## PARTICIPATION IN EDUCATION

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- For more information about these and related statistics, contact
Leo Stinson in Canberra on 026252 7793, or refer to the back cover of this publication.


## NOTES

SCOPE

SYMBOLS AND OTHER USAGES

The statistics in this publication relate to persons aged 15-24 in September 1998.

| 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 too high for most practical uses |
| . | 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

TYPE OF SCHOOL LAST ATTENDED

STATE OF RESIDENCE

COUNTRY OF BIRTH

SCHOOL PARTICIPATION FOR PERSONS AGED 15-19

TERTIARY PARTICIPATION

EDUCATIONAL INSTITUTIONS

Some 1,355,500 persons aged 15-24 years were attending an educational institution in September 1998, representing 51\% of the population in this age range. In 1993, $49 \%$ of this age group were participating in education. Full-time attendance at tertiary education institutions was 57,900 (14\%) higher than in 1993, while part-time attendance was 35,700 (15\%) lower (table 7).

The number of students in September 1998 was 23,500 (2\%) higher than in 1993, despite a 70,800 drop in the number of $15-24$ year olds over the same period. The numbers at school show little movement between 1993 and 1998. Tertiary student numbers were 22,200 higher in 1998 than in 1993 (table 7).

Some 693,300 persons aged 15-24 were attending school, 403,200 persons were attending higher education institutions, and 210,500 persons were at Technical and Further Education (TAFE) institutions. The remaining 48,600 persons were at business colleges, industry skills centres or other educational institutions (table 1).

Of participants in tertiary education seeking a recognised educational qualification, $60 \%$ had attended government schools. The equivalent figure for higher education institutions was $53 \%$, while at TAFE the proportion was 72\% (table 8).

The education participation rate for 15-24 year olds was highest in the Australian Capital Territory at 59\%, while Victoria (55\%) and New South Wales (53\%) were also above the national average of $51 \%$. The mix of institutions shows only minor variations across States and Territories, with New South Wales having 15\% of its 15-24 year olds at higher education institutions and $9 \%$ at TAFE. Victoria had $17 \%$ attending higher education institutions and $8 \%$ at TAFE (table 3).

Of 15-24 year olds born overseas, $62 \%$ were attending an educational institution in September 1998, compared to $49 \%$ of persons born in Australia (table 4).

The school participation rate of persons aged 15-19 years has changed little over the period 1993 to 1998, and is currently at its lowest rate (53.2\%) for this period (table 7).

Participation in tertiary education by 15-24 year olds increased by 22,200 between 1993 and 1998 (from 24\% to 25\%). Part-time tertiary student numbers fell by 35,700 over this period, while full-time student numbers increased by 57,900 (table 7 ).

There were 403,200 higher education students aged 15-24 years in September 1998, 61,000 more than in September 1992 and 38,900 more than in 1995. TAFE students numbered 210,500 in September 1998, a decrease of 26,600 from the 1992 figure and 18,400 less than in 1995 (table 13).

EDUCATIONAL INSTITUTIONS continued

STUDY FOR A RECOGNISED EDUCATIONAL QUALIFICATION

MIXING WORK AND
EDUCATION

Some 679,600 males and 676,000 females aged 15-24 were attending educational institutions in September 1998. The 3,600 difference in the number of males and females participating in education compares to 14,000 in 1995 and 35,700 in 1992 (table 13).

There were 34,200 more females than males in higher education institutions (compared to 23,700 more in 1995 and 19,900 more in 1992), and 53,700 more males than females at TAFE (the difference was 51,900 in 1995 and 54,700 in 1992) (table 13).

PERSONS AGED 15-24, PERCENTAGE IN EDUCATION IN SEPTEMBER 1998


In September 1998, 627,700 persons were studying for a recognised educational qualification at a tertiary institution, $61 \%(380,500)$ of whom were studying for a bachelor degree or higher qualification. A further $22 \%$ $(138,900)$ were in vocational courses, and $15 \%(94,600)$ were studying for an undergraduate or associate diploma (table 9).

Of the 252,500 former non-government school students studying for a recognised educational qualification at a tertiary institution, $71 \%$ were studying for a bachelor degree or higher qualification. The equivalent proportion for former government school students was $54 \%$ (table 8).

Of the 191,200 female tertiary students who were employed in September 1998, 50,300 (26\%) were working full-time and studying part-time, and 121,600 (64\%) were working part-time and studying full-time. Of the 206,000 male tertiary students who were employed, 96,600 (47\%) were working full-time and studying part-time, and 89,200 (43\%) were working part-time and studying full-time (table 6).

## LIST OF TABLES

PERSONS AGED 15-24
STUDYING FOR A RECOGNISED EDUCATIONAL QUALIFICATION

PERSONS AGED 15-19

PERSONS AGED 15-24
(SELECTED YEARS)

MAIN SURVEY POPULATIONS

1 Whether attending an educational institution, type of institution attending, type of attendance, age and sex

2 Whether attending an educational institution, type of institution attending, type of attendance, labour force status and age

3 Whether attending an educational institution, type of institution attending, age and States and Territories

4 Whether attending an educational institution, birthplace and type of educational institution attending

5 Attending a tertiary institution, type of institution attending, type of attendance, type of school last attended and sex

6 Attending a tertiary institution, sex, type of school last attended, labour force status and type of attendance

7 Whether attending an educational institution, type of institution attending, type of attendance, age and education participation rate, September 1993 to September 1998

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

9 Attending a tertiary institution to gain a recognised educational qualification, type of institution attending, level of course, age and sex

10 Attending a tertiary institution to gain a recognised educational qualification, level of course, labour force status and sex

11 Whether attending an educational institution to gain a recognised educational qualification, type of institution attending, type of attendance and age, May 1996 to May 1998 and September 1996 to September 199816

12 Attending school, age, type of school attending and sex

13 Attending an educational institution, type of institution attending and sex, September 1992, September 1995 and September 1998

14 Main survey populations by States and Territories

1. PERSONS AGED 15 TO 24: WHETHER ATTENDING, TYPE OF INSTITUTION, TYPE OF ATTENDANCE AND AGE ('000)

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



[^0]3. PERSONS AGED 15 TO 24: WHETHER ATTENDING, TYPE OF INSTITUTION, AGE AND STATES AND TERRITORIES ('000)

| Whether institutio <br> attending attending | Age |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Total |
| NEW SOUTH WALES |  |  |  |  |  |  |  |  |  |  |  |
| All persons attending educational institutions - | 81.7 | 75.9 | 66.9 | 52.8 | 45.3 | 37.5 | 33.2 | 27.1 | 21.6 | 20.1 | 462.1 |
| School | 80.4 | 71.8 | 56.6 | 19.8 | * 2.9 | * 0.4 | * 0.0 | * 0.4 | * 0.0 | * 0.0 | 232.2 |
| Tertiary(a) | * 1.3 | * 4.1 | 10.3 | 33.0 | 42.4 | 37.1 | 33.2 | 26.7 | 21.6 | 20.1 | 229.9 |
| Higher education | * 0.0 | * 0.0 | * 1.1 | 14.8 | 26.0 | 24.4 | 24.0 | 18.4 | 14.4 | 8.3 | 131.3 |
| TAFE | * 1.3 | * 3.4 | 8.8 | 14.9 | 14.2 | 10.9 | 8.2 | 6.4 | * 4.4 | 9.8 | 82.1 |
| Not attending | * 5.3 | 10.5 | 20.2 | 31.4 | 38.3 | 46.6 | 52.6 | 59.9 | 68.3 | 74.2 | 407.5 |
| Total | 87.0 | 86.4 | 87.1 | 84.3 | 83.6 | 84.0 | 85.8 | 87.0 | 89.9 | 94.4 | 869.6 |
| VICTORIA |  |  |  |  |  |  |  |  |  |  |  |
| All persons attending educational institutions - | 59.5 | 54.6 | 52.4 | 43.2 | 39.9 | 32.6 | 26.0 | 19.8 | 17.2 | 15.5 | 360.7 |
| School | 58.9 | 52.6 | 47.6 | 21.5 | * 1.5 | * 0.6 | * 0.0 | * 0.0 | * 0.0 | * 0.0 | 182.7 |
| Tertiary(a) | * 0.6 | * 2.0 | 4.8 | 21.6 | 38.5 | 32.1 | 26.0 | 19.8 | 17.2 | 15.5 | 178.0 |
| Higher education | * 0.0 | * 0.0 | * 0.6 | 13.5 | 24.5 | 22.4 | 17.6 | 14.2 | 11.6 | 9.7 | 114.2 |
| TAFE | * 0.3 | * 1.8 | * 3.7 | 6.9 | 12.6 | 9.1 | 6.7 | * 3.5 | 5.3 | * 3.7 | 53.7 |
| Not attending | * 3.1 | 8.1 | 11.4 | 20.5 | 25.0 | 33.4 | 40.6 | 47.7 | 51.4 | 54.9 | 296.2 |
| Total | 62.6 | 62.7 | 63.8 | 63.7 | 65.0 | 66.1 | 66.6 | 67.5 | 68.6 | 70.4 | 656.9 |
| QUEENSLAND |  |  |  |  |  |  |  |  |  |  |  |
| All persons attending educational institutions - | 47.8 | 41.2 | 37.0 | 25.6 | 20.4 | 19.3 | 16.4 | 10.2 | 13.5 | 8.2 | 239.6 |
| School | 47.5 | 39.7 | 30.9 | 4.0 | * 0.0 | * 0.4 | * 0.0 | * 0.3 | * 0.0 | * 0.0 | 122.8 |
| Tertiary(a) | * 0.3 | * 1.5 | 6.1 | 21.7 | 20.4 | 18.8 | 16.4 | 9.9 | 13.5 | 8.2 | 116.8 |
| Higher education | * 0.0 | * 0.0 | 4.2 | 14.5 | 14.5 | 14.8 | 12.3 | 7.0 | 9.2 | 4.7 | 81.2 |
| TAFE | * 0.0 | * 1.2 | * 1.4 | 5.8 | 5.4 | 3.8 | * 3.0 | * 1.6 | * 2.9 | * 1.4 | 26.5 |
| Not attending | 4.5 | 10.4 | 14.0 | 24.5 | 29.7 | 30.8 | 34.4 | 41.6 | 39.3 | 45.8 | 275.0 |
| Total | 52.3 | 51.6 | 51.0 | 50.1 | 50.1 | 50.1 | 50.9 | 51.8 | 52.8 | 53.9 | 514.6 |
| SOUTH AUSTRALIA |  |  |  |  |  |  |  |  |  |  |  |
| All persons attending educational institutions - | 19.3 | 17.6 | 13.7 | 11.0 | 8.7 | 5.6 | 7.0 | 4.8 | 3.5 | 4.2 | 95.5 |
| School | 19.1 | 17.3 | 13.0 | 4.1 | * 1.1 | * 0.3 | * 0.2 | * 0.0 | * 0.5 | * 0.0 | 55.5 |
| Tertiary(a) | * 0.2 | * 0.3 | * 0.6 | 6.9 | 7.6 | 5.3 | 6.9 | 4.8 | 3.1 | 4.2 | 40.0 |
| Higher education | * 0.0 | * 0.0 | * 0.0 | 3.5 | 3.3 | 3.5 | 5.1 | * 2.4 | * 1.6 | * 1.8 | 21.3 |
| TAFE | * 0.2 | * 0.3 | * 0.6 | 3.1 | 4.1 | * 1.6 | * 1.7 | * 1.7 | * 0.9 | * 1.0 | 15.3 |
| Not attending | * 1.2 | 2.6 | 6.3 | 8.3 | 10.7 | 13.8 | 12.6 | 14.6 | 16.1 | 15.7 | 101.9 |
| Total | 20.5 | 20.2 | 20.0 | 19.3 | 19.4 | 19.4 | 19.6 | 19.4 | 19.6 | 19.9 | 197.4 |
| WESTERN AUSTRALIA |  |  |  |  |  |  |  |  |  |  |  |
| All persons attending educational institutions - | 23.7 | 22.5 | 20.4 | 12.6 | 13.7 | 10.5 | 7.9 | 6.4 | 5.8 | 5.4 | 129.1 |
| School | 23.7 | 20.6 | 13.8 | * 1.9 | * 1.1 | * 0.0 | * 0.0 | * 0.0 | * 0.0 | * 0.0 | 61.1 |
| Tertiary(a) | * 0.0 | * 1.9 | 6.7 | 10.7 | 12.6 | 10.5 | 7.9 | 6.4 | 5.8 | 5.4 | 68.0 |
| Higher education | * 0.0 | * 0.3 | * 2.2 | 5.4 | 7.2 | 5.7 | 4.6 | 3.7 | 3.8 | * 2.8 | 35.6 |
| TAFE | * 0.0 | * 0.9 | 4.3 | 4.5 | 4.4 | 3.1 | * 2.0 | * 0.8 | * 1.3 | * 2.7 | 24.1 |
| Not attending | 3.5 | 4.4 | 6.4 | 12.7 | 12.7 | 16.0 | 19.1 | 20.9 | 21.3 | 21.8 | 138.9 |
| Total | 27.2 | 26.9 | 26.9 | 25.3 | 26.4 | 26.5 | 27.0 | 27.3 | 27.1 | 27.3 | 268.0 |
| TASMANIA |  |  |  |  |  |  |  |  |  |  |  |
| All persons attending educational institutions - | 7.0 | 6.2 | 5.7 | 3.0 | 2.3 | 1.7 | * 1.4 | 1.9 | * 1.3 | * 0.9 | 31.4 |
| School | 7.0 | 6.0 | 4.9 | * 1.0 | * 0.0 | * 0.0 | * 0.1 | * 0.0 | * 0.1 | * 0.0 | 19.2 |
| Tertiary(a) | * 0.0 | * 0.2 | * 0.8 | 1.9 | 2.3 | 1.7 | * 1.2 | 1.9 | * 1.2 | * 0.9 | 12.2 |
| Higher education | * 0.0 | * 0.0 | * 0.0 | * 0.8 | 1.8 | * 1.2 | * 0.5 | * 1.3 | * 0.8 | * 0.4 | 6.8 |
| TAFE | * 0.0 | * 0.2 | * 0.8 | * 1.1 | * 0.5 | * 0.6 | * 0.7 | * 0.4 | * 0.5 | * 0.1 | 5.0 |
| Not attending | * 0.2 | * 0.8 | 1.7 | 3.3 | 4.1 | 4.4 | 4.5 | 3.9 | 4.4 | 5.0 | 32.4 |
| Total | 7.2 | 7.1 | 7.4 | 6.2 | 6.4 | 6.2 | 5.9 | 5.8 | 5.8 | 5.8 | 63.8 |
| NORTHERN TERRITORY(b) |  |  |  |  |  |  |  |  |  |  |  |
| All persons attending educational institutions - | 2.2 | * 1.5 | * 1.4 | * 0.9 | * 0.6 | * 0.3 | * 0.7 | * 0.4 | * 0.1 | * 0.5 | 8.5 |
| School | 2.2 | * 1.4 | * 1.4 | * 0.7 | * 0.1 | * 0.0 | * 0.0 | * 0.0 | * 0.0 | * 0.0 | 5.8 |
| Tertiary | * 0.0 | * 0.1 | * 0.0 | * 0.1 | * 0.5 | * 0.3 | * 0.7 | * 0.4 | * 0.1 | * 0.5 | 2.6 |
| Not attending | * 0.1 | * 0.4 | * 0.6 | * 1.2 | * 1.2 | * 1.5 | * 1.4 | * 1.3 | 2.2 | 2.1 | 11.9 |
| Total | 2.3 | * 1.9 | * 2.0 | 2.1 | * 1.8 | * 1.7 | 2.1 | * 1.7 | 2.3 | 2.6 | 20.4 |
| AUSTRALIAN CAPITAL TERRITORY |  |  |  |  |  |  |  |  |  |  |  |
| All persons attending educational institutions - | 4.3 | 4.0 | 4.0 | 3.3 | 2.2 | 2.7 | 2.8 | 2.1 | 2.0 | 1.2 | 28.7 |
| School | 4.2 | 4.0 | 3.8 | 1.6 | * 0.3 | * 0.1 | * 0.0 | * 0.0 | * 0.0 | * 0.0 | 14.0 |
| Tertiary(a) | * 0.1 | * 0.0 | * 0.2 | 1.7 | 1.9 | 2.6 | 2.8 | 2.1 | 2.0 | 1.2 | 14.7 |
| Higher education | * 0.0 | * 0.0 | * 0.1 | * 0.9 | 1.1 | 1.5 | 2.5 | 2.1 | 1.5 | * 0.8 | 10.4 |
| TAFE | * 0.1 | * 0.0 | * 0.1 | * 0.6 | * 0.8 | * 0.9 | * 0.3 | * 0.0 | * 0.5 | * 0.3 | 3.5 |
| Not attending | * 0.1 | * 0.2 | * 0.4 | 1.3 | 2.4 | 2.2 | 2.5 | 3.1 | 3.5 | 4.5 | 20.2 |
| Total | 4.3 | 4.3 | 4.4 | 4.6 | 4.6 | 4.9 | 5.3 | 5.3 | 5.5 | 5.7 | 48.8 |
| AUSTRALIA |  |  |  |  |  |  |  |  |  |  |  |
| All persons attending educational institutions - | 245.6 | 223.6 | 201.5 | 152.4 | 133.1 | 110.3 | 95.3 | 72.8 | 65.0 | 56.0 | 1,355.5 |
| School | 243.0 | 213.4 | 171.9 | 54.7 | 6.9 | * 1.8 | * 0.3 | * 0.7 | * 0.5 | * 0.0 | 693.3 |
| Tertiary(a) | * 2.6 | 10.2 | 29.6 | 97.7 | 126.3 | 108.4 | 95.0 | 72.0 | 64.4 | 56.0 | 662.2 |
| Higher education | * 0.0 | * 0.3 | 8.3 | 53.6 | 78.8 | 73.7 | 67.3 | 49.4 | 42.9 | 29.0 | 403.2 |
| TAFE | * 2.0 | 7.9 | 19.7 | 37.0 | 41.9 | 30.0 | 22.8 | 14.4 | 15.8 | 19.0 | 210.5 |
| Not attending | 17.8 | 37.4 | 61.1 | 103.1 | 124.2 | 148.7 | 167.9 | 193.0 | 206.6 | 224.1 | 1,283.9 |
| Total | 263.4 | 261.0 | 262.6 | 255.5 | 257.3 | 258.9 | 263.1 | 265.8 | 271.6 | 280.1 | 2,639.4 |

[^1]
## 4. PERSONS AGED 15 TO 24: BIRTHPLACE, WHETHER ATTENDING AND TYPE OF INSTITUTION

 ('000)| Birthplace | Tertiary educational institution |  |  |  |  | Not |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | School | Higher education | TAFE | Other | Total |  |  |
| Born in Australia | 584.9 | 280.8 | 176.2 | 35.2 | 492.3 | 1,128.5 | 2,205.6 |
| Born outside Australia | 86.4 | 122.4 | 34.2 | 13.3 | 169.9 | 155.4 | 411.8 |
| Oceania | 11.6 | 7.8 | * 3.1 | * 0.6 | 11.5 | 38.2 | 61.2 |
| Europe and the Former USSR | 26.5 | 17.1 | 10.8 | * 4.1 | 32.0 | 50.5 | 109.1 |
| Middle East and North Africa | * 3.8 | * 2.1 | * 1.4 | * 0.8 | 4.3 | 8.8 | 16.9 |
| Africa (excl. North Africa) | 5.3 | * 4.1 | * 2.1 | * 0.4 | 6.7 | 7.9 | 19.9 |
| Southeast Asia | 14.9 | 50.9 | 9.7 | * 2.3 | 63.0 | 29.2 | 107.1 |
| Northeast Asia | 16.1 | 30.8 | 5.5 | * 3.6 | 39.9 | 5.3 | 61.3 |
| Southern Asia | * 4.0 | 5.3 | * 0.0 | * 1.0 | 6.3 | * 4.0 | 14.3 |
| Northern America | * 1.7 | * 1.7 | * 0.3 | * 0.1 | * 2.1 | 5.6 | 9.4 |
| South America, Central America and the Carribean | * 2.3 | * 2.5 | * 1.4 | * 0.4 | 4.2 | 5.9 | 12.5 |
| Total(a) | 693.3 | 403.2 | 210.5 | 48.6 | 662.2 | 1,283.9 | 2,639.4 |

(a) Includes 22,050 boarding school pupils who were not asked their country of birth.
5. PERSONS AGED 15 TO 24 IN TERTIARY EDUCATION: TYPE OF INSTITUTION(a) AND TYPE OF SCHOOL LAST ATTENDED ('000)

(a) Includes the type of attendance at each institution. (b) Includes a small number of persons who never went to school. (c) 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

| Sex and type of school last attended | In the labour force |  |  |  |  | Not in labour force | Total | Unemployment rate -per | Participation ratecent-$\qquad$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Employed |  |  | Unempployed-'000- | Total |  |  |  |  |
|  | Full-time | Part-time | Total |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| ATTENDING TERTIARY FULL-TIME |  |  |  |  |  |  |  |  |  |
| Males(a) | 6.6 | 89.2 | 95.9 | 19.0 | 114.9 | 103.3 | 218.2 | 16.5 | 52.7 |
| Government | * 4.2 | 46.8 | 51.0 | 11.5 | 62.5 | 61.2 | 123.7 | 18.4 | 50.6 |
| Non-government | * 2.5 | 42.4 | 44.9 | 7.5 | 52.4 | 42.2 | 94.5 | 14.3 | 55.4 |
| Catholic | * 1.4 | 23.4 | 24.8 | * 2.6 | 27.4 | 17.9 | 45.3 | * 9.4 | 60.5 |
| Other | * 1.1 | 19.0 | 20.1 | 4.9 | 25.0 | 24.3 | 49.3 | 19.7 | 50.7 |
| Females(a) | 5.2 | 121.6 | 126.8 | 16.0 | 142.9 | 103.0 | 245.9 | 11.2 | 58.1 |
| Government | * 3.2 | 63.6 | 66.8 | 11.1 | 77.9 | 64.9 | 142.8 | 14.2 | 54.6 |
| Non-government | * 2.0 | 58.0 | 60.0 | 5.0 | 65.0 | 38.1 | 103.1 | 7.7 | 63.0 |
| Catholic | * 1.0 | 31.1 | 32.1 | * 2.7 | 34.7 | 17.4 | 52.2 | * 7.6 | 66.6 |
| Other | * 1.0 | 26.9 | 27.9 | * 2.3 | 30.2 | 20.7 | 50.9 | * 7.7 | 59.4 |
| Persons(a) | 11.9 | 210.9 | 222.7 | 35.0 | 257.8 | 206.3 | 464.1 | 13.6 | 55.5 |
| Government | 7.4 | 110.5 | 117.9 | 22.6 | 140.4 | 126.0 | 266.5 | 16.1 | 52.7 |
| Non-government | 4.5 | 100.4 | 104.9 | 12.5 | 117.3 | 80.3 | 197.6 | 10.6 | 59.4 |
| Catholic | * 2.3 | 54.6 | 56.9 | 5.2 | 62.1 | 35.3 | 97.5 | 8.4 | 63.7 |
| Other | * 2.1 | 45.8 | 48.0 | 7.2 | 55.2 | 44.9 | 100.2 | 13.1 | 55.1 |
| ATTENDING TERTIARY PART-TIME |  |  |  |  |  |  |  |  |  |
| Males(a) | 96.6 | 13.5 | 110.1 | 7.1 | 117.2 | * 3.5 | 120.6 | 6.1 | 97.1 |
| Government | 67.0 | 8.4 | 75.4 | 4.2 | 79.6 | * 2.7 | 82.3 | 5.2 | 96.7 |
| Non-government | 29.6 | 5.1 | 34.7 | * 2.5 | 37.2 | * 0.8 | 38.0 | * 6.8 | 98.0 |
| Catholic | 20.3 | * 2.7 | 23.0 | * 2.0 | 25.1 | * 0.4 | 25.4 | * 8.1 | 98.6 |
| Other | 9.4 | * 2.3 | 11.7 | * 0.5 | 12.2 | * 0.4 | 12.6 | * 4.0 | 96.7 |
| Females(a) | 50.3 | 14.1 | 64.4 | 5.1 | 69.4 | 8.1 | 77.5 | 7.3 | 89.6 |
| Government | 34.1 | 8.1 | 42.1 | 4.2 | 46.4 | 6.5 | 52.9 | 9.1 | 87.7 |
| Non-government | 16.3 | 6.0 | 22.2 | * 0.8 | 23.1 | * 1.5 | 24.6 | * 3.6 | 93.8 |
| Catholic | 9.7 | * 4.1 | 13.8 | * 0.1 | 13.9 | * 1.5 | 15.5 | * 1.0 | 90.1 |
| Other | 6.6 | * 1.9 | 8.5 | * 0.7 | 9.2 | * 0.0 | 9.2 | * 7.6 | 100.0 |
| Persons(a) | 146.9 | 27.5 | 174.4 | 12.2 | 186.6 | 11.5 | 198.1 | 6.5 | 94.2 |
| Government | 101.0 | 16.5 | 117.5 | 8.4 | 125.9 | 9.2 | 135.1 | 6.7 | 93.2 |
| Non-government | 45.9 | 11.1 | 56.9 | * 3.4 | 60.3 | * 2.3 | 62.6 | * 5.6 | 96.3 |
| Catholic | 29.9 | 6.8 | 36.8 | * 2.2 | 39.0 | * 1.9 | 40.9 | * 5.6 | 95.4 |
| Other | 15.9 | 4.2 | 20.1 | * 1.2 | 21.3 | * 0.4 | 21.7 | * 5.5 | 98.1 |
| TOTAL |  |  |  |  |  |  |  |  |  |
| Males(a) | 103.3 | 102.7 | 206.0 | 26.1 | 232.1 | 106.8 | 338.8 | 11.2 | 68.5 |
| Government | 71.2 | 55.2 | 126.4 | 15.7 | 142.1 | 63.9 | 205.9 | 11.0 | 69.0 |
| Non-government | 32.1 | 47.5 | 79.6 | 10.0 | 89.6 | 42.9 | 132.5 | 11.2 | 67.6 |
| Catholic | 21.6 | 26.2 | 47.8 | 4.6 | 52.4 | 18.2 | 70.7 | 8.8 | 74.2 |
| Other | 10.5 | 21.3 | 31.8 | 5.4 | 37.2 | 24.7 | 61.8 | 14.5 | 60.1 |
| Females(a) | 55.5 | 135.7 | 191.2 | 21.1 | 212.3 | 111.1 | 323.4 | 9.9 | 65.7 |
| Government | 37.3 | 71.7 | 109.0 | 15.3 | 124.3 | 71.4 | 195.7 | 12.3 | 63.5 |
| Non-government | 18.2 | 64.0 | 82.2 | 5.8 | 88.1 | 39.6 | 127.7 | 6.6 | 69.0 |
| Catholic | 10.7 | 35.2 | 45.9 | * 2.8 | 48.7 | 19.0 | 67.7 | * 5.8 | 71.9 |
| Other | 7.6 | 28.8 | 36.4 | * 3.0 | 39.4 | 20.7 | 60.1 | * 7.7 | 65.6 |
| Persons(a) | 158.8 | 238.4 | 397.2 | 47.2 | 444.4 | 217.8 | 662.2 | 10.6 | 67.1 |
| Government | 108.4 | 126.9 | 235.4 | 31.0 | 266.3 | 135.3 | 401.6 | 11.6 | 66.3 |
| Non-government | 50.3 | 111.5 | 161.8 | 15.8 | 177.6 | 82.6 | 260.2 | 8.9 | 68.3 |
| Catholic | 32.3 | 61.4 | 93.7 | 7.4 | 101.1 | 37.2 | 138.3 | 7.3 | 73.1 |
| Other | 18.1 | 50.1 | 68.1 | 8.4 | 76.5 | 45.4 | 121.9 | 11.0 | 62.8 |

(a) Includes a small number of persons who never went to school.
7. PERSONS AGED 15 TO 24: WHETHER ATTENDING AN EDUCATIONAL INSTITUTION SEP 1993(a) TO SEP 1998

|  | Number |  |  |  |  |  | Education participation rate |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Age | $\begin{array}{r} 1993 \\ (’ 000) \end{array}$ | $\begin{gathered} 1994 \\ (’ 000) \end{gathered}$ | $\begin{array}{r} 1995 \\ (’ 000) \end{array}$ | $\begin{array}{r} 1996 \\ (’ 000) \end{array}$ | $\begin{array}{r} 1997 \\ (’ 000) \end{array}$ | $\begin{gathered} 1998 \\ (\prime 000) \end{gathered}$ | $\begin{array}{r} 1993 \\ \% \end{array}$ | $\begin{array}{r} 1994 \\ \% \end{array}$ | $\begin{array}{r} 1995 \\ \% \end{array}$ | $\begin{array}{r} 1996 \\ \% \end{array}$ | $\begin{array}{r} 1997 \\ \% \end{array}$ | $\begin{array}{r} 1998 \\ \% \end{array}$ |
| ATTENDING SCHOOL |  |  |  |  |  |  |  |  |  |  |  |  |
| 15-19 | 685.4 | 691.2 | 677.7 | 689.1 | 700.3 | 690.0 | 53.8 | 54.5 | 54.1 | 54.1 | 54.5 | 53.1 |
| 15 | 238.1 | 237.7 | 236.6 | 244.6 | 245.6 | 243.0 | 95.9 | 95.4 | 94.4 | 94.8 | 94.7 | 92.3 |
| 16 | 209.7 | 208.4 | 208.2 | 206.9 | 214.4 | 213.4 | 84.7 | 83.4 | 83.0 | 81.7 | 82.5 | 81.8 |
| 17 | 170.6 | 174.3 | 168.2 | 175.4 | 176.2 | 171.9 | 67.8 | 69.3 | 65.0 | 69.3 | 69.3 | 65.5 |
| 18 | 57.9 | 62.3 | 56.0 | 56.6 | 57.8 | 54.7 | 22.4 | 24.5 | 22.0 | 22.3 | 22.7 | 21.4 |
| 19 | 9.0 | 8.6 | 8.8 | 5.6 | 6.4 | 6.9 | 3.4 | 3.3 | 3.1 | 2.2 | 2.5 | 2.7 |
| 20-24 | 6.6 | 6.2 | 8.4 | 5.6 | 4.7 | * 3.3 | 0.5 | 0.4 | 0.7 | 0.4 | 0.3 | * 0.2 |
| 20 | * 3.6 | * 2.7 | 4.5 | * 3.2 | * 2.7 | * 1.8 | * 1.3 | * 1.0 | 1.7 | * 1.2 | * 1.1 | * 0.7 |
| 21 | * 1.2 | * 1.0 | * 2.2 | * 0.8 | * 0.6 | * 0.3 | * 0.4 | * 0.4 | * 1.1 | * 0.3 | * 0.2 | * 0.1 |
| 22 | * 0.5 | * 1.6 | * 0.6 | * 1.4 | * 1.0 | * 0.7 | * 0.2 | * 0.5 | * 0.2 | * 0.5 | * 0.4 | * 0.3 |
| 23 | * 0.8 | * 0.7 | * 0.9 | * 0.2 | * 0.5 | * 0.5 | * 0.3 | * 0.2 | * 0.3 | * 0.0 | * 0.2 | * 0.2 |
| 24 | * 0.5 | * 0.2 | * 0.2 | * 0.0 | * 0.0 | * 0.0 | * 0.2 | * 0.1 | * 0.2 | * 0.0 | * 0.0 | * 0.0 |
| Total | 692.0 | 697.4 | 686.1 | 694.8 | 705.0 | 693.3 | 25.5 | 25.9 | 26.6 | 26.1 | 26.7 | 26.3 |
| ATTENDING TERTIARY FULL-TIME |  |  |  |  |  |  |  |  |  |  |  |  |
| 15-19 | 172.3 | 163.6 | 170.7 | 184.2 | 209.7 | 197.3 | 13.5 | 12.9 | 13.5 | 14.5 | 16.3 | 15.2 |
| 15 | * 0.5 | * 0.4 | * 0.8 | * 0.7 | * 1.7 | * 1.1 | * 0.2 | * 0.2 | * 0.4 | * 0.3 | * 0.7 | * 0.4 |
| 16 | 4.9 | 4.2 | 4.7 | 7.2 | 6.8 | 5.6 | 2.0 | 1.7 | 1.9 | 2.8 | 2.6 | 2.2 |
| 17 | 11.9 | 11.6 | 17.4 | 14.9 | 19.5 | 19.5 | 4.7 | 4.6 | 7.3 | 5.9 | 7.7 | 7.4 |
| 18 | 69.9 | 66.0 | 66.4 | 72.7 | 78.3 | 73.3 | 27.0 | 26.0 | 26.4 | 28.7 | 30.8 | 28.7 |
| 19 | 85.1 | 81.3 | 81.5 | 88.6 | 103.3 | 97.8 | 31.8 | 31.0 | 32.4 | 34.7 | 40.2 | 38.0 |
| 20-24 | 234.0 | 226.7 | 242.2 | 244.4 | 262.3 | 266.8 | 16.3 | 15.9 | 17.3 | 17.6 | 19.4 | 19.9 |
| 20 | 81.9 | 78.4 | 82.9 | 77.5 | 87.8 | 86.3 | 29.5 | 29.0 | 30.8 | 29.8 | 33.9 | 33.3 |
| 21 | 59.8 | 58.1 | 58.6 | 69.2 | 71.3 | 68.2 | 20.4 | 20.8 | 21.4 | 25.8 | 27.1 | 25.9 |
| 22 | 43.5 | 36.6 | 47.0 | 45.9 | 44.2 | 45.5 | 14.5 | 12.6 | 16.9 | 16.6 | 16.5 | 17.1 |
| 23 | 26.6 | 29.7 | 31.0 | 28.7 | 33.4 | 38.3 | 9.3 | 10.0 | 11.1 | 10.1 | 12.0 | 14.1 |
| 24 | 22.1 | 23.9 | 22.6 | 22.9 | 25.6 | 28.5 | 7.9 | 8.4 | 7.6 | 7.7 | 8.9 | 10.2 |
| Total | 406.2 | 390.4 | 412.9 | 428.5 | 471.9 | 464.1 | 15.0 | 14.5 | 15.5 | 16.1 | 17.9 | 17.6 |
| ATTENDING TERTIARY PART-TIME |  |  |  |  |  |  |  |  |  |  |  |  |
| 15-19 | 86.5 | 82.6 | 80.8 | 77.5 | 78.8 | 69.0 | 6.8 | 6.5 | 6.1 | 6.1 | 6.1 | 5.3 |
| 15 | * 1.0 | * 0.7 | * 0.7 | * 1.5 | * 2.6 | * 1.5 | * 0.4 | * 0.3 | * 0.3 | * 0.6 | * 1.0 | * 0.6 |
| 16 | 4.1 | 7.1 | 6.2 | 5.7 | 7.6 | 4.5 | 1.6 | 2.9 | 2.7 | 2.3 | 2.9 | 1.7 |
| 17 | 10.4 | 10.7 | 11.2 | 14.4 | 12.8 | 10.1 | 4.1 | 4.2 | 4.9 | 5.7 | 5.0 | 3.9 |
| 18 | 26.9 | 29.8 | 23.9 | 25.5 | 23.9 | 24.4 | 10.4 | 11.7 | 9.3 | 10.0 | 9.4 | 9.6 |
| 19 | 44.1 | 34.3 | 38.8 | 30.4 | 31.9 | 28.5 | 16.5 | 13.1 | 13.8 | 11.9 | 12.4 | 11.1 |
| 20-24 | 147.3 | 141.4 | 151.7 | 157.5 | 142.3 | 129.1 | 10.3 | 9.9 | 10.3 | 11.4 | 10.5 | 9.6 |
| 20 | 29.7 | 33.0 | 29.2 | 35.7 | 27.1 | 22.2 | 10.7 | 12.2 | 10.7 | 13.8 | 10.5 | 8.6 |
| 21 | 34.1 | 29.2 | 30.2 | 27.1 | 26.6 | 26.8 | 11.6 | 10.5 | 9.9 | 10.1 | 10.1 | 10.2 |
| 22 | 31.7 | 27.2 | 28.5 | 38.4 | 31.8 | 26.6 | 10.5 | 9.3 | 10.4 | 13.9 | 11.8 | 10.0 |
| 23 | 25.3 | 28.5 | 30.9 | 26.5 | 30.6 | 26.1 | 8.9 | 9.6 | 10.3 | 9.3 | 11.0 | 9.6 |
| 24 | 26.4 | 23.5 | 32.9 | 29.7 | 26.2 | 27.5 | 9.5 | 8.2 | 10.3 | 10.0 | 9.2 | 9.8 |
| Total | 233.8 | 224.0 | 232.5 | 235.0 | 221.0 | 198.1 | 8.6 | 8.3 | 8.3 | 8.8 | 8.4 | 7.5 |
| TOTAL ATTENDING TERTIARY |  |  |  |  |  |  |  |  |  |  |  |  |
| 15-19 | 258.7 | 246.3 | 251.5 | 261.7 | 288.4 | 266.3 | 20.3 | 19.4 | 19.6 | 20.5 | 22.5 | 20.5 |
| 15 | * 1.5 | * 1.1 | * 1.5 | * 2.3 | 4.3 | * 2.6 | * 0.6 | * 0.4 | * 0.7 | * 0.9 | 1.7 | * 1.0 |
| 16 | 8.9 | 11.4 | 10.9 | 12.9 | 14.4 | 10.2 | 3.6 | 4.6 | 4.6 | 5.1 | 5.6 | 3.9 |
| 17 | 22.3 | 22.3 | 28.6 | 29.3 | 32.4 | 29.6 | 8.9 | 8.9 | 12.3 | 11.6 | 12.7 | 11.3 |
| 18 | 96.9 | 95.8 | 90.3 | 98.2 | 102.2 | 97.7 | 37.5 | 37.7 | 35.7 | 38.7 | 40.2 | 38.2 |
| 19 | 129.1 | 115.7 | 120.3 | 119.0 | 135.2 | 126.3 | 48.3 | 44.1 | 46.2 | 46.6 | 52.6 | 49.1 |
| 20-24 | 381.3 | 368.1 | 393.9 | 401.9 | 404.5 | 395.9 | 26.5 | 25.8 | 27.7 | 29.0 | 29.9 | 29.6 |
| 20 | 111.7 | 111.4 | 112.1 | 113.3 | 114.9 | 108.4 | 40.2 | 41.2 | 41.6 | 43.6 | 44.4 | 41.9 |
| 21 | 93.9 | 87.3 | 88.8 | 96.4 | 97.8 | 95.0 | 32.0 | 31.3 | 31.4 | 35.9 | 37.2 | 36.1 |
| 22 | 75.2 | 63.8 | 75.5 | 84.3 | 76.0 | 72.0 | 25.0 | 21.9 | 27.2 | 30.5 | 28.3 | 27.1 |
| 23 | 52.0 | 58.2 | 62.0 | 55.2 | 64.0 | 64.4 | 18.2 | 19.5 | 21.4 | 19.4 | 23.0 | 23.7 |
| 24 | 48.5 | 47.4 | 55.5 | 52.7 | 51.8 | 56.0 | 17.4 | 16.6 | 17.9 | 17.7 | 18.1 | 20.0 |
| Total | 640.0 | 614.4 | 645.5 | 663.5 | 693.0 | 662.2 | 23.6 | 22.8 | 23.7 | 24.9 | 26.3 | 25.1 |

[^2]7. PERSONS AGED 15 TO 24: WHETHER ATTENDING AN EDUCATIONAL INSTITUTION SEP 1993(a) TO SEP 1998 —continued

|  | Number |  |  |  |  |  | Education participation rate |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Age | $\begin{array}{r} 1993 \\ \text { ('000) } \\ \hline \end{array}$ | $\begin{array}{r} 1994 \\ (' 000) \\ \hline \end{array}$ | $\begin{array}{r} 1995 \\ (’ 000) \\ \hline \end{array}$ | $\begin{array}{r} 1996 \\ \text { ('000) } \\ \hline \end{array}$ | $\begin{array}{r} 1997 \\ \text { ('000) } \\ \hline \end{array}$ | $\begin{array}{r} 1998 \\ \text { ('000) } \end{array}$ | $\begin{array}{r} 1993 \\ \% \end{array}$ | $\begin{array}{r} 1994 \\ \% \end{array}$ | $\begin{array}{r} 1995 \\ \% \end{array}$ | $\begin{array}{r} 1996 \\ \% \end{array}$ | $\begin{array}{r} 1997 \\ \% \\ \hline \end{array}$ | $\begin{array}{r} 1998 \\ \% \end{array}$ |
| ATTENDING AN EDUCATIONAL INSTITUTION |  |  |  |  |  |  |  |  |  |  |  |  |
| 15-19 | 944.1 | 937.5 | 929.2 | 950.8 | 988.7 | 956.3 | 74.1 | 74.0 | 73.7 | 74.6 | 77.0 | 73.6 |
| 15 | 239.6 | 238.7 | 238.0 | 246.9 | 249.9 | 245.6 | 96.5 | 95.8 | 95.2 | 95.7 | 96.3 | 93.2 |
| 16 | 218.6 | 219.8 | 219.1 | 219.8 | 228.8 | 223.6 | 88.3 | 87.9 | 87.7 | 86.7 | 88.0 | 85.7 |
| 17 | 192.9 | 196.6 | 196.8 | 204.7 | 208.5 | 201.5 | 76.7 | 78.1 | 77.2 | 80.8 | 82.0 | 76.7 |
| 18 | 154.8 | 158.1 | 146.3 | 154.8 | 160.0 | 152.4 | 59.8 | 62.3 | 57.6 | 61.0 | 62.9 | 59.6 |
| 19 | 138.2 | 124.2 | 129.1 | 124.6 | 141.5 | 133.1 | 51.7 | 47.3 | 49.3 | 48.8 | 55.1 | 51.7 |
| 20-24 | 387.9 | 374.3 | 402.4 | 407.5 | 409.3 | 399.3 | 27.0 | 26.3 | 28.3 | 29.4 | 30.2 | 29.8 |
| 20 | 115.2 | 114.1 | 116.6 | 116.5 | 117.7 | 110.3 | 41.5 | 42.2 | 43.3 | 44.8 | 45.5 | 42.6 |
| 21 | 95.1 | 88.4 | 91.0 | 97.2 | 98.4 | 95.3 | 32.4 | 31.7 | 32.4 | 36.2 | 37.4 | 36.2 |
| 22 | 75.7 | 65.4 | 76.1 | 85.7 | 76.9 | 72.8 | 25.2 | 22.4 | 27.4 | 31.0 | 28.7 | 27.4 |
| 23 | 52.8 | 58.9 | 62.9 | 55.5 | 64.4 | 65.0 | 18.5 | 19.8 | 21.7 | 19.5 | 23.2 | 23.9 |
| 24 | 49.1 | 47.6 | 55.7 | 52.7 | 51.8 | 56.0 | 17.6 | 16.7 | 18.1 | 17.7 | 18.1 | 20.0 |
| Total | 1,332.0 | 1,311.8 | 1,331.6 | 1,358.3 | 1,398.0 | 1,355.5 | 49.2 | 48.7 | 50.4 | 51.0 | 53.0 | 51.4 |
| NOT ATTENDING AN EDUCATIONAL INSTITUTION |  |  |  |  |  |  |  |  |  |  |  |  |
| 15-19 | 329.5 | 329.7 | 335.4 | 323.1 | 295.9 | 343.6 |  |  |  |  |  |  |
| 15 | 8.7 | 10.4 | 12.4 | 11.2 | 9.6 | 17.8 |  |  |  |  |  |  |
| 16 | 29.0 | 30.1 | 31.2 | 33.6 | 31.1 | 37.4 |  |  |  |  |  |  |
| 17 | 58.7 | 55.0 | 54.7 | 48.6 | 45.7 | 61.1 |  |  |  |  |  |  |
| 18 | 103.9 | 95.8 | 108.0 | 98.8 | 94.3 | 103.1 |  |  |  |  |  |  |
| 19 | 129.3 | 138.3 | 129.1 | 131.0 | 115.3 | 124.2 |  |  |  |  |  |  |
| 20-24 | 1,048.6 | 1,050.1 | 1,014.4 | 979.4 | 945.7 | 940.3 |  |  | . |  |  | . |
| 20 | 162.7 | 156.3 | 149.6 | 143.5 | 141.1 | 148.7 |  |  |  |  |  |  |
| 21 | 198.1 | 190.4 | 182.9 | 171.3 | 164.9 | 167.9 |  |  |  |  |  |  |
| 22 | 225.0 | 226.3 | 206.2 | 191.0 | 191.4 | 193.0 |  |  |  |  |  |  |
| 23 | 232.8 | 239.1 | 231.2 | 229.1 | 213.5 | 206.6 |  |  |  |  |  |  |
| 24 | 230.0 | 238.0 | 244.5 | 244.7 | 234.7 | 224.1 |  |  | $\cdots$ | $\cdots$ |  |  |
| Total | 1,378.1 | 1,379.8 | 1,349.8 | 1,302.5 | 1,241.6 | 1,283.9 |  |  | . |  |  | . |
| TOTAL |  |  |  |  |  |  |  |  |  |  |  |  |
| 15-19 | 1,273.6 | 1,267.2 | 1,264.6 | 1,273.9 | 1,284.7 | 1,299.9 |  | . | . | . | . | . |
| 15 | 248.3 | 249.2 | 250.4 | 258.0 | 259.4 | 263.4 |  |  | . | . |  |  |
| 16 | 247.6 | 249.9 | 250.3 | 253.4 | 260.0 | 261.0 |  | . | . | . | . | . |
| 17 | 251.6 | 251.6 | 251.5 | 253.3 | 254.2 | 262.6 |  | . | . | . |  |  |
| 18 | 258.7 | 253.9 | 254.3 | 253.6 | 254.3 | 255.5 | . | . | . | . | . | . |
| 19 | 267.4 | 262.5 | 258.2 | 255.6 | 256.8 | 257.3 |  |  |  | . |  |  |
| 20-24 | 1,436.6 | 1,424.4 | 1,416.7 | 1,386.9 | 1,355.0 | 1,339.6 |  | . | . |  |  |  |
| 20 | 277.9 | 270.4 | 266.2 | 260.0 | 258.8 | 258.9 | $\cdots$ | . | . | . | . | . |
| 21 | 293.2 | 278.8 | 273.9 | 268.4 | 263.4 | 263.1 | . | . . | . . | . . | . | . |
| 22 | 300.8 | 291.7 | 282.3 | 276.7 | 268.4 | 265.8 | . | . | . | . | . |  |
| 23 | 285.6 | 298.0 | 294.1 | 284.5 | 277.9 | 271.6 | . | . | . . | . | . | . |
| 24 | 279.1 | 285.6 | 300.2 | 297.3 | 286.5 | 280.1 | . | . | . | . . | . | . |
| Total | 2,710.2 | 2,691.6 | 2,681.4 | 2,660.8 | 2,639.6 | 2,639.4 | . | . | -• | . | . | . |

(a) See Expanatory 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)

| Type of tertiary institution and level of course | Type of school last attended |  |  |  | Total(b) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Non-government |  |  |  |  |
|  | Government | Catholic | Other | Total |  |
| MALES |  |  |  |  |  |
| Higher education(c) | 95.7 | 41.3 | 47.1 | 88.4 | 184.1 |
| Postgraduate diploma or higher | 8.1 | * 1.5 | * 1.8 | * 3.3 | 11.4 |
| Bachelor degree | 81.6 | 37.9 | 43.0 | 81.0 | 162.6 |
| Undergraduate \& associate diploma | 4.5 | * 1.2 | * 1.1 | * 2.3 | 6.9 |
| TAFE(c) | 89.1 | 23.9 | 10.5 | 34.3 | 123.9 |
| Undergraduate \& associate diploma | 20.4 | 6.2 | * 3.9 | 10.1 | 30.9 |
| Skilled \& basic vocational | 64.6 | 16.1 | 6.4 | 22.4 | 87.1 |
| Other(c)(d) | 9.0 | * 2.1 | * 3.0 | 5.0 | 14.0 |
| Undergraduate \& associate diploma | 4.5 | * 1.1 | * 1.2 | * 2.3 | 6.8 |
| Skilled \& basic vocational | * 3.8 | * 0.5 | * 0.8 | * 1.3 | 5.1 |
| Total all institutions(e) | 193.9 | 67.2 | 60.6 | 127.8 | 322.1 |
| Master degree/doctorate | 5.0 | * 0.4 | * 0.9 | * 1.3 | 6.3 |
| Postgraduate diploma | * 3.1 | * 1.4 | * 1.4 | * 2.8 | 5.9 |
| Bachelor degree | 83.3 | 38.5 | 43.3 | 81.8 | 165.1 |
| Undergraduate \& associate diploma | 29.4 | 8.5 | 6.2 | 14.7 | 44.5 |
| Skilled \& basic vocational | 69.7 | 17.2 | 8.4 | 25.6 | 95.2 |
| FEMALES |  |  |  |  |  |
| Higher education(c) | 116.2 | 50.1 | 50.4 | 100.5 | 216.7 |
| Postgraduate diploma or higher | 6.8 | * 2.0 | * 1.8 | * 3.8 | 10.6 |
| Bachelor degree | 99.4 | 43.8 | 44.7 | 88.5 | 187.9 |
| Undergraduate \& associate diploma | 8.2 | * 3.1 | * 2.0 | 5.1 | 13.3 |
| TAFE(c) | 50.0 | 12.2 | 6.8 | 18.9 | 69.0 |
| Undergraduate \& associate diploma | 21.0 | 6.1 | * 3.2 | 9.3 | 30.3 |
| Skilled \& basic vocational | 22.9 | 5.3 | * 3.2 | 8.4 | 31.3 |
| Other(c)(d) | 14.7 | * 3.3 | * 2.0 | 5.2 | 19.9 |
| Undergraduate \& associate diploma | 5.2 | * 1.2 | * 0.0 | * 1.2 | 6.4 |
| Skilled \& basic vocational | 6.3 | * 1.0 | * 1.0 | * 2.0 | 8.4 |
| Total all institutions(e) | 180.9 | 65.5 | 59.2 | 124.7 | 305.6 |
| Master degree/doctorate | * 3.8 | * 1.2 | * 0.5 | * 1.7 | 5.5 |
| Postgraduate diploma | 4.5 | * 1.3 | * 1.6 | * 2.9 | 7.4 |
| Bachelor degree | 101.3 | 44.5 | 44.7 | 89.1 | 190.4 |
| Undergraduate \& associate diploma | 34.3 | 10.5 | 5.2 | 15.7 | 50.0 |
| Skilled \& basic vocational | 30.5 | 7.3 | 5.8 | 13.2 | 43.7 |
| PERSONS |  |  |  |  |  |
| Higher education(c) | 211.9 | 91.4 | 97.6 | 188.9 | 400.9 |
| Postgraduate diploma or higher | 14.9 | * 3.5 | * 3.6 | 7.1 | 22.0 |
| Bachelor degree | 181.0 | 81.8 | 87.7 | 169.5 | 350.5 |
| Undergraduate \& associate diploma | 12.7 | 4.4 | * 3.1 | 7.4 | 20.2 |
| TAFE(c) | 139.1 | 36.0 | 17.2 | 53.3 | 192.8 |
| Undergraduate \& associate diploma | 41.4 | 12.3 | 7.1 | 19.4 | 61.2 |
| Skilled \& basic vocational | 87.5 | 21.3 | 9.5 | 30.9 | 118.4 |
| Other(c)(d) | 23.7 | 5.3 | 4.9 | 10.3 | 34.0 |
| Undergraduate \& associate diploma | 9.7 | * 2.3 | * 1.2 | * 3.5 | 13.2 |
| Skilled \& basic vocational | 10.2 | * 1.5 | * 1.9 | * 3.3 | 13.5 |
| Total all institutions(e) | 374.8 | 132.7 | 119.8 | 252.5 | 627.7 |
| Master degree/doctorate | 8.8 | * 1.6 | * 1.4 | * 3.0 | 11.8 |
| Postgraduate diploma | 7.6 | * 2.7 | * 3.0 | 5.7 | 13.2 |
| Bachelor degree | 184.5 | 83.0 | 88.0 | 171.0 | 355.5 |
| Undergraduate \& associate diploma | 63.8 | 19.0 | 11.4 | 30.4 | 94.6 |
| Skilled \& basic vocational | 100.2 | 24.5 | 14.3 | 38.8 | 138.9 |

(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 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) | 61.9 | 78.9 | 140.8 | 122.2 | 137.8 | 260.1 | 184.1 | 216.7 | 400.9 |
| Postgraduate diploma or higher | * 0.3 | * 0.3 | * 0.6 | 11.1 | 10.3 | 21.5 | 11.4 | 10.6 | 22.0 |
| Bachelor degree | 59.1 | 71.9 | 131.0 | 103.5 | 116.0 | 219.5 | 162.6 | 187.9 | 350.5 |
| Undergraduate \& associate diploma | * 0.8 | 5.6 | 6.4 | 6.1 | 7.7 | 13.8 | 6.9 | 13.3 | 20.2 |
| TAFE(b) | 70.5 | 31.2 | 101.7 | 53.3 | 37.8 | 91.1 | 123.9 | 69.0 | 192.8 |
| Undergraduate \& associate diploma | 12.9 | 12.5 | 25.4 | 17.9 | 17.8 | 35.8 | 30.9 | 30.3 | 61.2 |
| Skilled \& basic vocational | 55.0 | 15.0 | 69.9 | 32.1 | 16.3 | 48.4 | 87.1 | 31.3 | 118.4 |
| Other(b)(c) | 4.3 | 7.6 | 11.9 | 9.7 | 12.3 | 22.0 | 14.0 | 19.9 | 34.0 |
| Undergraduate \& associate diploma | * 2.4 | * 2.0 | 4.4 | 4.4 | 4.4 | 8.8 | 6.8 | 6.4 | 13.2 |
| Skilled \& basic vocational | * 1.6 | 4.8 | 6.5 | * 3.5 | * 3.6 | 7.0 | 5.1 | 8.4 | 13.5 |
| Total(d) | 136.8 | 117.7 | 254.5 | 185.3 | 187.9 | 373.2 | 322.1 | 305.6 | 627.7 |
| Master degree/doctorate | * 0.0 | * 0.0 | * 0.0 | 6.3 | 5.5 | 11.8 | 6.3 | 5.5 | 11.8 |
| Postgraduate diploma | * 0.3 | * 0.3 | * 0.6 | 5.6 | 7.1 | 12.7 | 5.9 | 7.4 | 13.2 |
| Bachelor degree | 60.1 | 72.5 | 132.6 | 104.9 | 117.9 | 222.9 | 165.1 | 190.4 | 355.5 |
| Undergraduate \& associate diploma | 16.1 | 20.1 | 36.2 | 28.4 | 29.9 | 58.4 | 44.5 | 50.0 | 94.6 |
| Skilled \& basic vocational | 58.0 | 20.9 | 79.0 | 37.2 | 22.8 | 60.0 | 95.2 | 43.7 | 138.9 |

(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 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

|  | In the labour force |  |  |  |  | Not in labour force | Total | Unemployment rate | Participation rate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Employed |  |  | Unem- |  |  |  |  |  |
|  | Full-time | Part-time | Total | ployed | Total |  |  |  |  |
| Level of course |  |  |  | -'000- |  |  |  | -per | cent- |
| MALES |  |  |  |  |  |  |  |  |  |
| Postgrad. diploma or higher | * 3.8 | * 3.5 | 7.3 | * 0.5 | 7.8 | 4.3 | 12.1 | * 6.2 | 64.2 |
| Bachelor degree | 12.1 | 70.0 | 82.1 | 9.9 | 92.0 | 73.1 | 165.1 | 10.8 | 55.7 |
| Undergraduate \& associate diploma | 11.5 | 14.5 | 26.0 | 5.2 | 31.2 | 13.3 | 44.5 | 16.7 | 70.1 |
| Skilled \& basic vocational | 64.6 | 12.7 | 77.3 | 5.9 | 83.2 | 12.1 | 95.2 | 7.1 | 87.3 |
| Total(b) | 94.3 | 101.5 | 195.8 | 23.0 | 218.9 | 103.2 | 322.1 | 10.5 | 68.0 |
| FEMALES |  |  |  |  |  |  |  |  |  |
| Postgrad. diploma or higher | 5.9 | 4.5 | 10.4 | * 0.2 | 10.6 | * 2.3 | 12.9 | * 1.8 | 82.1 |
| Bachelor degree | 11.8 | 96.2 | 108.0 | 11.0 | 119.0 | 71.5 | 190.4 | 9.2 | 62.5 |
| Undergraduate \& associate diploma | 13.4 | 17.5 | 30.8 | 4.3 | 35.1 | 14.9 | 50.0 | 12.1 | 70.1 |
| Skilled \& basic vocational | 16.2 | 11.1 | 27.3 | * 2.9 | 30.2 | 13.5 | 43.7 | * 9.4 | 69.1 |
| Total(b) | 49.7 | 132.4 | 182.0 | 18.8 | 200.8 | 104.8 | 305.6 | 9.4 | 65.7 |
| PERSONS |  |  |  |  |  |  |  |  |  |
| Postgrad. diploma or higher | 9.7 | 8.0 | 17.7 | * 0.7 | 18.4 | 6.7 | 25.0 | * 3.7 | 73.4 |
| Bachelor degree | 23.9 | 166.2 | 190.1 | 20.9 | 210.9 | 144.6 | 355.5 | 9.9 | 59.3 |
| Undergraduate \& associate diploma | 24.8 | 32.0 | 56.8 | 9.5 | 66.3 | 28.2 | 94.6 | 14.3 | 70.1 |
| Skilled \& basic vocational | 80.9 | 23.8 | 104.6 | 8.7 | 113.4 | 25.6 | 138.9 | 7.7 | 81.6 |
| Total(b) | 144.0 | 233.9 | 377.9 | 41.8 | 419.7 | 208.0 | 627.7 | 10.0 | 66.9 |

[^3]11. PERSONS AGED 15 TO 24: WHETHER ATTENDING(a), MAY 1996 TO MAY 1998 AND SEP 1996 TO SEP 1998

|  | May |  |  |  |  |  | September |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number |  |  | Education participation rate |  |  | Number |  |  | Education participation rate |  |  |
| Age | $\begin{gathered} 1996 \\ (\prime 000) \end{gathered}$ | $\begin{array}{r} 1997 \\ \text { ('000) } \\ \hline \end{array}$ | $\begin{array}{r} 1998 \\ (\prime 000) \end{array}$ | $\begin{array}{r} 1996 \\ (\%) \end{array}$ | $\begin{array}{r} 1997 \\ (\%) \\ \hline \end{array}$ | $\begin{array}{r} 1998 \\ (\%) \end{array}$ | $\begin{array}{r} 1996 \\ (\prime 000) \\ \hline \end{array}$ | $\begin{array}{r} 1997 \\ (’ 000) \\ \hline \end{array}$ | $\begin{array}{r} 1998 \\ (\prime 000) \end{array}$ | $\begin{array}{r} 1996 \\ (\%) \\ \hline \end{array}$ | $\begin{array}{r} 1997 \\ (\%) \\ \hline \end{array}$ | $\begin{array}{r} 1998 \\ (\%) \\ \hline \end{array}$ |
| ATTENDING SCHOOL |  |  |  |  |  |  |  |  |  |  |  |  |
| 15-19 | 627.4 | 654.8 | 658.5 | 49.3 | 51.2 | 50.8 | 689.1 | 700.1 | 689.8 | 54.1 | 54.5 | 53.1 |
| 15 | 243.6 | 244.8 | 248.4 | 94.7 | 95.4 | 94.3 | 244.6 | 245.6 | 243.0 | 94.8 | 94.7 | 92.3 |
| 16 | 206.5 | 219.2 | 219.0 | 82.4 | 84.6 | 84.1 | 206.8 | 214.4 | 213.4 | 81.6 | 82.5 | 81.8 |
| 17 | 147.9 | 157.6 | 157.4 | 58.6 | 62.4 | 60.4 | 175.4 | 176.0 | 171.9 | 69.3 | 69.2 | 65.5 |
| 18 | 23.0 | 28.4 | 29.1 | 9.0 | 11.2 | 11.4 | 56.6 | 57.8 | 54.7 | 22.3 | 22.7 | 21.4 |
| 19 | 6.4 | * 4.8 | * 4.4 | 2.5 | * 1.9 | * 1.7 | 5.6 | 6.4 | 6.7 | 2.2 | 2.5 | 2.6 |
| 20-24 | * 4.0 | * 1.9 | * 3.6 | * 0.3 | * 0.1 | * 0.3 | 5.6 | 4.7 | * 3.2 | 0.4 | 0.3 | * 0.2 |
| 20 | * 2.2 | * 0.8 | * 2.3 | * 0.9 | * 0.3 | * 0.9 | * 3.2 | * 2.7 | * 1.8 | * 1.2 | * 1.1 | * 0.7 |
| 21 | * 0.6 | * 0.0 | * 0.3 | * 0.2 | * 0.0 | * 0.1 | * 0.8 | * 0.6 | * 0.2 | * 0.3 | * 0.2 | * 0.1 |
| 22 | * 0.3 | * 0.8 | * 0.3 | * 0.1 | * 0.3 | * 0.1 | * 1.4 | * 1.0 | * 0.7 | * 0.5 | * 0.4 | * 0.3 |
| 23 | * 0.8 | * 0.3 | * 0.4 | * 0.3 | * 0.1 | * 0.1 | * 0.2 | * 0.5 | * 0.5 | * 0.1 | * 0.2 | * 0.2 |
| 24 | * 0.0 | * 0.0 | * 0.2 | * 0.0 | * 0.0 | * 0.1 | * 0.0 | * 0.0 | * 0.0 | * 0.0 | * 0.0 | * 0.0 |
| Total | 631.4 | 656.7 | 662.0 | 23.6 | 24.9 | 25.1 | 694.6 | 704.9 | 693.1 | 26.1 | 26.7 | 26.3 |
| ATTENDING TERTIARY FULL-TIME |  |  |  |  |  |  |  |  |  |  |  |  |
| 15-19 | 216.9 | 226.8 | 226.8 | 17.1 | 17.7 | 17.5 | 178.7 | 203.9 | 193.3 | 14.0 | 15.9 | 14.9 |
| 15 | * 0.7 | * 2.4 | * 2.1 | * 0.3 | * 0.9 | * 0.8 | * 0.7 | * 1.7 | * 0.5 | * 0.3 | * 0.7 | * 0.2 |
| 16 | 6.4 | 6.6 | 6.3 | 2.6 | 2.6 | 2.4 | 6.2 | 5.9 | 5.3 | 2.5 | 2.3 | 2.0 |
| 17 | 32.2 | 26.4 | 29.4 | 12.8 | 10.5 | 11.3 | 13.3 | 18.3 | 18.7 | 5.2 | 7.2 | 7.1 |
| 18 | 86.4 | 90.5 | 91.7 | 34.0 | 35.6 | 35.9 | 71.9 | 75.7 | 72.0 | 28.3 | 29.8 | 28.2 |
| 19 | 91.3 | 100.8 | 97.3 | 35.4 | 39.4 | 37.9 | 86.5 | 102.3 | 96.8 | 33.9 | 39.8 | 37.6 |
| 20-24 | 244.3 | 245.1 | 245.1 | 17.5 | 18.0 | 18.3 | 238.8 | 253.9 | 261.0 | 17.2 | 18.7 | 19.5 |
| 20 | 84.2 | 83.6 | 81.3 | 32.1 | 32.4 | 31.4 | 77.2 | 85.2 | 84.8 | 29.7 | 32.9 | 32.8 |
| 21 | 60.5 | 61.5 | 62.2 | 22.4 | 23.4 | 23.6 | 67.7 | 68.9 | 67.7 | 25.2 | 26.1 | 25.7 |
| 22 | 41.8 | 43.4 | 43.0 | 15.0 | 16.0 | 16.2 | 43.6 | 42.8 | 44.4 | 15.8 | 16.0 | 16.7 |
| 23 | 33.0 | 31.6 | 34.5 | 11.5 | 11.3 | 12.6 | 28.1 | 32.0 | 37.1 | 9.9 | 11.5 | 13.7 |
| 24 | 24.8 | 25.0 | 24.2 | 8.2 | 8.7 | 8.6 | 22.2 | 25.0 | 26.9 | 7.5 | 8.7 | 9.6 |
| Total | 461.2 | 471.8 | 471.9 | 17.3 | 17.9 | 17.9 | 417.4 | 457.8 | 454.3 | 15.6 | 17.3 | 17.2 |


|  |  |  | ATTENDING TERTIARY PART-TIME |  |  |  |  |  |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $15-19$ | 84.1 | 80.0 | 93.6 | 6.6 | 6.3 | 7.2 | 68.1 | 70.1 | 61.2 | 5.3 | 5.5 |
| 15 | $* 0.9$ | $* 1.4$ | $* 1.5$ | $* 0.4$ | $* 0.5$ | $* 0.6$ | $* 1.3$ | $* 2.2$ | $* 1.2$ | $* 0.5$ | $* 0.8$ |
| 16 | 6.6 | 7.8 | 7.4 | 2.6 | 3.0 | 2.8 | 4.7 | 7.1 | 4.2 | 1.9 | 2.7 |
| 17 | 17.3 | 11.6 | 17.5 | 6.8 | 4.6 | 6.7 | 13.1 | 12.0 | 9.3 | 5.2 | 4.7 |
| 18 | 27.1 | 27.9 | 31.4 | 10.7 | 11.0 | 12.3 | 21.5 | 19.6 | 20.5 | 8.5 | 7.7 |
| 19 | 32.2 | 31.3 | 35.8 | 12.5 | 12.2 | 14.0 | 27.6 | 29.2 | 26.1 | 10.8 | 11.4 |
| $20-24$ | 166.5 | 136.7 | 156.4 | 11.9 | 10.0 | 11.6 | 133.8 | 120.0 | 112.2 | 9.7 | 8.9 |
| 20 | 36.9 | 27.5 | 32.3 | 14.1 | 10.6 | 12.5 | 32.4 | 24.0 | 20.5 | 12.5 | 9.3 |
| 21 | 39.3 | 28.8 | 33.9 | 14.6 | 10.9 | 12.9 | 22.4 | 23.3 | 22.4 | 8.3 | 8.9 |
| 22 | 32.4 | 28.6 | 30.4 | 11.6 | 10.5 | 11.4 | 32.8 | 25.4 | 24.2 | 11.9 | 9.5 |
| 23 | 28.3 | 25.7 | 31.4 | 9.9 | 9.2 | 11.5 | 21.1 | 26.3 | 22.7 | 7.4 | 9.5 |
| 24 | 29.6 | 26.1 | 28.5 | 9.9 | 9.1 | 10.1 | 25.1 | 21.1 | 22.3 | 8.4 | 7.3 |
|  |  |  |  |  |  |  |  |  | 8.4 |  |  |
| Total | 250.5 | 216.7 | 250.1 | 9.4 | 8.2 | 9.5 | 202.0 | 190.1 | 173.4 | 7.6 | 7.2 |


| 15-19 | 301.0 | 306.8 | 320.5 | 23.7 | 24.0 | 24.7 | 246.8 | 274.0 | 254.5 | 19.4 | 21.3 | 19.6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15 | * 1.6 | * 3.8 | * 3.6 | * 0.6 | * 1.5 | * 1.4 | * 2.0 | * 3.9 | * 1.7 | * 0.8 | * 1.5 | * 0.7 |
| 16 | 13.0 | 14.4 | 13.6 | 5.2 | 5.6 | 5.2 | 11.0 | 13.0 | 9.4 | 4.3 | 5.0 | 3.6 |
| 17 | 49.5 | 38.0 | 46.9 | 19.6 | 15.1 | 18.0 | 26.4 | 30.3 | 28.0 | 10.4 | 11.9 | 10.7 |
| 18 | 113.5 | 118.4 | 123.1 | 44.6 | 46.6 | 48.2 | 93.3 | 95.3 | 92.5 | 36.8 | 37.5 | 36.2 |
| 19 | 123.4 | 132.2 | 133.2 | 47.9 | 51.7 | 51.9 | 114.1 | 131.4 | 122.9 | 44.6 | 51.2 | 47.8 |
| 20-24 | 410.8 | 381.8 | 401.5 | 29.4 | 28.1 | 29.9 | 372.6 | 373.9 | 373.2 | 26.9 | 27.6 | 27.9 |
| 20 | 121.1 | 111.1 | 113.6 | 46.1 | 43.0 | 43.9 | 109.6 | 109.2 | 105.3 | 42.2 | 42.2 | 40.7 |
| 21 | 99.8 | 90.2 | 96.1 | 36.9 | 34.3 | 36.4 | 90.0 | 92.2 | 90.2 | 33.5 | 35.0 | 34.3 |
| 22 | 74.1 | 72.0 | 73.3 | 26.6 | 26.5 | 27.6 | 76.5 | 68.2 | 68.6 | 27.6 | 25.4 | 25.8 |
| 23 | 61.3 | 57.4 | 65.8 | 21.4 | 20.5 | 24.1 | 49.2 | 58.3 | 59.9 | 17.3 | 21.0 | 22.0 |
| 24 | 54.4 | 51.1 | 52.6 | 18.1 | 17.7 | 18.7 | 47.3 | 46.0 | 49.2 | 15.9 | 16.1 | 17.6 |
| Total | 711.7 | 688.6 | 722.0 | 26.6 | 26.1 | 27.4 | 619.4 | 647.9 | 627.7 | 23.3 | 24.5 | 23.8 |

[^4]| Age | May |  |  |  |  |  | September |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number |  |  | Education participation rate |  |  | Number |  |  | Education participation rate |  |  |
|  | $\begin{array}{r} \hline 1996 \\ (' 000) \\ \hline \end{array}$ | $\begin{array}{r} 1997 \\ (’ 000) \\ \hline \end{array}$ | $\begin{array}{r} 1998 \\ (\prime 000) \\ \hline \end{array}$ | $\begin{array}{r} 1996 \\ (\%) \end{array}$ | $\begin{array}{r} 1997 \\ (\%) \\ \hline \end{array}$ | $\begin{gathered} 1998 \\ (\%) \end{gathered}$ | $\begin{array}{r} 1996 \\ (’ 000) \\ \hline \end{array}$ | $\begin{array}{r} 1997 \\ (' 000) \\ \hline \end{array}$ | $\begin{array}{r} 1998 \\ \text { ('000) } \\ \hline \end{array}$ | $\begin{array}{r} 1996 \\ (\%) \end{array}$ | $\begin{array}{r} 1997 \\ (\%) \\ \hline \end{array}$ | $\begin{array}{r} 1998 \\ (\%) \end{array}$ |
| TOTAL ATTENDING AN EDUCATIONAL INSTITUTION |  |  |  |  |  |  |  |  |  |  |  |  |
| 15-19 | 928.4 | 961.6 | 978.9 | 73.0 | 75.2 | 75.5 | 935.8 | 974.1 | 944.3 | 73.5 | 75.8 | 72.6 |
| 15 | 245.2 | 248.5 | 252.0 | 95.3 | 96.9 | 95.7 | 246.6 | 249.5 | 244.8 | 95.6 | 96.2 | 92.9 |
| 16 | 219.5 | 233.7 | 232.7 | 87.6 | 90.2 | 89.3 | 217.7 | 227.4 | 222.9 | 85.9 | 87.5 | 85.4 |
| 17 | 197.4 | 195.6 | 204.4 | 78.3 | 77.4 | 78.4 | 201.9 | 206.3 | 199.9 | 79.7 | 81.2 | 76.1 |
| 18 | 136.5 | 146.7 | 152.2 | 53.7 | 57.8 | 59.6 | 149.9 | 153.1 | 147.2 | 59.1 | 60.2 | 57.6 |
| 19 | 129.8 | 137.0 | 137.6 | 50.4 | 53.5 | 53.6 | 119.7 | 137.8 | 129.6 | 46.8 | 53.7 | 50.4 |
| 20-24 | 414.7 | 383.7 | 405.1 | 29.6 | 28.2 | 30.2 | 378.3 | 378.7 | 376.4 | 27.3 | 27.9 | 28.1 |
| 20 | 123.4 | 111.9 | 115.9 | 47.0 | 43.3 | 44.7 | 112.8 | 111.9 | 107.1 | 43.4 | 43.2 | 41.4 |
| 21 | 100.4 | 90.2 | 96.4 | 37.2 | 34.3 | 36.6 | 90.8 | 92.8 | 90.3 | 33.8 | 35.2 | 34.3 |
| 22 | 74.4 | 72.8 | 73.7 | 26.7 | 26.8 | 27.7 | 77.9 | 69.2 | 69.3 | 28.1 | 25.8 | 26.1 |
| 23 | 62.1 | 57.7 | 66.2 | 21.6 | 20.6 | 24.3 | 49.4 | 58.8 | 60.4 | 17.4 | 21.2 | 22.2 |
| 24 | 54.4 | 51.1 | 52.8 | 18.1 | 17.7 | 18.8 | 47.3 | 46.0 | 49.2 | 15.9 | 16.1 | 17.6 |
| Total | 1,343.1 | 1,345.3 | 1,384.0 | 50.3 | 51.0 | 52.4 | 1,314.1 | 1,352.8 | 1,320.7 | 49.4 | 51.2 | 50.0 |
| NOT ATTENDING AN EDUCATIONAL INSTITUTION |  |  |  |  |  |  |  |  |  |  |  |  |
| 15-19 | 343.4 | 316.4 | 317.8 |  |  |  | 338.1 | 310.6 | 355.6 |  |  |  |
| 15 | 12.1 | 8.0 | 11.5 | . | . | . | 11.4 | 9.9 | 18.6 | . | . |  |
| 16 | 31.2 | 25.4 | 27.8 | . |  | . | 35.6 | 32.5 | 38.1 |  | . |  |
| 17 | 54.9 | 57.0 | 56.2 |  |  |  | 51.5 | 47.9 | 62.7 |  | . |  |
| 18 | 117.7 | 107.2 | 103.1 |  |  | . | 103.7 | 101.2 | 108.4 |  |  |  |
| 19 | 127.6 | 118.9 | 119.2 |  |  |  | 135.9 | 119.0 | 127.7 |  | . |  |
| 20-24 | 984.2 | 977.2 | 937.9 | . |  | . | 1,008.7 | 976.3 | 963.2 |  | . |  |
| 20 | 139.1 | 146.4 | 143.2 |  | . | . | 147.2 | 146.9 | 151.8 | . | . |  |
| 21 | 169.7 | 172.7 | 167.4 | . |  |  | 177.6 | 170.6 | 172.8 | . | . |  |
| 22 | 204.8 | 198.9 | 192.2 |  |  |  | 198.8 | 199.2 | 196.5 | . | . |  |
| 23 | 224.9 | 221.9 | 206.5 |  |  |  | 235.1 | 219.1 | 211.2 |  | . |  |
| 24 | 245.7 | 237.4 | 228.6 |  |  |  | 250.0 | 240.5 | 230.9 |  | . |  |
| Total | 1,327.6 | 1,293.6 | 1,255.8 | . | . | . | 1,346.8 | 1,286.9 | 1,318.7 | . | . |  |
| ALL PERSONS |  |  |  |  |  |  |  |  |  |  |  |  |
| 15-19 | 1,271.8 | 1,278.0 | 1,296.8 | . | . |  | 1,273.9 | 1,284.7 | 1,299.9 |  | . |  |
| 15 | 257.3 | 256.5 | 263.5 | . |  |  | 258.0 | 259.4 | 263.4 | . | . |  |
| 16 | 250.7 | 259.1 | 260.5 |  |  |  | 253.4 | 260.0 | 261.0 | . | . |  |
| 17 | 252.3 | 252.6 | 260.6 | . | . |  | 253.3 | 254.2 | 262.6 | . | . | . |
| 18 | 254.2 | 253.9 | 255.4 | . |  | . | 253.6 | 254.3 | 255.5 | . | . |  |
| 19 | 257.4 | 255.8 | 256.8 |  |  |  | 255.6 | 256.8 | 257.3 |  | . |  |
| 20-24 | 1,399.0 | 1,360.8 | 1,343.0 | . |  |  | 1,386.9 | 1,355.0 | 1,339.6 | . | . |  |
| 20 | 262.5 | 258.2 | 259.1 | . |  |  | 260.0 | 258.8 | 258.9 | . . | . |  |
| 21 | 270.1 | 262.9 | 263.8 |  |  |  | 268.4 | 263.4 | 263.1 | . | . |  |
| 22 | 279.2 | 271.7 | 265.9 | . | . | . . | 276.7 | 268.4 | 265.8 | . | . | . |
| 23 | 287.0 | 279.6 | 272.8 | . |  | . | 284.5 | 277.9 | 271.6 | . | . |  |
| 24 | 300.1 | 288.5 | 281.4 | . | $\cdots$ | . | 297.3 | 286.5 | 280.1 | . | $\cdots$ |  |
| Total | 2,670.7 | 2,638.9 | 2,639.8 | -• | -• | -• | 2,660.8 | 2,639.6 | 2,639.4 | -• | -• | -• |

(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 | Type of school attending |  |  |  | Total(b) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Government | Non-government |  |  |  |
|  |  | Catholic | Other | Total( ${ }^{\text {a }}$ ) |  |
| MALES |  |  |  |  |  |
| 15 | 84.8 | 22.7 | 14.9 | 40.9 | 125.6 |
| 16 | 69.7 | 19.8 | 11.8 | 34.7 | 104.4 |
| 17 | 48.6 | 17.4 | 10.3 | 31.5 | 80.3 |
| 18 | 16.8 | 4.6 | * 3.0 | 9.0 | 25.8 |
| 19 | * 1.5 | * 0.6 | * 0.2 | * 1.1 | * 2.6 |
| Total | 221.4 | 65.2 | 40.2 | 117.0 | 338.7 |
| FEMALES |  |  |  |  |  |
| 15 | 72.9 | 24.9 | 16.7 | 44.5 | 117.4 |
| 16 | 71.1 | 19.6 | 14.7 | 38.0 | 109.1 |
| 17 | 55.7 | 21.2 | 11.8 | 35.7 | 91.6 |
| 18 | 17.1 | 6.3 | 4.5 | 11.5 | 28.9 |
| 19 | * 2.3 | * 1.1 | * 0.3 | * 1.5 | 4.3 |
| Total | 219.0 | 72.9 | 48.0 | 131.3 | 351.3 |
| PERSONS |  |  |  |  |  |
| 15 | 157.6 | 47.6 | 31.6 | 85.4 | 243.0 |
| 16 | 140.8 | 39.4 | 26.4 | 72.7 | 213.4 |
| 17 | 104.2 | 38.6 | 22.1 | 67.2 | 171.9 |
| 18 | 33.9 | 10.9 | 7.5 | 20.5 | 54.7 |
| 19 | * 3.8 | * 1.7 | * 0.5 | * 2.6 | 6.9 |
| Total | 440.4 | 138.1 | 88.2 | 248.3 | 690.0 |

(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 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} 1992 \\ (' 000) \end{gathered}$ | $\begin{array}{r} 1995 \\ (' 000) \end{array}$ | $\begin{array}{r} 1998 \\ (' 000) \end{array}$ | $\begin{array}{r} 1992 \\ (' 000) \end{array}$ | $\begin{array}{r} 1995 \\ (' 000) \end{array}$ | $\begin{array}{r} 1998 \\ (' 000) \end{array}$ | $\begin{array}{r} 1992 \\ (' 000) \end{array}$ | $\begin{array}{r} 1995 \\ (' 000) \end{array}$ | $\begin{array}{r} 1998 \\ (' 000) \end{array}$ |
| Attending school | 354.3 | 341.3 | 340.7 | 350.4 | 344.9 | 352.6 | 704.8 | 686.1 | 693.3 |
| Attending a tertiary institution | 331.0 | 331.5 | 338.8 | 299.1 | 313.9 | 323.4 | 630.1 | 645.5 | 662.2 |
| Higher education | 161.2 | 170.3 | 184.5 | 181.1 | 194.0 | 218.7 | 342.2 | 364.3 | 403.2 |
| TAFE | 145.9 | 140.4 | 132.1 | 91.2 | 88.5 | 78.4 | 237.1 | 228.9 | 210.5 |
| Other(a) | 23.9 | 20.8 | 22.3 | 26.9 | 31.5 | 26.2 | 50.8 | 52.3 | 48.6 |
| Total | 685.3 | 672.8 | 679.6 | 649.6 | 658.8 | 676.0 | 1,334.9 | 1,331.6 | 1,355.5 |

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

## 14. MAIN SURVEY POPULATIONS BY STATES AND TERRITORIES

('000)

|  | NSW | Vic. | Qld | SA | WA | Tas. | $N T(a)$ | ACT | Aust. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Population 1: <br> Persons aged 15-24 | 869.6 | 656.9 | 514.6 | 197.4 | 268.0 | 63.8 | 20.4 | 48.8 | 2,639.4 |
| Population 2: <br> Persons aged 15-24 who were attending an educational institution in September 1998 | 462.1 | 360.7 | 239.6 | 95.5 | 129.1 | 31.4 | 8.5 | 28.7 | 1,355.5 |
| Population 3: <br> Persons aged 15-24 who were attending a tertiary institution in September 1998 | 229.9 | 178.0 | 116.8 | 40.0 | 68.0 | 12.2 | 2.6 | 14.7 | 662.2 |
| Population 4: <br> Employed persons aged 15-24 | 523.6 | 395.8 | 317.5 | 108.2 | 171.2 | 33.4 | 13.6 | 30.2 | 1,593.5 |
| Population 5: <br> Unemployed persons aged 15-24 | 83.4 | 73.2 | 61.2 | 25.0 | 25.0 | 8.2 | 2.1 | 5.1 | 283.0 |
| Population 6: <br> Persons aged 15-19 | 428.4 | 317.8 | 255.1 | 99.4 | 132.7 | 34.3 | 10.0 | 22.1 | 1,299.9 |
| Population 7: <br> Persons aged 15-19 who were attending school in September 1998 | 231.5 | 182.1 | 122.0 | 54.6 | 61.1 | 19.0 | 5.8 | 13.9 | 690.0 |
| Population 8: <br> Persons aged 15-24 who were attending a tertiary institution to gain a recognised educational qualification | 217.2 | 169.5 | 111.9 | 38.7 | 62.3 | 11.5 | 2.6 | 14.0 | 627.7 |
| Population 9: <br> Persons aged 15-24 whose course of study would not lead to a recognised educational qualification | 8.0 | 6.6 | * 2.8 | * 0.4 | 3.5 | * 0.6 | * 0.0 | * 0.7 | 22.4 |
| Population 10: <br> Persons aged 15-24 whose course of study was less than one semester's full-time duration | * 4.8 | * 1.9 | * 2.1 | * 1.0 | * 2.4 | * 0.2 | * 0.0 | * 0.0 | 12.4 |

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

INTRODUCTION

SCOPE

DEFINITIONS

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 1998 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.

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 some 175,000 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.

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 Cat. no. 6203.0 for more details.

6 Definition of labour force and demographic classifications appearing in this publication are given in 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).

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 Cat. no. 6203.0.

RESULTS OF THE SURVEY continued

COMPARABILITY OF SERIES ESTIMATES

BENCHMARK REVISION

ABS CLASSIFICATION OF QUALIFICATIONS (ABSCQ)

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.

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 be conducted next in September 1999.
14 From February 1994, the monthly LFS and its supplementary surveys are based on population estimates from the 1991 Census of Population and Housing. While historical monthly labour force estimates were revised back to January 1989, results of supplementary surveys conducted before February 1994 were not revised and are based on population estimates from the 1986 Census of Population and Housing.

15 This change in the base population estimates should be considered when comparing the results of the supplementary surveys conducted before February 1994 with results of those conducted after February 1994.

16 The ABSCQ is used in this survey to describe Level of Course of current study. The ABSCQ classifies only formal educational outcomes. 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 current classification.

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.

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.

ABS CLASSIFICATION OF QUALIFICATIONS (ABSCQ) continued

RELIABILITY OF THE ESTIMATES

ESTIMATION PROCEDURE

GENERAL
ACKNOWLEDGMENT

RELATED PUBLICATIONS

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.

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

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.

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.

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 1998, released in April 1999

Transition from Education to Work, Australia (Cat. no. 6227.0) - issued annually, latest issue May 1998, released in December 1998

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.

CALCULATION OF STANDARD ERRORS

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 SE of all estimates in this publication. A table of SEs for general application is given on page 25. 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.

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 1998, were attending a TAFE, as 210,500. Since this estimate is between 200,000 and 300,000 in the SE table, the SE for Australia will be between 6,350 and 7,500 and can be approximated by interpolation as 6,500 (rounded to the nearest 100). 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 204,000 to 217,000 , and about 19 chances in 20 that the value will fall within the range 197,500 to 223,500 . This example is illustrated in the diagram below.


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

CALCULATION OF STANDARD ERRORS continued

As can be seen from the SE table, the smaller the estimate the higher is 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 $25 \%$ or less and percentages based on such estimates are considered sufficiently reliable for most purposes. However, estimates and percentages with larger RSEs have been included and are preceded by an asterisk (e.g. * 3.4) to indicate they are subject to high SEs and should be used with caution.

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:

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

Considering the example from the previous page, the 210,500 persons represent $31.8 \%$ of the 662,200 persons aged $15-24$ who were attending tertiary institutions in September 1998. The SE of 662,200 is approximately 10,200 , so the RSE is $1.5 \%$. The RSE for 210,500 is $3.1 \%$. Applying the above formula, the RSE of the proportion is $\sqrt{(3.1)^{2}}-(1.5)^{2}$ or $2.7 \%$, giving a SE for the proportion (31.8\%) of 0.9 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 1998 is between $30.9 \%$ and $32.7 \%$, and 19 chances in 20 that the proportion is within the range $30.0 \%$ to $33.6 \%$.

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 ( $\mathrm{x}-\mathrm{y}$ ) may be calculated by the following formula:

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

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.

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 OF SEPTEMBER 1998 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 | . | . | . | 130 | . | 90 | 130 | 90 | 130 | 130.0 |
| 200 | . | 240 | 220 | 180 | 210 | 130 | 180 | 120 | 190 | 95.0 |
| 300 | 330 | 300 | 270 | 230 | 250 | 160 | 220 | 140 | 250 | 83.3 |
| 500 | 430 | 390 | 350 | 290 | 320 | 210 | 270 | 180 | 330 | 66.0 |
| 700 | 510 | 470 | 410 | 350 | 380 | 250 | 320 | 210 | 400 | 57.1 |
| 1000 | 610 | 560 | 500 | 410 | 450 | 300 | 370 | 250 | 490 | 49.0 |
| 1500 | 740 | 690 | 600 | 500 | 550 | 360 | 450 | 300 | 610 | 40.7 |
| 2000 | 860 | 790 | 690 | 570 | 620 | 410 | 510 | 340 | 710 | 35.5 |
| 2500 | 950 | 880 | 770 | 630 | 690 | 450 | 560 | 370 | 800 | 32.0 |
| 3000 | 1040 | 950 | 840 | 690 | 750 | 480 | 610 | 400 | 880 | 30.0 |
| 3500 | 1120 | 1040 | 900 | 740 | 800 | 510 | 660 | 430 | 950 | 27.1 |
| 4000 | 1190 | 1100 | 960 | 790 | 850 | 540 | 700 | 450 | 1020 | 25.0 |
| 5000 | 1300 | 1250 | 1050 | 850 | 950 | 600 | 750 | 500 | 1150 | 23.0 |
| 7000 | 1550 | 1450 | 1250 | 1000 | 1100 | 700 | 900 | 550 | 1350 | 19.3 |
| 10000 | 1800 | 1700 | 1450 | 1200 | 1300 | 750 | 1050 | 650 | 1600 | 16.0 |
| 15000 | 2200 | 2050 | 1750 | 1400 | 1500 | 900 | 1300 | 800 | 2000 | 13.3 |
| 20000 | 2450 | 2300 | 2000 | 1600 | 1700 | 1000 | 1450 | 850 | 2250 | 11.3 |
| 30000 | 2950 | 2750 | 2350 | 1850 | 2050 | 1100 | 1750 | 1000 | 2750 | 9.2 |
| 40000 | 3350 | 3100 | 2650 | 2100 | 2300 | 1200 | 2050 | 1150 | 3150 | 7.9 |
| 50000 | 3650 | 3400 | 2900 | 2300 | 2500 | 1300 | 2250 | 1250 | 3450 | 6.9 |
| 100000 | 4850 | 4500 | 3850 | 3000 | 3300 | 1550 | 3100 | 1600 | 4750 | 4.8 |
| 150000 | 5700 | 5300 | 4550 | 3500 | 3850 | 1750 | 3800 | 1800 | 5650 | 3.8 |
| 200000 | 6400 | 5950 | 5050 | 3850 | 4250 | 1850 | 4350 | 2000 | 6350 | 3.2 |
| 300000 | 7450 | 6900 | 5900 | 4450 | 4950 | 2050 | . | 2300 | 7500 | 2.5 |
| 500000 | 9000 | 8350 | 7150 | 5350 | 6000 | 2250 | . . | . | 9250 | 1.9 |
| 1000000 | 11550 | 10650 | 9150 | 6750 | 7650 | . | . |  | 12100 | 1.2 |
| 2000000 | 14650 | 13450 | 11650 | 8450 | 9650 | $\cdots$ | . |  | 15650 | 0.8 |
| 5000000 | 19800 | 18050 | 15700 | . | . . | . | . | . | 21600 | 0.4 |
| 10000000 | . . | . | . | . | . | . $\cdot$ | . | . | 27150 | 0.3 |
| 25\%(a) | 5570 | 4830 | 3730 | 2570 | 3000 | 1380 | 2060 | 1000 | 4170 |  |

(a) Estimates with a $25 \%$ standard error.

## GLOSSARY

Africa (excluding North Includes Mauritius, South Africa and other Africa (excluding North Africa). Africa)

Associate diploma The entry requirement is usually the completion of Year 12 or the courses 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

Bachelor degree courses

Basic vocational courses

## Education participation rate

Business college Includes private business colleges or establishments that offer training or educational courses such as secretarial studies, business management, marketing, etc.
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.

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.

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.

The number of persons attending an educational institution in any group expressed as a percentage of the civilian population in the same group.

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 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: 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 <br> USSR

Full-time attendance

Government schools

Higher degree courses

Higher education institutions

Labour force participation rate

Industry skills centre

Middle East and North Africa

Northern America

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).

Persons who consider themselves to be attending full-time, or the institution which they are attending so classifies them.

All schools administered by the relevant State and Territory Governments.
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.

Includes all institutions providing higher education courses (e.g. universities and university colleges); institutes of tertiary education; agricultural colleges and some institutes of technology.

Estimate of the labour force in any group expressed as a percentage of the civilian population in the same group. For a more detailed explanation, see Cat. no. 6203.0.

Consists of vocation-oriented training centres which provide accredited courses (e.g. automotive skills centres and retail skills centres).

Includes Iran, Jordan, Iraq, Israel, Lebanon, Syria, Turkey, Egypt and the Middle East and North Africa (not elsewhere classified).

Includes Canada, United States of America and other Northern America.

Northeast Asia Includes China, Taiwan, Hong Kong, Japan, the Republic of Korea and other Northeast Asia (not elsewhere classified).

Oceania Includes Fiji, New Caledonia, Vanuatu, New Zealand, Papua New Guinea and Oceania (not elsewhere classified).

## Other educational institutions

Part-time attendance

## Postgraduate diploma courses

Skilled vocational courses
th and Central America and Carribean

## Southeast Asia

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.

Persons who consider themselves to be attending part-time, or the institution which they are attending so classifies them.

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.

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.

Includes Argentine Republic, Brazil, Chile, Mexico, Peru, Uruguay and other South and Central America, and the Carribean.

Includes Myanmar, Cambodia, Indonesia, Laos, Malaysia, Philippines, Singapore, Viet Nam, Thailand and Southeast 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 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.

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).

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

POPULATIONS

The ABS offers a range of unpublished data from this survey upon request. Data requests are available on hardcopy or on floppy disk in ASCII comma delimited text, Lotus 1-2-3 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.

1 Persons aged 15-24 in September 1998 (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 1998

3 Persons aged 15-24 who were attending a tertiary institution in September 1998

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 1998
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 1998 whose course of study would not lead to a recognised educational qualification

10 Persons aged 15-24 attending an educational institution in September 1998 whose course of study was less than the equivalent of one semester's full-time study

| 1 | STATE OF USUAL RESIDENCE | New South Wales <br> Victoria <br> Queensland <br> South Australia <br> Western Australia <br> Tasmania <br> Northern Territory <br> Australian Capital Territory | All |
| :---: | :---: | :---: | :---: |
| 2 | AREA OF USUAL RESIDENCE | Capital city <br> Balance of State | All |
| 3 | DISSEMINATION REGION | Standard labour force dissemination regions | All |
| 4 | SEX | Males <br> Females | All |
| 5 | MARITAL STATUS | Married <br> Not married | All |
| 6A | RELATIONSHIP IN HOUSEHOLD | Member of a family <br> Husband or wife <br> With dependants <br> Without dependants <br> Lone parent <br> With dependants <br> Without dependants <br> Dependent student <br> Non-dependent child <br> Other family person <br> Non-family member <br> Lone person <br> Not living alone <br> Relationship in household not determined | All |
| 6B | RELATIONSHIP IN HOUSEHOLD | Member of a family <br> Husband or wife <br> With children under 15 <br> Without children under 15 <br> Lone parent <br> With children under 15 <br> With dependent students but without children under 15 <br> Without dependants <br> Dependent student <br> Non-dependent child <br> Other family person <br> Non-family member <br> Lone person <br> Not living alone <br> Relationship in household not determined | All |

[^5]

## VARIABLE

18 WHETHER ATTENDING
AN EDUCATIONAL INSTITUTION AND LEVEL OF COURSE IN SEPTEMBER 1998

19 WHETHER ATTENDING SCHOOL IN SEPTEMBER 1998

20 TYPE OF SCHOOL ATTENDING IN SEPTEMBER 1998

21 TYPE OF SCHOOL LAST ATTENDED

22
YEAR LEFT SCHOOL

Attending recognised study in September 1998
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 1998
Study not leading to a qualification
Study of less than one semester's duration
Not attending in September 1998
Attending school in September $1998 \quad$ 1, 4-6
Not attending school in September 1998

Government/State 7
Non-government
Catholic
Other
Boarding school pupils
Not asked (persons aged 21-24)
Government/State 1-6, 8-10
Non-government
Catholic
Other
Still at school
Never attended school
Attending school in September $1998 \quad 1-6,8-10$
Not attending school in September 1998
Left before 1997
Left during 1997
Left during 1998
Not asked
Never attended school

1, 4-6

23 WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF INSTITUTION AND TYPE OF ATTENDANCE IN SEPTEMBER 1998

Attending in September 1998
1-6, 8-10
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 1998
(a) Includes business colleges, industry skills centres and other undefined educational institutions.

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[^0]:    (a) Includes business colleges, industry skills centres and other educational institutions.

[^1]:    (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.

[^2]:    (a) See Expanatory notes paragraph 14 for the effect of benchmark revisions on time series data.

[^3]:    (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.

[^4]:    (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.

[^5]:    7A BIRTHPLACE
    Born in Australia
    Born outside Australia
    Born in main English-speaking countries(a)
    Born in other countries
    Not asked (boarding school pupils)
    (a) Comprises United Kingdom and Ireland, New Zealand, Canada, United States of America and South Africa.
    Note: More detailed country groupings available.
    7B BIRTHPLACE

    8 PERIOD OF ARRIVAL
    Born in Australia
    Born outside Australia
    Arrived before 1971
    Arrived 1971-80
    Arrived 1981-90
    Arrived 1991-98
    Not asked (boarding school pupils)
    9 AGE (years)
    15-19

    Note: Other age groupings are available.

