Bachelor degree	98.6	46.8	44.2	91.0	189.6
Undergraduate & associate diploma	10.0	* 4.9	* 1.5	6.5	16.5
TAFE(c)	53.4	14.0	8.4	22.4	75.8
Undergraduate & associate diploma	16.3	5.7	* 3.4	9.0	25.3
Skilled & basic vocational	31.5	7.6	* 3.6	11.1	42.6
Other(c)(d)	15.6	* 3.9	* 4.4	8.3	23.9
Undergraduate & associate diploma	* 3.3	** 0.3	* 0.9	* 1.1	* 4.4
Skilled & basic vocational	8.9	* 2.0	* 2.8	* 4.8	13.7
<i>Total all institutions(e)</i>	<i>188.6</i>	<i>74.8</i>	<i>63.0</i>	<i>137.8</i>	<i>326.5</i>
Master degree/doctorate	* 3.7	* 2.7	* 1.7	* 4.4	8.1
Postgraduate diploma	* 4.8	* 1.7	* 1.8	* 3.5	8.3
Bachelor degree	99.9	47.2	45.9	93.1	193.0
Undergraduate & associate diploma	29.5	10.9	5.8	16.7	46.2
Skilled & basic vocational	42.3	9.6	6.7	16.2	58.6
PERSONS					
Higher education(c)	222.0	97.7	102.1	199.8	421.8
Postgraduate diploma or higher	13.3	7.2	6.1	13.3	26.6
Bachelor degree	188.9	81.4	90.6	172.0	361.0
Undergraduate & associate diploma	13.7	7.0	* 3.6	10.7	24.4
TAFE(c)	149.6	42.0	19.9	61.9	211.5
Undergraduate & associate diploma	36.1	15.1	6.0	21.1	57.2
Skilled & basic vocational	102.8	25.0	10.5	35.5	138.3
Other(c)(d)	26.9	6.7	7.8	14.5	41.5
Undergraduate & associate diploma	7.1	* 0.8	* 1.2	* 2.0	9.1
Skilled & basic vocational	13.6	* 3.6	* 3.5	7.1	20.7
Total all institutions(e)	398.5	146.4	129.8	276.2	674.7
Master degree/doctorate	6.9	5.4	* 3.1	8.5	15.3
Postgraduate diploma	7.3	* 1.8	* 3.4	5.2	12.6
Bachelor degree	192.8	83.4	94.5	177.9	370.7
Undergraduate & associate diploma	56.8	23.0	10.9	33.8	90.7
Skilled & basic vocational	120.8	30.0	14.5	44.4	165.2

(a) Persons attending a tertiary institution to gain a recognised educational qualification. Excludes persons attending courses of the equivalent of less than one semester's full-time study, and persons whose course of study would not lead to an educational qualification. (b) Includes a small number of persons who never went to school. (c) Includes a small number of persons who were attending a level of course not separately shown for that type of institution. (d) Includes business colleges, industry skills centres and other educational institutions. (e) Includes persons in secondary school certificate (equivalent) courses and persons whose level of course was unknown.

**9. PERSONS AGED 15 TO 24 IN TERTIARY EDUCATION(a): TYPE OF INSTITUTION, LEVEL OF COURSE AND AGE
(*000)**

Type of tertiary institution and level of course	15-19 years			20-24 years			Total		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
Higher education(b)	61.2	84.8	145.9	133.8	142.1	275.8	194.9	226.8	421.8
Postgraduate diploma or higher	** 0.0	** 0.0	** 0.0	10.7	16.0	26.6	10.7	16.0	26.6
Bachelor degree	57.9	76.3	134.2	113.5	113.3	226.8	171.4	189.6	361.0
Undergraduate & associate diploma	* 1.6	6.7	8.3	6.3	9.7	16.1	7.9	16.5	24.4
TAFE(b)	71.2	39.3	110.4	64.5	36.5	101.1	135.7	75.8	211.5
Undergraduate & associate diploma	11.7	11.8	23.6	20.1	13.5	33.6	31.9	25.3	57.2
Skilled & basic vocational	56.4	23.5	79.9	39.3	19.1	58.4	95.6	42.6	138.3
Other(b)(c)	* 5.1	9.8	14.9	12.5	14.1	26.6	17.6	23.9	41.5
Undergraduate & associate diploma	* 0.8	** 0.7	* 1.5	* 3.9	* 3.7	7.6	* 4.7	* 4.4	9.1
Skilled & basic vocational	* 1.9	6.8	8.7	* 5.1	6.9	12.0	7.0	13.7	20.7
Total(d)	137.4	133.8	271.3	210.8	192.6	403.4	348.3	326.5	674.7
Master degree/doctorate	** 0.0	** 0.0	** 0.0	7.3	8.1	15.3	7.3	8.1	15.3
Postgraduate diploma	** 0.0	** 0.0	** 0.0	* 4.3	8.3	12.6	* 4.3	8.3	12.6
Bachelor degree	59.7	77.5	137.3	118.0	115.5	233.5	177.7	193.0	370.7
Undergraduate & associate diploma	14.2	19.3	33.4	30.3	26.9	57.2	44.5	46.2	90.7
Skilled & basic vocational	59.6	30.9	90.5	47.0	27.7	74.7	106.6	58.6	165.2

(a) Persons attending a tertiary institution to gain a recognised educational qualification. Excludes persons attending courses of the equivalent of less than one semester's full-time study, and persons whose course of study would not lead to an educational qualification. (b) Includes a small number of persons who were attending a level of course not separately shown for that type of institution. (c) Includes business colleges, industry skills centres and other educational institutions. (d) Includes persons in secondary school certificate (equivalent) courses and persons whose level of course was unknown.

10. PERSONS AGED 15 TO 24 IN TERTIARY EDUCATION(a): LEVEL OF COURSE AND LABOUR FORCE STATUS

Level of course	Employed full-time	Employed part-time	Employed total	Unem- ployed	In the labour force	Not in labour force	Total	Unemp- loyment rate	Partic- ipation rate
	'000	'000	'000	'000	'000	'000	'000	per cent	per cent
MALES									
Postgrad. diploma or higher	* 3.8	* 2.9	6.6	** 0.2	6.8	* 4.8	11.6	** 2.8	58.7
Bachelor degree	13.1	90.4	103.4	14.7	118.1	59.6	177.7	12.5	66.5
Undergraduate & associate diploma	13.4	11.8	25.3	6.4	31.6	12.8	44.5	20.2	71.1
Skilled & basic vocational	79.3	12.4	91.7	5.7	97.3	9.3	106.6	5.8	91.3
Total(b)	111.2	119.9	231.1	28.2	259.3	88.9	348.3	10.9	74.5
FEMALES									
Postgrad. diploma or higher	* 4.7	6.5	11.2	** 0.4	11.6	* 4.7	16.3	** 3.5	71.2
Bachelor degree	15.3	106.2	121.5	9.6	131.1	61.9	193.0	7.3	67.9
Undergraduate & associate diploma	11.3	17.9	29.2	5.8	35.0	11.2	46.2	16.6	75.8
Skilled & basic vocational	21.9	18.1	40.0	* 5.1	45.1	13.5	58.6	* 11.4	77.0
Total(b)	56.9	152.5	209.4	22.9	232.2	94.2	326.5	9.9	71.1
PERSONS									
Postgrad. diploma or higher	8.5	9.3	17.8	** 0.6	18.4	9.5	27.9	** 3.3	66.0
Bachelor degree	28.3	196.6	224.9	24.3	249.2	121.5	370.7	9.7	67.2
Undergraduate & associate diploma	24.7	29.7	54.5	12.2	66.7	24.0	90.7	18.3	73.5
Skilled & basic vocational	101.2	30.5	131.7	10.8	142.4	22.8	165.2	7.6	86.2
Total(b)	168.1	272.4	440.5	51.1	491.6	183.1	674.7	10.4	72.9

(a) Persons attending a tertiary institution to gain a recognised educational qualification. Excludes persons attending courses of the equivalent of less than one semester's full-time study, and persons whose course of study would not lead to an educational qualification. (b) Includes persons in secondary school certificate (equivalent) courses and persons whose level of course was unknown.

11. PERSONS AGED 15 TO 24: WHETHER ATTENDING(a), MAY 1997 TO MAY 1999 AND SEP 1997 TO SEP 1999

Age	May						September					
	Number			Education participation rate			Number			Education participation rate		
	1997 '000	1998 '000	1999 '000	1997 %	1998 %	1999 %	1997 '000	1998 '000	1999 '000	1997 %	1998 %	1999 %
ATTENDING SCHOOL												
15-19	654.8	658.5	670.8	51.2	50.8	50.8	700.1	689.8	732.3	54.5	53.1	55.4
15	244.8	248.4	252.8	95.4	94.3	94.9	245.6	243.0	254.6	94.7	92.3	95.9
16	219.2	219.0	231.5	84.6	84.1	86.8	214.4	213.4	232.0	82.5	81.8	86.4
17	157.6	157.4	162.2	62.4	60.4	61.3	176.0	171.9	184.0	69.2	65.5	69.6
18	28.4	29.1	22.7	11.2	11.4	8.7	57.8	54.7	59.2	22.7	21.4	22.5
19	* 4.8	* 4.4	* 1.5	* 1.9	* 1.7	* 0.6	6.4	6.7	* 2.4	2.5	2.6	* 0.9
20-24	* 1.9	* 3.6	* 2.4	* 0.1	* 0.3	* 0.2	4.7	* 3.2	* 2.4	0.3	* 0.2	* 0.2
Total	656.7	662.0	673.2	24.9	25.1	25.4	704.9	693.1	734.7	26.7	26.3	27.8
ATTENDING TERTIARY FULL-TIME												
15-19	226.8	226.8	243.4	17.7	17.5	18.4	203.9	193.3	197.5	15.9	14.9	15.0
15	* 2.4	* 2.1	* 1.5	* 0.9	* 0.8	* 0.6	* 1.7	** 0.5	* 1.4	* 0.7	** 0.2	* 0.5
16	6.6	6.3	* 4.8	2.6	2.4	* 1.8	5.9	5.3	* 4.0	2.3	2.0	* 1.5
17	26.4	29.4	31.8	10.5	11.3	12.0	18.3	18.7	15.2	7.2	7.1	5.7
18	90.5	91.7	99.8	35.6	35.9	38.1	75.7	72.0	79.5	29.8	28.2	30.3
19	100.8	97.3	105.4	39.4	37.9	40.4	102.3	96.8	97.4	39.8	37.6	37.5
20-24	245.1	245.1	268.5	18.0	18.3	20.2	253.9	261.0	275.4	18.7	19.5	20.8
20	83.6	81.3	86.3	32.4	31.4	33.0	85.2	84.8	95.0	32.9	32.8	36.4
21	61.5	62.2	67.8	23.4	23.6	25.8	68.9	67.7	61.0	26.1	25.7	23.3
22	43.4	43.0	55.1	16.0	16.2	20.9	42.8	44.4	50.7	16.0	16.7	19.3
23	31.6	34.5	31.9	11.3	12.6	12.0	32.0	37.1	38.8	11.5	13.7	14.5
24	25.0	24.2	27.4	8.7	8.6	10.0	25.0	26.9	29.8	8.7	9.6	11.0
Total	471.8	471.9	511.9	17.9	17.9	19.3	457.8	454.3	472.9	17.3	17.2	17.9
ATTENDING TERTIARY PART-TIME												
15-19	80.0	93.6	90.5	6.3	7.2	6.9	70.1	61.2	73.8	5.5	4.7	5.6
15	* 1.4	* 1.5	* 0.8	* 0.5	* 0.6	* 0.3	* 2.2	* 1.2	** 0.5	* 0.8	* 0.5	** 0.2
16	7.8	7.4	6.2	3.0	2.8	2.3	7.1	4.2	* 4.6	2.7	1.6	* 1.7
17	11.6	17.5	17.2	4.6	6.7	6.5	12.0	9.3	12.1	4.7	3.5	4.6
18	27.9	31.4	32.5	11.0	12.3	12.4	19.6	20.5	25.7	7.7	8.0	9.8
19	31.3	35.8	33.7	12.2	14.0	12.9	29.2	26.1	30.9	11.4	10.1	11.9
20-24	136.7	156.4	151.5	10.0	11.6	11.4	120.0	112.2	128.1	8.9	8.4	9.7
20	27.5	32.3	32.4	10.6	12.5	12.4	24.0	20.5	26.7	9.3	7.9	10.2
21	28.8	33.9	31.5	10.9	12.9	12.0	23.3	22.4	29.4	8.9	8.5	11.2
22	28.6	30.4	30.9	10.5	11.4	11.7	25.4	24.2	20.5	9.5	9.1	7.8
23	25.7	31.4	27.0	9.2	11.5	10.1	26.3	22.7	26.0	9.5	8.4	9.7
24	26.1	28.5	29.6	9.1	10.1	10.8	21.1	22.3	25.5	7.3	8.0	9.4
Total	216.7	250.1	242.0	8.2	9.5	9.1	190.1	173.4	201.9	7.2	6.6	7.6
TOTAL ATTENDING TERTIARY												
15-19	306.8	320.5	333.9	24.0	24.7	25.3	274.0	254.5	271.3	21.3	19.6	20.5
15	* 3.8	* 3.6	* 2.3	* 1.5	* 1.4	* 0.9	* 3.9	* 1.7	* 1.9	* 1.5	* 0.7	* 0.7
16	14.4	13.6	11.0	5.6	5.2	4.1	13.0	9.4	8.7	5.0	3.6	3.2
17	38.0	46.9	49.0	15.1	18.0	18.5	30.3	28.0	27.3	11.9	10.7	10.3
18	118.4	123.1	132.4	46.6	48.2	50.5	95.3	92.5	105.2	37.5	36.2	40.0
19	132.2	133.2	139.1	51.7	51.9	53.3	131.4	122.9	128.3	51.2	47.8	49.4
20-24	381.8	401.5	420.0	28.1	29.9	31.6	373.9	373.2	403.4	27.6	27.9	30.4
20	111.1	113.6	118.7	43.0	43.9	45.5	109.2	105.3	121.7	42.2	40.7	46.7
21	90.2	96.1	99.4	34.3	36.4	37.8	92.2	90.2	90.4	35.0	34.3	34.5
22	72.0	73.3	86.1	26.5	27.6	32.6	68.2	68.6	71.2	25.4	25.8	27.1
23	57.4	65.8	58.9	20.5	24.1	22.1	58.3	59.9	64.8	21.0	22.0	24.3
24	51.1	52.6	57.0	17.7	18.7	20.9	46.0	49.2	55.3	16.1	17.6	20.3
Total	688.6	722.0	753.9	26.1	27.4	28.5	647.9	627.7	674.7	24.5	23.8	25.5

(a) Whether or not attending to gain a recognised educational qualification. Excluded from attendance are persons attending courses of less than one semester's full-time study, and persons whose study would not lead to an educational qualification.

11. PERSONS AGED 15 TO 24: WHETHER ATTENDING(a), MAY 1997 TO MAY 1999 AND SEP 1997 TO SEP 1999—continued

Age	May						September					
	Number			Education participation rate			Number			Education participation rate		
	1997 '000	1998 '000	1999 '000	1997 %	1998 %	1999 %	1997 '000	1998 '000	1999 '000	1997 %	1998 %	1999 %
TOTAL ATTENDING AN EDUCATIONAL INSTITUTION												
15-19	961.6	978.9	1,004.6	75.2	75.5	76.1	974.1	944.3	1,003.6	75.8	72.6	76.0
15	248.5	252.0	255.1	96.9	95.7	95.8	249.5	244.8	256.5	96.2	92.9	96.6
16	233.7	232.7	242.5	90.2	89.3	90.9	227.4	222.9	240.7	87.5	85.4	89.6
17	195.6	204.4	211.2	77.4	78.4	79.8	206.3	199.9	211.3	81.2	76.1	79.9
18	146.7	152.2	155.1	57.8	59.6	59.1	153.1	147.2	164.4	60.2	57.6	62.6
19	137.0	137.6	140.6	53.5	53.6	53.9	137.8	129.6	130.7	53.7	50.4	50.3
20-24	383.7	405.1	422.4	28.2	30.2	31.8	378.7	376.4	405.8	27.9	28.1	30.6
20	111.9	115.9	120.5	43.3	44.7	46.2	111.9	107.1	122.6	43.2	41.4	47.0
21	90.2	96.4	99.9	34.3	36.6	38.0	92.8	90.3	90.7	35.2	34.3	34.6
22	72.8	73.7	86.1	26.8	27.7	32.6	69.2	69.3	71.9	25.8	26.1	27.4
23	57.7	66.2	58.9	20.6	24.3	22.1	58.8	60.4	64.8	21.2	22.2	24.3
24	51.1	52.8	57.0	17.7	18.8	20.9	46.0	49.2	55.7	16.1	17.6	20.5
Total	1,345.3	1,384.0	1,427.0	51.0	52.4	53.9	1,352.8	1,320.7	1,409.4	51.2	50.0	53.3
NOT ATTENDING AN EDUCATIONAL INSTITUTION												
15-19	316.4	317.8	316.3	..	..	..	310.6	355.6	317.5	..	..	..
15	8.0	11.5	11.3	..	..	..	9.9	18.6	9.1	..	..	..
16	25.4	27.8	24.2	..	..	..	32.5	38.1	27.9	..	..	..
17	57.0	56.2	53.3	..	..	..	47.9	62.7	53.2	..	..	..
18	107.2	103.1	107.2	..	..	..	101.2	108.4	98.3	..	..	..
19	118.9	119.2	120.3	..	..	..	119.0	127.7	129.0	..	..	..
20-24	977.2	937.9	905.0	..	..	..	976.3	963.2	919.3	..	..	..
20	146.4	143.2	140.6	..	..	..	146.9	151.8	138.2	..	..	..
21	172.7	167.4	163.0	..	..	..	170.6	172.8	171.6	..	..	..
22	198.9	192.2	177.9	..	..	..	199.2	196.5	191.0	..	..	..
23	221.9	206.5	207.4	..	..	..	219.1	211.2	202.0	..	..	..
24	237.4	228.6	216.2	..	..	..	240.5	230.9	216.5	..	..	..
Total	1,293.6	1,255.8	1,221.4	..	..	..	1,286.9	1,318.7	1,236.8	..	..	..
ALL PERSONS												
15-19	1,278.0	1,296.8	1,321.0	..	..	..	1,284.7	1,299.9	1,321.1	..	..	..
15	256.5	263.5	266.4	..	..	..	259.4	263.4	265.6	..	..	..
16	259.1	260.5	266.8	..	..	..	260.0	261.0	268.5	..	..	..
17	252.6	260.6	264.5	..	..	..	254.2	262.6	264.6	..	..	..
18	253.9	255.4	262.3	..	..	..	254.3	255.5	262.7	..	..	..
19	255.8	256.8	261.0	..	..	..	256.8	257.3	259.7	..	..	..
20-24	1,360.8	1,343.0	1,327.4	..	..	..	1,355.0	1,339.6	1,325.1	..	..	..
20	258.2	259.1	261.2	..	..	..	258.8	258.9	260.9	..	..	..
21	262.9	263.8	262.9	..	..	..	263.4	263.1	262.3	..	..	..
22	271.7	265.9	264.0	..	..	..	268.4	265.8	263.0	..	..	..
23	279.6	272.8	266.2	..	..	..	277.9	271.6	266.8	..	..	..
24	288.5	281.4	273.1	..	..	..	286.5	280.1	272.2	..	..	..
Total	2,638.9	2,639.8	2,648.4	..	..	..	2,639.6	2,639.4	2,646.2	..	..	..

(a) Whether or not attending to gain a recognised educational qualification. Excluded from attendance are persons attending courses of less than one semester's full-time study, and persons whose study would not lead to an educational qualification.

**12. PERSONS AGED 15 TO 19 ATTENDING SCHOOL: AGE AND TYPE OF SCHOOL ATTENDING
(^{'000})**

Age	Government school	Catholic school	Other non-government school	Total non-government school(a)	Total(b)
15	83.7	23.3	17.3	45.3	128.9
16	71.7	22.8	16.9	44.1	116.3
17	46.5	23.6	9.8	37.5	84.1
18	19.9	5.8	5.4	13.1	33.2
19	* 1.4	** 0.0	** 0.0	** 0.0	* 1.4
Total	223.2	75.6	49.3	139.9	363.9
FEMALES					
15	84.0	23.7	17.0	41.8	125.7
16	76.3	22.7	16.0	39.3	115.7
17	62.8	20.8	15.0	37.0	100.0
18	18.0	5.6	* 1.9	8.0	26.0
19	** 0.3	** 0.6	** 0.1	** 0.7	* 1.0
Total	241.4	73.3	49.9	126.7	368.4
PERSONS					
15	167.6	47.0	34.3	87.0	254.6
16	148.0	45.5	32.8	83.4	232.0
17	109.4	44.4	24.7	74.5	184.0
18	37.9	11.4	7.3	21.0	59.2
19	* 1.7	** 0.6	** 0.1	** 0.7	* 2.4
Total	464.7	148.9	99.3	266.6	732.3

(a) Includes boarding school pupils who were not asked the type of school they were attending. (b) Includes a small number of other students who were not asked the type of school they were attending.

13. PERSONS AGED 15 TO 24: ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF INSTITUTION, SELECTED YEARS

	Males			Females			Persons		
	1993 '000	1996 '000	1999 '000	1993 '000	1996 '000	1999 '000	1993 '000	1996 '000	1999 '000
Attending school	338.7	343.3	364.7	353.3	351.5	370.0	692.0	694.8	734.7
Attending a tertiary institution	332.3	342.0	370.5	307.7	321.5	351.4	640.0	663.5	721.8
Higher education	161.8	174.8	196.7	189.2	195.3	229.2	350.9	370.1	425.9
TAFE	148.9	147.0	148.2	92.5	93.5	88.9	241.4	240.5	237.1
Other(a)	21.7	20.2	25.6	26.0	32.7	33.3	47.7	52.9	58.9
Total	671.0	685.3	735.1	661.0	672.9	721.3	1,332.0	1,358.3	1,456.5

(a) Includes business colleges, industry skills centres and other educational institutions.

**14. MAIN SURVEY POPULATIONS BY STATES AND TERRITORIES
(^{'000})**

	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT(a)</i>	<i>ACT</i>	<i>Aust.</i>
<i>Population 1:</i> Persons aged 15-24	878.5	662.4	500.1	198.6	271.3	63.8	22.2	49.4	2,646.2
<i>Population 2:</i> Persons aged 15-24 who were attending an educational institution in September 1999	502.2	392.5	251.7	102.3	136.4	31.9	10.3	29.3	1,456.5
<i>Population 3:</i> Persons aged 15-24 who were attending a tertiary institution in September 1999	251.2	201.5	118.8	45.8	73.5	11.5	4.3	15.2	721.8
<i>Population 4:</i> Employed persons aged 15-24	524.2	409.2	312.7	120.4	176.3	34.3	15.2	31.8	1,624.1
<i>Population 5:</i> Unemployed persons aged 15-24	89.0	67.5	58.7	20.6	27.4	7.8	1.9	4.3	277.2
<i>Population 6:</i> Persons aged 15-19	440.1	322.5	253.9	99.9	136.4	34.5	10.5	23.3	1,321.1
<i>Population 7:</i> Persons aged 15-19 who were attending a school in September 1999	250.6	190.6	132.3	56.1	62.9	20.1	5.9	13.9	732.3
<i>Population 8:</i> Persons aged 15-24 who were attending a tertiary institution to gain a recognised educational qualification	234.3	191.3	110.0	42.3	67.8	10.6	3.7	14.6	674.7
<i>Population 9:</i> Persons aged 15-24 whose course of study would not lead to a recognised educational qualification	12.0	8.0	6.1	* 1.3	* 2.7	* 0.5	** 0.3	* 0.6	31.5
<i>Population 10:</i> Persons aged 15-24 whose course of study was less than one semester's full-time duration	* 4.9	* 2.2	* 2.7	* 2.2	* 3.0	** 0.3	** 0.3	** 0.0	15.6

(a) Refers to mainly urban areas only. See paragraph 4 of the Explanatory Notes.

EXPLANATORY NOTES

INTRODUCTION

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

2 Of the respondents to the LFS, those who fell within the scope of the supplementary survey were asked additional questions. They were asked whether they were attending an educational institution and, if so, the type of educational institution and the type of attendance.

SCOPE

3 The scope of this supplementary survey was restricted to persons aged 15–24 and excluded the following persons:

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

4 The survey was conducted in both urban and rural areas in all States and Territories, but excluded from the sample persons living in remote and sparsely settled parts of Australia. The exclusion of these persons will have only a minor impact on any aggregate estimates that are produced for individual States and Territories, with the exception of the Northern Territory where such persons account for over 20% of the population.

COVERAGE

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

DEFINITIONS

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

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

RESULTS OF THE SURVEY

8 Due to differences in the method of estimation used in this supplementary survey and that used in the LFS, there are some small variations between estimates in this publication and those in the corresponding issue of *Labour Force, Australia* (Cat. no. 6203.0).

RESULTS OF THE SURVEY
continued

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

10 Results of similar surveys, conducted annually since September 1988, have been given in previous issues of this publication.

COMPARABILITY OF
SERIES ESTIMATES

11 It is estimated that approximately one-third of all 14-year-olds turn 15 between May and September each year and are therefore included in the scope of the survey. This boosts school attendance estimates of 15–19-year-olds by between 30,000 and 65,000 in September in comparison to the May survey estimates. While a similar number of persons become 25 (and thus out of scope) between the two survey dates, the education participation rate of 24-year-olds (about 18%) is significantly less than that of 15-year-olds (95%) resulting in only a small reduction in student numbers.

12 A separate balancing factor is the number of students who complete or drop out of tertiary courses between May and September. In recent years, this has resulted in tertiary attendance levels 40,000–90,000 lower in September compared to May estimates.

13 This survey will not be conducted again. Similar information has been, and will continue to be available from the annual May survey of *Transition from Education to Work, Australia* (Cat. no. 6227.0).

BENCHMARK REVISION

14 From February 1999, the estimates from the monthly LFS and its supplementary surveys are based on population estimates from the 1996 Census of Population and Housing. While historical monthly labour force estimates were revised back to January 1995, estimates from the supplementary surveys conducted before February 1999 were not revised.

15 This change in the base population estimates should be considered when comparing the results of the supplementary surveys conducted before February 1999 with results of those conducted after February 1999.

ABS CLASSIFICATION OF
QUALIFICATIONS (ABSCQ)

16 The ABSCQ is used in this survey to describe Level of Course of current study. The ABSCQ classifies only formal education. Therefore courses of less than one semester's full-time study, or those not leading to a recognised qualification, are not within the scope of the ABSCQ.

17 Persons undertaking such courses are recognised for inclusion in estimates of attendance at an educational institution, but cannot be assigned to a level of course and have been excluded from tables reporting Level of Course data.

ABS CLASSIFICATION OF
QUALIFICATIONS (ABSCQ)
continued

18 Level of Course data is collected in a number of ABS surveys. Differing methodologies may be utilised depending on the purpose and scope of the various collections. To enable reasonable comparisons between data from this and other surveys, levels of 'Undergraduate diploma' and 'Associate diploma' have been aggregated in this survey, as have the levels of 'Skilled vocational' and 'Basic vocational' qualifications, and will not be shown separately in any survey output.

19 Disaggregated data on Level of Course, as well as Field of Study information, is available from the survey of *Transition from Education to Work, Australia* (Cat. no. 6227.0) run in May of each year. For further information contact the officer indicated at the front of this publication.

RELIABILITY OF THE
ESTIMATES

20 Estimates in this publication are subject to sampling and non-sampling errors. For more information refer to the Technical notes.

ESTIMATION PROCEDURE

21 The estimates are derived from the population survey by use of a ratio estimation procedure, which ensures that the estimates conform to an independently estimated distribution of the population for each capital city and remainder of State by age, labour force status and sex, rather than to the corresponding distribution within the sample itself.

GENERAL
ACKNOWLEDGMENT

22 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

23 Other ABS publications which may be of interest include:

ABS Classification of Qualifications (ABSCQ) (Cat. no. 1262.0) — issued irregularly, latest issue 1993

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

Education and Training in Australia (Cat. no. 4224.0) — issued irregularly, latest issue 1998, released in February 1999

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

Schools, Australia (Cat. no. 4221.0) — issued annually, latest issue 1999, released in April 2000

Transition from Education to Work, Australia (Cat. no. 6227.0) — issued annually, latest issue May 1999, released in December 1999

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

TECHNICAL NOTES

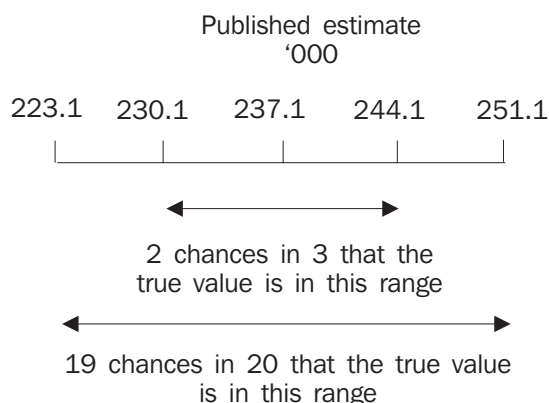
ESTIMATION PROCEDURE

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

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

CALCULATION OF STANDARD ERRORS

An example of the calculation and the use of SEs in relation to estimates of persons is as follows. Table 1 shows the estimated number of persons aged 15–24 who, in September 1999, were attending a TAFE, as 237,100. Since this estimate is between 200,000 and 300,000 in the SE table, the SE for Australia will be between 6,550 and 7,650 and can be approximated by interpolation as 7,000 (rounded to the nearest 100). Therefore, there are about two chances in three that the true value will fall within the range 230,100 to 244,100, and about 19 chances in 20 that the value will fall within the range 223,100 to 251,100. This example is illustrated in the diagram below.



CALCULATION OF STANDARD
ERRORS *continued*

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

PROPORTIONS AND
PERCENTAGES

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:

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

Considering the example from the previous page, the 237,100 persons represent 32.8% of the 721,800 persons aged 15–24 who were attending tertiary institutions in September 1999. The SE of 721,800 is approximately 10,600, so the RSE is 1.5%. The RSE for 237,100 is 2.9%. Applying the above formula, the RSE of the proportion is $\sqrt{(2.9)^2 - (1.5)^2}$ or 2.5%, giving a SE for the proportion (32.8%) of 0.8 percentage points. Therefore, there are about two chances in three that the proportion of persons aged 15–24 who were attending a TAFE in September 1999 is between 32.0% and 33.6%, and 19 chances in 20 that the proportion is within the range 31.2% to 34.4%.

DIFFERENCES

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:

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

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

DIFFERENCES *continued*

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

STANDARD ERRORS FOR SEPTEMBER 1999 SURVEY ESTIMATES

Size of estimate	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.	Proportion of estimate
	no.	no.	no.	no.	no.	no.	no.	no.	no.	%
100	..	..	..	170	..	110	120	140	80	80.0
200	..	180	270	220	230	150	150	170	140	70.0
300	230	240	330	270	280	180	180	190	200	66.7
500	340	340	420	330	350	220	220	230	290	58.0
700	430	420	490	380	410	250	260	250	370	52.9
1 000	550	530	580	440	480	290	300	280	470	47.0
1 500	720	670	690	520	570	340	350	330	610	40.7
2 000	860	790	790	590	650	380	390	360	730	36.5
2 500	1 000	900	850	650	700	400	450	400	850	34.0
3 000	1 100	1 000	950	700	750	450	450	400	950	31.7
3 500	1 200	1 050	1 000	750	800	500	500	450	1 050	30.0
4 000	1 300	1 150	1 100	800	850	500	500	450	1 100	27.5
5 000	1 450	1 250	1 200	850	950	550	550	500	1 250	25.0
7 000	1 700	1 500	1 400	1 000	1 100	650	650	600	1 550	22.1
10 000	2 050	1 750	1 600	1 150	1 250	700	700	650	1 850	18.5
15 000	2 450	2 100	1 900	1 350	1 500	850	850	800	2 250	15.0
20 000	2 800	2 350	2 200	1 500	1 650	950	950	900	2 600	13.0
30 000	3 300	2 750	2 600	1 800	1 950	1 100	1 100	1 050	3 150	10.5
40 000	3 650	3 100	2 900	2 000	2 200	1 250	1 200	1 150	3 550	8.9
50 000	3 950	3 300	3 200	2 200	2 350	1 350	1 300	1 300	3 900	7.8
100 000	4 950	4 200	4 250	2 900	3 050	1 750	1 650	1 750	5 100	5.1
150 000	5 600	4 850	5 050	3 400	3 500	2 000	1 900	2 100	5 900	3.9
200 000	6 150	5 450	5 650	3 800	3 900	2 250	2 100	2 400	6 550	3.3
300 000	7 200	6 450	6 650	4 450	4 450	2 600	..	2 850	7 650	2.6
500 000	8 900	8 100	8 150	5 450	5 300	3 100	..	..	9 300	1.9
1 000 000	12 450	11 350	10 700	7 150	6 600	..	..	..	12 150	1.2
2 000 000	18 300	16 450	13 950	9 350	8 150	..	..	..	16 050	0.8
5 000 000	32 850	28 350	19 650	..	..	..	..	..	24 600	0.5
10 000 000	..	..	..	..	..	..	..	..	43 150	0.4
25%(a)	6 789	5 192	4 582	2 647	3 153	1 270	1 327	1 219	5 149	..
50%(b)	1 327	1 132	1 300	808	923	391	418	429	806	..

(a) Estimates with a 25% standard error. (b) Estimates with a 50% standard error.

GLOSSARY

Africa (excluding North Africa)	Includes Mauritius, South Africa and other Africa (excluding North Africa).
The Americas	Includes Argentine Republic, Brazil, Canada, Chile, Mexico, Peru, United States of America, Uruguay, South America, Central America, and the Carribean (not elsewhere classified) and Northern America (not elsewhere classified).
Associate diploma courses	The entry requirement is usually the completion of Year 12 or the completion of Year 10 and a prerequisite certificate course. The duration of study ranges from one to two years full-time study or its equivalent. Advanced Certificates, Technician Certificates and Certificates of Technology are included in this level as they have broadly the same theoretical orientation as associate diplomas.
Attending an educational institution	Unless otherwise stated, is all persons enrolled at an educational institution for a course of study at the time of the survey. This includes persons studying for recognised educational qualifications, persons on short courses (i.e. whose duration of course of study is of less than the equivalent of one semester's full-time study); and persons whose course of study was not expected to lead to the awarding of an educational qualification.
Bachelor degree courses	The entry requirement is the satisfactory completion of Year 12 or its equivalent. The duration of study ranges from three to six years full-time study or its equivalent.
Basic vocational courses	Often require Year 10 completion, however many courses have no formal entry requirements. The duration of study ranges from one semester to one year of full-time study or equivalent.
Business college	Includes private business colleges or establishments that offer training or educational courses such as secretarial studies, business management, marketing, etc.
Education participation rate	The number of persons attending an educational institution in any group expressed as a percentage of the civilian population in the same group.
Educational institution	Any institution with a primary role of education. Included are schools, higher education establishments, colleges of technical and further education, public and private colleges. Excluded are institutions where the primary role is not education, for example hospitals.

Employed	<p>Persons who, during the reference week:</p> <ul style="list-style-type: none"> ■ worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (comprising employees, employers and own account workers); or ■ worked for one hour or more without pay in a family business or on a farm (i.e. contributing family workers); or ■ were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the reference week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the reference week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or ■ were employers, own account workers or contributing family workers who had a job, business or farm, but were not at work.
Europe and the former USSR	<p>Includes Albania, Austria, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, Yugoslavia, Montenegro, France, Germany, Greece, Hungary, Italy, Latvia, Lithuania, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom and Ireland, the former USSR and the Baltic States (not elsewhere classified) and Other Europe (not elsewhere classified).</p>
Full-time attendance	<p>Persons who consider themselves to be attending full-time, or the institution which they are attending so classifies them.</p>
Government schools	<p>All schools administered by the relevant State and Territory Governments.</p>
Higher degree courses	<p>Includes doctorates and masters degrees. The minimum entry requirements are usually a masters degree or first class honours for a doctorate and first class honours for a masters degree. The duration of study is a minimum of two to four years for a doctorate and two years full-time or equivalent for a masters degree.</p>
Higher education institutions	<p>Includes all institutions providing higher education courses (e.g. universities and university colleges); institutes of tertiary education; agricultural colleges and some institutes of technology.</p>
Labour force participation rate	<p>Estimate of the labour force in any group expressed as a percentage of the civilian population in the same group.</p>
Industry skills centre	<p>Consists of vocation-oriented training centres which provide accredited courses (e.g. automotive skills centres and retail skills centres).</p>
Middle East and North Africa	<p>Includes Iran, Jordan, Iraq, Israel, Lebanon, Syria, Turkey, Egypt and the Middle East and North Africa (not elsewhere classified).</p>

Northern America	Includes Canada, United States of America and other Northern America.
North-East Asia	Includes China, Taiwan, Hong Kong, Japan, the Republic of Korea and other North-East Asia (not elsewhere classified).
Oceania	Includes Fiji, New Caledonia, Vanuatu, New Zealand, Papua New Guinea and Oceania (not elsewhere classified).
Other educational institutions	Includes institutions or establishments that offer educational courses that lead to qualifications such as hairdressing etc., and instances where insufficient information was available to determine the type of educational institution.
Part-time attendance	Persons who consider themselves to be attending part-time, or the institution which they are attending so classifies them.
Postgraduate diploma courses	Includes graduate certificates. The entry requirement is usually the successful completion of a bachelor degree or an undergraduate diploma. The duration of study ranges from six months (for a graduate certificate) to one year full-time study or equivalent.
Skilled vocational courses	The entry requirement is usually the completion of Year 10 or its equivalent. In addition, some courses may require a student to be concurrently employed in that specific field. The duration of study is two to four years, and typically involves some on-the-job training.
South and Central America and Carribean	Includes Argentine Republic, Brazil, Chile, Mexico, Peru, Uruguay and other South and Central America, and the Carribean.
South-East Asia	Includes Myanmar, Cambodia, Indonesia, Laos, Malaysia, Philippines, Singapore, Viet Nam, Thailand and South-East Asia (not elsewhere classified).
Southern Asia	Includes Bangladesh, India, Pakistan, Sri Lanka and Southern Asia (not elsewhere classified).
Study for a recognised educational qualification	For the purposes of this survey, this is study that will lead to the awarding of a qualification which falls within the scope of the ABSCQ. This excludes study not leading to the attainment of any award or qualification, and study where the entire duration of the course is of less than the equivalent of one full-time semester.
TAFE	College of Technical and Further Education.
Tertiary institutions	Any educational institution offering post-school courses.

Undergraduate diploma courses The entry requirement is usually the successful completion of Year 12 or its equivalent. The duration of study is three years full-time study or its equivalent. Certain other qualifications are classified to this level on the basis that their entry requirements, duration of study and theoretical orientation are regarded as being equivalent to those of undergraduate diplomas, for example, Certificate in Psychiatric Nursing.

Unemployed Persons 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 would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the reference week); or
- were waiting to start a new job within four weeks from the end of the reference week and would have started in the reference week if the job had been available then; or
- were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the reference week (including the whole of the reference week) for reasons other than bad weather or plant breakdown.

Unemployment rate The number of unemployed persons in any group expressed as a percentage of the labour force in the same group.

DATA ITEMS FROM THIS SURVEY

UNPUBLISHED DATA

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

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

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

POPULATIONS

- 1 Persons aged 15–24 in September 1999 (including boarding school pupils but excluding persons who are institutionalised or permanently unable to work)
- 2 Persons aged 15–24 who were attending an educational institution in September 1999
- 3 Persons aged 15–24 who were attending a tertiary institution in September 1999
- 4 Employed persons aged 15–24
- 5 Unemployed persons aged 15–24
- 6 Persons aged 15–19
- 7 Persons aged 15–19 who were attending school in September 1999
- 8 Persons aged 15–24 who were attending a tertiary institution to gain a recognised educational qualification
- 9 Persons aged 15–24 attending an educational institution in September 1999 whose course of study would not lead to a recognised educational qualification
- 10 Persons aged 15–24 attending an educational institution in September 1999 whose course of study was less than the equivalent of one semester's full-time study

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

<i>Variable</i>	<i>Characteristics</i>	<i>Populations</i>
7A Birthplace	<p>Born in Australia</p> <p>Born outside Australia</p> <p> Born in main English-speaking countries(a)</p> <p> Born in other countries</p> <p>Not asked (boarding school pupils)</p> <p>(a) Comprises United Kingdom and Ireland, New Zealand, Canada, United States of America and South Africa.</p> <p>Note: More detailed country groupings available.</p>	All
7B Birthplace	<p>Born in Australia</p> <p>Born outside Australia</p> <p> Oceania</p> <p> New Zealand</p> <p> Europe and the former USSR</p> <p> Germany</p> <p> Greece</p> <p> Italy</p> <p> Netherlands</p> <p> United Kingdom and Ireland</p> <p> Former Yugoslav Republics</p> <p> Middle East and North Africa</p> <p> Lebanon</p> <p> Africa (excluding North Africa)</p> <p> South-East Asia</p> <p> Malaysia</p> <p> Philippines</p> <p> Viet Nam</p> <p> North-East Asia</p> <p> China</p> <p> Southern Asia</p> <p> North America</p> <p> South America, Central America and the Caribbean</p> <p>Not asked (boarding school pupils)</p>	All
8 Period of arrival	<p>Born in Australia</p> <p>Born outside Australia</p> <p> Arrived before 1971</p> <p> Arrived 1971–80</p> <p> Arrived 1981–90</p> <p> Arrived 1991–99</p> <p>Not asked (boarding school pupils)</p>	All

<i>Variable</i>	<i>Characteristics</i>	<i>Populations</i>
9 Age (years)	15–19 15 16 17 18 19 20–24 20 21 22 23 24	All
Note: Other age groupings are available.		
10 Labour force status	Labour force Employed Full-time workers Part-time workers Unemployed Looking for full-time work Looking for part-time work Not in labour force Unemployment rate Participation rate	1–3, 6–10
11 Type of employment	Full-time workers Part-time workers	4
12 Duration of employment	Under 2 weeks 2 and under 4 weeks 4 and under 8 weeks 8 and under 13 weeks 13 and under 26 weeks 26 and under 39 weeks 39 and under 52 weeks 52 and under 65 weeks 65 and under 78 weeks 78 and under 91 weeks 91 and under 104 weeks 104 weeks and over Average duration of unemployment	5
13 Whether had worked full-time	Had never worked full-time Had worked full-time Not asked (stood down/no work)	5
14 Whether looking for full-time or part-time work	Looking for full-time work Looking for part-time work	5

<i>Variable</i>	<i>Characteristics</i>	<i>Populations</i>
15 Whether attending an educational institution in September 1999	Attending in September 1999 For a recognised educational qualification Study not expected to lead to a recognised educational qualification Study of less than one semester's duration Not attending in September 1999	1, 4–6
16 Type of attendance in September 1999	Full-time Part-time	2, 3, 7, 8–10
17 Type of educational institution attending in September 1999	School Tertiary Higher education TAFE Business college Industry skills centre Other	2, 3, 8–10
18 Whether attending an educational institution and level of course in September 1999	Attending recognised study in September 1999 Master degree/doctorate Postgraduate diploma Bachelor degree Undergraduate diploma and associate diploma Skilled and basic vocational course Secondary school course Attending non-recognised study in September 1999 Study not leading to a qualification Study of less than one semester's duration Not attending in September 1999	1, 4–6
19 Whether attending school in September 1999	Attending school in September 1999 Not attending school in September 1999	1, 4–6
20 Type of school attending in September 1999	Government/State Non-government Catholic Other Boarding school pupils Not asked (persons aged 21–24)	7
21 Type of school last attended	Government/State Non-government Catholic Other Still at school Never attended school	1–6, 8–10

<i>Variable</i>	<i>Characteristics</i>	<i>Populations</i>
22 Year left school	Attending school in September 1999 Not attending school in September 1999 Left before 1998 Left during 1998 Left during 1999 Not asked Never attended school	1-6, 8-10
23 Whether attending an educational institution, type of institution and type of attendance in September 1999	Attending in September 1999 School Full-time Part-time Tertiary Full-time Part-time Higher education Full-time Part-time TAFE Full-time Part-time Other(a) Full-time Part-time Total Full-time Part-time Not attending in September 1999	1-6, 8-10

(a) Includes business colleges, industry skills centres and other undefined educational institutions.

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