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**TRANSITION FROM EDUCATION TO WORK
AUSTRALIA**

MAY 1987

IAN CASTLES

Australian Statistician

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CONTENTS

<i>Table</i>		<i>Page</i>
..	Summary of Findings	1
..	Explanatory Notes	4
 Persons aged 15 to 64, May 1982 to May 1987—		
1	Whether attended an educational institution and type of attendance in previous year, whether continuing full-time education, labour force status and age	6
 Persons aged 15 to 19, May 1983 to May 1987—		
2	Age, whether attending an educational institution full-time, type of educational institution attending and sex	7
 Leavers aged 15 to 64, May 1982 to May 1987—		
	Type of educational institution attended full-time in previous year—	
3	Labour force status	8
4	Whether attending an educational institution	8
 Persons aged 15 to 64—		
	Whether attended an educational institution in 1986 and whether attending an educational institution—	
5	Type of attendance in 1986, labour force status and age	9
6	Type of educational institution attended in 1986 and type of educational institution attending	10
	Whether attending an educational institution, type of attendance, type of educational institution attending and age—	
7	Sex	10
8	Labour force status	11
 Persons aged 15 to 64 who attended school in 1986—		
9	Type of attendance at school in 1986, whether attending an educational institution, type of educational institution attending, type of attendance and labour force status	12
 Persons aged 15 to 64 who attended a tertiary institution in 1986—		
10	Type of tertiary attendance in 1986, whether attending an educational institution, type of educational institution attending, type of attendance and labour force status	12
 Persons aged 15 to 24 who attended school in 1986 but were not attending school at May 1987—		
	Type of school last attended, whether attending a tertiary institution, type of attendance and sex—	
11	Type of tertiary institution attending	13
12	Labour force status	14
 Persons aged 15 to 24 who attended an educational institution full-time in 1986—		
13	Type of educational institution attended full-time in 1986, whether continuing full-time education, whether attending same type of educational institution as in 1986 and sex	15

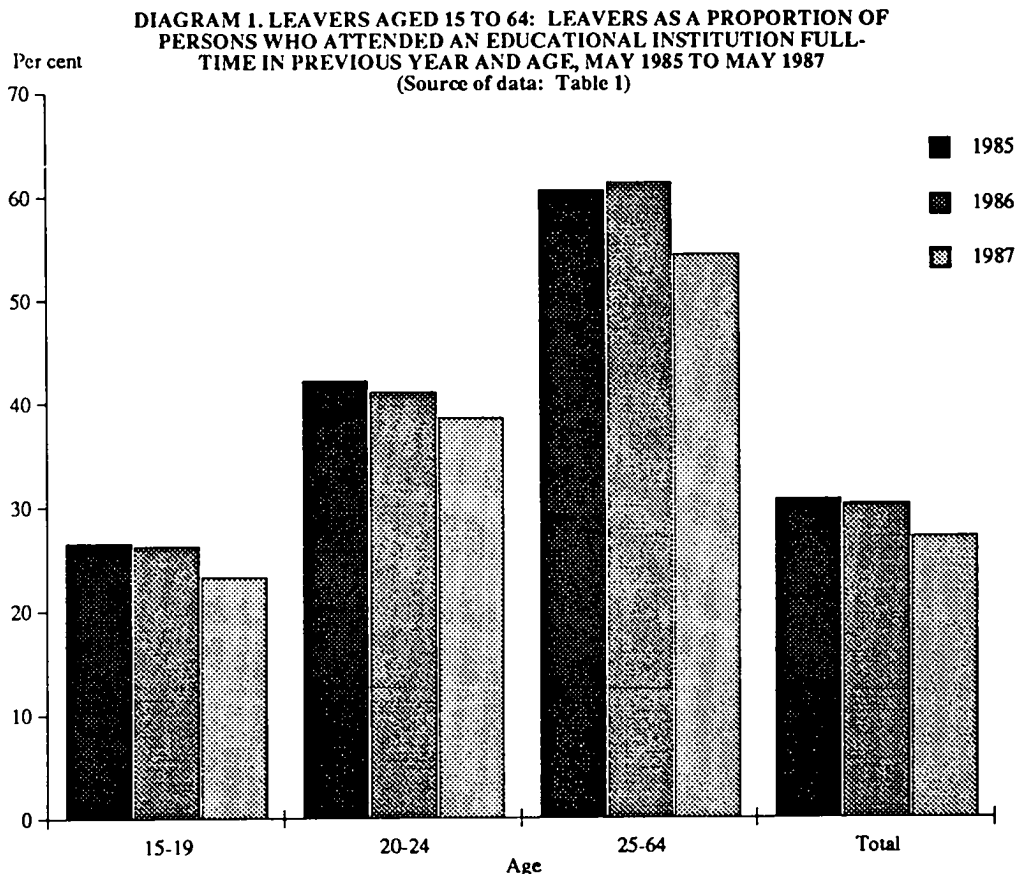
CONTENTS

<i>Table</i>	<i>Page</i>
Leavers aged 15 to 64—	
	Type of educational institution attended full-time in 1986—
14	Age at time of leaving full-time education, whether attending an educational institution and sex 15
15	Age and sex 15
16	Labour force status and age 16
17	Time of leaving full-time education, age and sex 16
18	Labour force status, age and sex 17
Employed leavers aged 15 to 64—	
	Type of educational institution attended full-time in 1986 and sex—
19	Industry, full-time or part-time status 17
20	Occupation 17
Unemployed leavers aged 15 to 24—	
21	Type of educational institution attended full-time in 1986 and type of school last attended 17
Apprentices, May 1983 to May 1987—	
22	Industry 18
Apprentices—	
	Field of trade—
23	Summary of characteristics 18
24	Year of apprenticeship and sex 19
25	Summary of characteristics and year of apprenticeship 19
. . .	Technical Note 20

SUMMARY OF FINDINGS

An estimated 2,022,700 persons aged 15 to 64 (19.0 per cent of the civilian population in the same age group) attended an educational institution at some time in 1986. Some 1,200,900 (59.4 per cent) of these persons attended full-time while the remaining 821,800 (40.6 per cent) attended part-time.

About three out of every four persons (871,700) who attended full-time education in 1986 were continuing full-time education at May 1987. The remaining 329,200 were classified as *Leavers* — that is, persons who were full-time students at any time in 1986 but were not full-time students at May 1987.



More than eighty per cent of persons who attended an educational institution full-time in 1986 were teenagers, 12.6 per cent were aged 20 to 24 and 6.3 per cent were in the 25 to 64 age group.

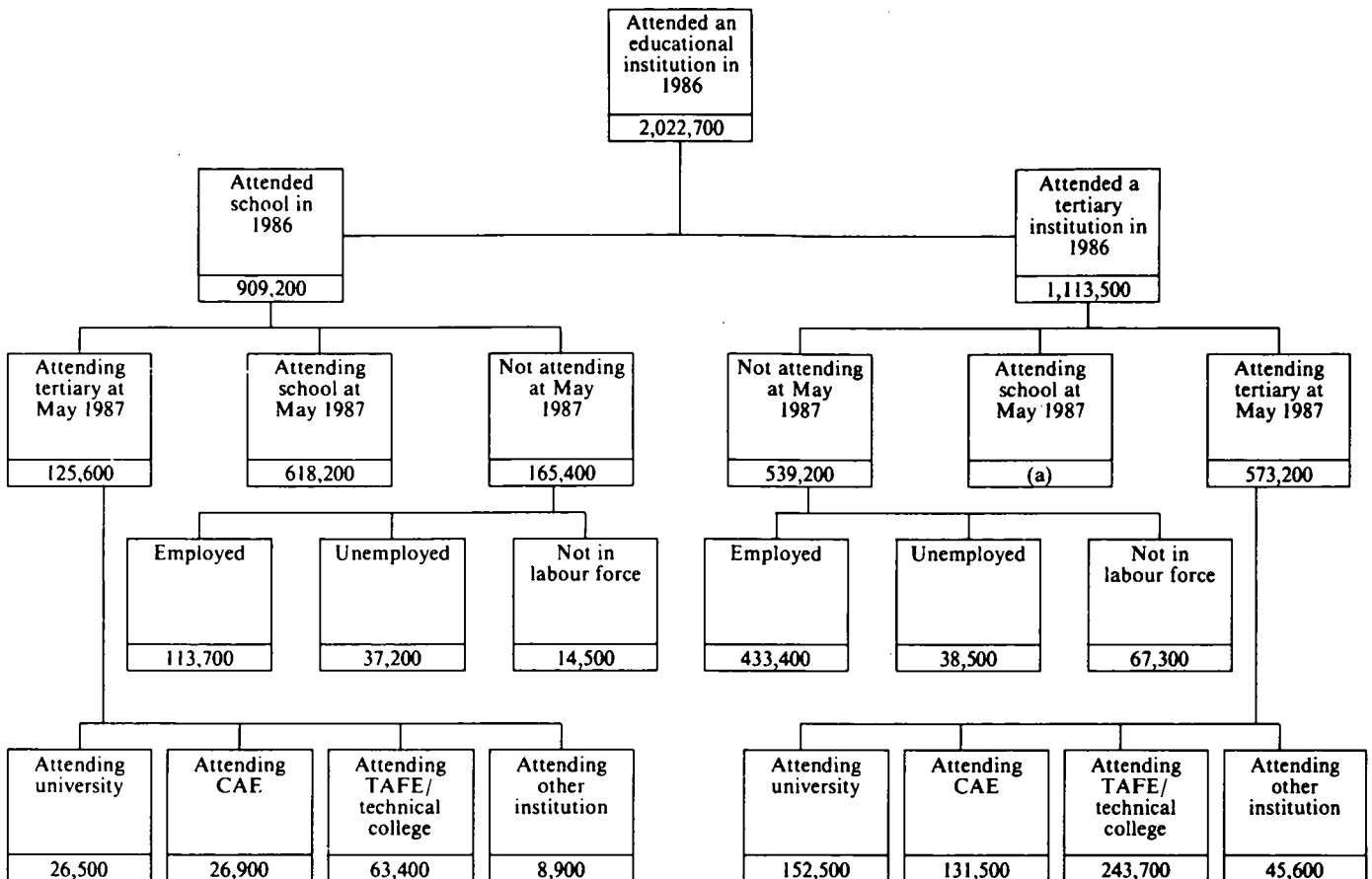
During the period May 1983 to May 1987 the proportion of teenagers who were attending an educational institution full-time has been increasing. Some 48.0 per cent of persons aged 15 to 19 were attending full-time at May 1983 and this proportion increased to 55.5 per cent at May 1987.

Successive surveys from May 1983 to May 1986 showed that the number of leavers as a proportion of those who attended full-time in the previous year remained steady at approximately 31 per cent. However in May 1987 this proportion decreased to 27.4 per cent.

This proportion of leavers amongst 15 to 19 year olds decreased from 26.5 per cent in 1986 to 23.5 per cent in 1987. Persons aged 25 to 64 who attended full-time in the previous year were more likely to have left full-time education than those in the younger age groups — 54.7 per cent had left full-time education at May 1987. This was a decrease from 61.6 per cent at May 1986.

Of the 2,022,700 persons aged 15 to 64 who attended an educational institution in 1986, 909,200 (44.9 per cent) attended school. At May 1987 the majority of these people (618,200) were still attending school, 125,600 were attending tertiary institutions and 165,400 were not attending an educational institution. Of the 125,600 who attended school in 1986 and were attending tertiary institutions at May 1987, 63,400 were attending TAFE or technical college, 26,900 were attending CAE, 26,500 were attending university and the remaining 8,900 were attending other tertiary institutions.

DIAGRAM 2. PERSONS AGED 15 TO 64 WHO ATTENDED AN EDUCATIONAL INSTITUTION IN 1986: TYPE OF EDUCATIONAL INSTITUTION ATTENDED IN 1986, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF EDUCATIONAL INSTITUTION ATTENDING AND LABOUR FORCE STATUS, MAY 1987
(Source of data: Tables 6, 9 and 10)



(a) Estimate subject to sampling variability too high for most practical uses.

Industries that employed the highest numbers of school leavers were wholesale and retail trade (36.6 per cent or 51,600 persons), manufacturing (16.6 per cent or 23,400 persons) and finance, property and business services (13.3 per cent or 18,700 persons). Occupations of these school leavers were largely confined to four groups—salespersons and personal service workers (25.3 per cent), tradespersons (24.9 per cent), labourers and related workers (21.9 per cent) and clerks (21.3 per cent).

Depending upon the type of institution attended in 1986 the labour force status varied amongst persons who were not attending an educational institution at May 1987. Of those who attended school in 1986, 68.7 per cent were employed, 22.5 per cent were unemployed and 8.8 per cent were not in the labour force at May 1987. The resulting unemployment rate was 24.7 per cent. In contrast, of those who attended a tertiary institution in 1986, 80.4 per cent were employed, 7.1 per cent were unemployed and 12.5 per cent were not in the labour force at May 1987. The resulting unemployment rate for this group was 8.2 per cent.

For those 281,500 persons aged 15 to 24 who attended school in 1986 but were not attending school at May 1987 it was established that 78.0 per cent (219,700) had last attended a government or state school, while 22.0 per cent (61,800) had last attended a non-government school. The unemployment rate was higher amongst those who left a government or state school (24.0 per cent) than amongst those who left a non-government school (14.3 per cent).

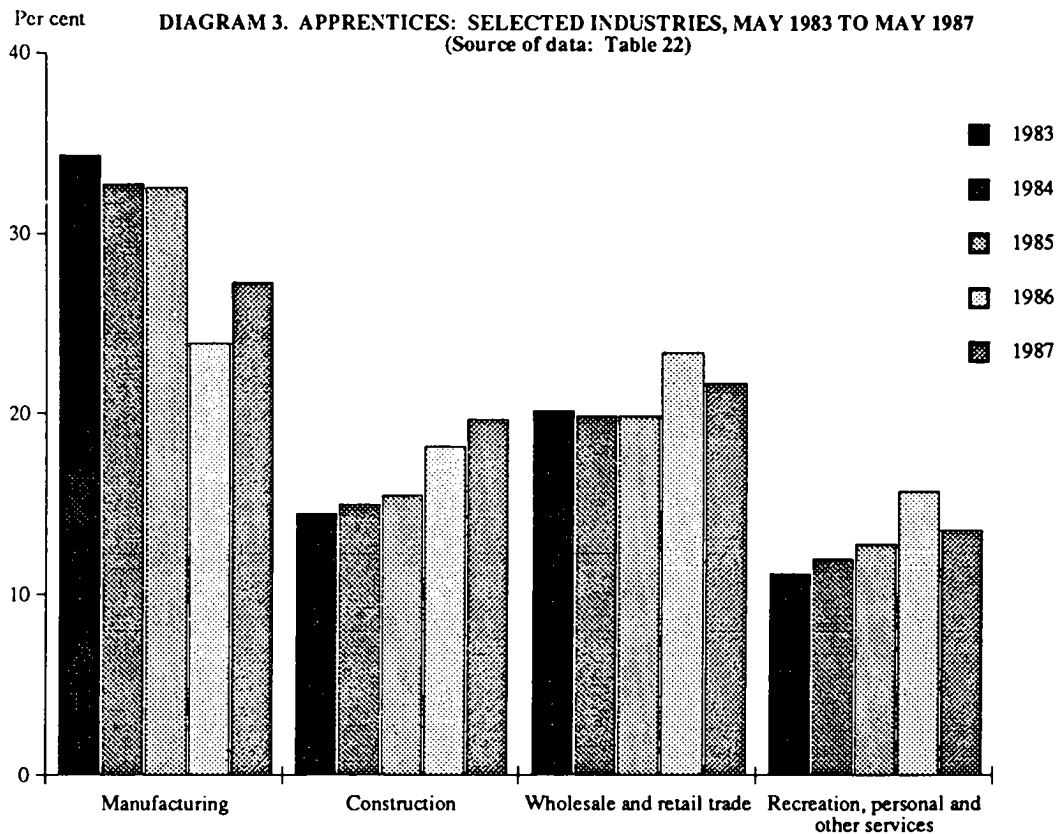
Of those 219,700 students aged 15 to 24 who last attended a government or state school in 1986 and were not attending school at May 1987, 39.6 per cent were attending a tertiary institution at May 1987. The breakdown of the type of tertiary institution they were attending is as follows — 58.0 per cent at TAFE or technical college, 18.7 per cent at CAE and 16.3 per cent at university. This compares with a relatively high proportion of students who last attended non-government schools in 1986 who went on to attend a tertiary institution at May 1987 — 60.5 per cent. Some 32.9 per cent of these were attending TAFE or technical college, 26.7 per cent CAE and 32.4 per cent university.

Apprentices at May 1987 numbered 139,700 (87.9 per cent of whom were males), compared with 134,500 at May 1986 and 147,800 at May 1985. Most apprentices at May 1987 were in the 17 to 19 age range. Apprentices aged 17 accounted for 18.5 per cent, 18 year olds accounted for 21.8 per cent while 19.6 per cent of apprentices were aged 19.

Some 39,000 (27.9 per cent) of apprentices were in their first year of apprenticeship and 40,200 (28.8 per cent) were in their second year. Third and fourth/fifth year apprentices accounted for 23.8 per cent and 19.5 per cent respectively.

The majority of apprentices were employed in the non-government sector, with only 18,200 employed by the government.

Fields of trade that employed the most apprentices included building (17.3 per cent), electrical and electronics (14.1 per cent), vehicle (13.8 per cent) and metal fitting and machining (10.9 per cent). A further 9.8 per cent were employed in the hairdressing field of trade - 91.2 per cent of these apprentices were females.



Industries that employed the highest number of apprentices were manufacturing (27.4 per cent), wholesale and retail trade (21.8 per cent), construction (19.8 per cent) and recreation, personal and other services (13.7 per cent).

Since May 1983 the proportion of apprentices working in the manufacturing industry has decreased from 34.5 per cent to 27.4 per cent at May 1987. Conversely, the proportion of apprentices working in the construction industry has marginally increased from 14.6 per cent at May 1983 to 19.8 per cent at May 1987.

More than eighty per cent of apprentices attended an educational institution at some time during 1986. 21.5 per cent attended school in 1986, most of whom were in the first year of their apprenticeship at May 1987. Conversely, most of the apprentices who attended a tertiary institution at some time during 1986 were in the second to fifth year of their apprenticeship at May 1987.

EXPLANATORY NOTES

Introduction

The monthly population survey (which is described in *The Labour Force, Australia* (6203.0)) comprises the monthly labour force survey and supplementary topics. This publication contains some results of a supplementary survey run in association with the May 1987 labour force survey conducted throughout Australia.

2. Of the respondents to the labour force survey, those who fell within the scope of the supplementary survey were asked additional questions. They were asked whether they were attending, or had attended in the previous year, an educational institution and, if so, the type of educational institution and the type of attendance. If respondents were not attending an educational institution full-time at May 1987 they were asked the year they finished full-time study. Persons who had left full-time study during the previous year were asked the time of the year they had left. In respect of apprentices, information was obtained on their year of apprenticeship and field of trade.

Scope

3. The scope of this supplementary survey was the same as that used for the labour force survey (described in full in *The Labour Force, Australia* (6203.0)) except that it was restricted to persons aged 15 to 64 and excluded persons permanently unable to work, some patients in hospitals and sanitoriums and inmates of reformatories, gaols, etc. The population for apprentices was further restricted to employed persons aged 15 to 34.

Coverage

4. 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 *The Labour Force, Australia* (6203.0) for more details.

Definitions

5. Definitions of the principal labour force categories appearing in this publication are given in *The Labour Force, Australia* (6203.0).

6. An *educational institution* is defined as any institution whose primary role is education. Included are schools, universities, colleges of advanced education, colleges of technical and further education, public and private colleges, etc. Excluded are institutions whose primary role is not education, for example hospitals.

7. The classification *other educational institution, which is part of the variable type of educational institution attended/ing* includes: business, commercial and secretarial colleges; religious and theological colleges; and overseas institutions.

8. Persons are regarded as *attending an educational institution full-time* if they consider themselves to be attending full-time or the institution which they are attending so classifies them.

9. *Attendance at an educational institution during the previous year* refers to any period of study during that calendar year.

10. A *tertiary institution* is defined as any educational institution other than a school.

11. *Leavers* are defined as persons who were full-time students at any time in the previous calendar year but were not full-time students at the time of the survey. It should be noted that 6.9 per cent of leavers left full-time education during the period January 1987 through to the survey date. Also, 83,600 persons who attended school full-time at some time in the previous year and left, but were attending full-time education at any tertiary institution at the time of the survey are not included in the definition of leavers. Information about this group can be obtained from Table 9.

12. *Apprentices* include only those employed persons aged 15 to 34 who indicated in the survey that they were apprentices.

13. The *field of trade* is derived from information provided by apprentices on their occupation (see paragraphs 24 to 26).

14. Unless otherwise stated, all characteristics referenced in this publication relate to the week before the interview.

Results of the survey

15. Due to differences in the method of estimation used in this supplementary survey and that used in the labour force survey, there are some small variations between estimates in this publication and those in the corresponding issue of *The Labour Force, Australia* (6203.0).

16. 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.

17. A publication (6241.0) containing a summary of the results of the survey was issued on 25 August 1987.

18. Results of similar surveys, the first conducted in February 1964, have been published in previous issues of this publication. Information on apprentices was collected for the first time in May 1983.

19. It is proposed that this survey will be conducted next in May 1988.

Unpublished tables

20. In some cases, the ABS can also make available information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer print-out, manually-extracted tabulation. In general, a charge is made for providing unpublished information. Inquiries should be made to the officer whose name appears in the *Phone Inquiries* section at the front of this publication, or to Information Services in the nearest ABS Office.

Discontinuities in the series

21. The scope of surveys prior to 1977 was restricted to persons aged 15 to 24 and from 1977 to 1980 inclusive, 15 to 25. In 1981 the survey was expanded to include all persons aged 15 to 64. Care should be exercised in comparing estimates from this survey for persons aged 15 to 24 with those from surveys conducted in the year 1977 to 1980.

22. Since 1979, and also in 1975 and 1976, the survey has been conducted in May. However, in 1977 and 1978 it was conducted in August and from 1964 to 1974 in February. Care should be taken in comparing estimates from this survey with those from surveys which were conducted at different times of the year.

23. Estimates for 1986 and 1987 are based on a revised labour force questionnaire introduced in April 1986. The definition of employment was expanded, resulting in decreases in the estimates of unemployed persons and persons not in the labour force. Further information is contained in *The Labour Force, Australia* (6203.0) and in an information paper *Questionnaires Used in the Labour Force Survey* (6232.0).

24. Classification of occupation according to the Australian Standard Classification of Occupations (ASCO 1986) was introduced in the August 1986 labour force survey, replacing the Classification and Classified List of Occupations (CCLO) used in previous surveys. The main difference between these classifications is that ASCO occupations are classified on the basis of the level and specialisation of skill required for the satisfactory performance of primary tasks. For a more detailed explanation of ASCO see the appendix to *The Labour Force, Australia, August 1986* (6203.0).

25. To provide a link between the two classifications, a matrix has been produced and is shown in Table 41 of *The Labour Force, Australia, August 1986* (6203.0). It shows the relationship between ASCO and CCLO at the broadest classification level (the Major Group). The estimates in the matrix are based on a sub-sample of respondents to the May 1986 labour force survey.

26. The conversion to ASCO from the CCLO has also affected the *field of trade* classification for apprentices. This change means that field of trade estimates from this survey are not comparable with those from previous surveys.

Reliability of the estimates

27. Estimates in this publication are subject to sampling and non-sampling error. For more information refer to the Technical Note.

Related publications

28. Other ABS publications which may be of interest include:

The Labour Force, Australia (6203.0)—issued monthly

Labour Force Status and Educational Attainment, Australia (6235.0)—issued annually

Labour Force Experience, Australia (6206.0)—issued annually

Persons Not in the Labour Force, Australia (6220.0)—issued twice-yearly

Job Search Experience of Unemployed Persons, Australia (6222.0)—issued two-yearly

29. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

Symbols and other usages

- * subject to sampling variability too high for most practical uses. See the Technical Note.
- CAE College of Advanced Education
- TAFE College of Technical and Further Education
- r revised

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

Electronic services

- VIATEL. Key *656# for selected current economic, social and demographic statistics.
- AUSSTATS. Thousands of up-to-date time series are available on this ABS on-line service through CSIRONET.
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- TELESTATS. This service provides foreign trade statistics tailored to users' requirements.
Further information is available on (062) 52 5404.

TABLE 1. PERSONS AGED 15 TO 64: WHETHER ATTENDED AN EDUCATIONAL INSTITUTION AND TYPE OF ATTENDANCE IN PREVIOUS YEAR, WHETHER CONTINUING FULL-TIME EDUCATION, LABOUR FORCE STATUS AND AGE, MAY 1982 TO MAY 1987
(* 000)

	1982	1983	1984	1985	1986	1987
AGED 15 TO 19						
Attended an educational institution in previous year	894.2	897.9	941.3	985.1	1,020.9	1,061.0
Attended full-time in previous year	784.7	804.2	848.4	896.2	941.1	973.5
Continuing full-time education at May	552.2	595.2	622.5	656.2	691.6	744.8
Leavers	232.5	209.0	225.9	240.0	249.5	228.8
Employed	174.8	140.8	162.1	184.0	187.3	171.3
Full-time	155.3	115.8	140.3	159.4	165.9	143.6
Part-time	19.5	25.0	21.8	24.6	21.4	27.7
Unemployed	42.3	53.5	50.6	45.4	47.7	44.3
Not in labour force	15.4	14.7	13.2	10.7	14.4	13.1
Attended part-time in previous year	109.5	93.6	92.9	89.0	79.8	87.5
Attending an educational institution at May	73.8	61.4	55.7	55.4	47.8	57.0
Full-time	*	*	*	*	*	*
Part-time	71.0	58.9	53.3	54.0	44.7	53.5
Not attending an educational institution at May	35.7	32.2	37.2	33.6	32.1	30.5
Did not attend an educational institution in previous year	366.9	364.9	336.6	310.7	308.9	306.4
Total	1,261.0	1,262.8	1,277.9	1,295.8	1,329.8	1,367.4
AGED 20 TO 24						
Attended an educational institution in previous year	285.3	296.1	316.0	319.5	307.4	308.7
Attended full-time in previous year	142.2	136.8	155.3	151.0	147.6	151.4
Continuing full-time education at May	82.8	76.6	94.2	87.0	86.7	92.6
Leavers	59.4	60.2	61.1	64.0	60.9	58.8
Employed	46.9	43.8	46.4	46.9	49.7	44.7
Full-time	40.2	37.0	39.3	41.3	40.3	38.4
Part-time	6.7	6.9	7.1	5.6	9.4	6.3
Unemployed	9.0	13.4	12.0	13.2	8.0	9.6
Not in labour force	3.5	*	*	3.9	*	4.5
Attended part-time in previous year	143.1	159.2	160.7	168.5	159.8	157.2
Attending an educational institution at May	70.2	81.3	83.7	78.4	75.7	76.6
Full-time	3.8	5.7	4.9	5.3	7.0	8.9
Part-time	66.4	75.6	78.8	73.1	68.7	67.8
Not attending an educational institution at May	72.9	77.9	77.0	90.1	84.1	80.6
Did not attend an educational institution in previous year	1,004.1	1,019.6	1,003.9	978.4	993.8	995.0
Total	1,289.4	1,315.6	1,319.8	1,297.9	1,301.2	1,303.6
AGED 25 TO 64						
Attended an educational institution in previous year	497.4	536.8	570.8	592.6	667.7	653.1
Attended full-time in previous year	58.8	61.8	65.7	67.8	74.7	76.0
Continuing full-time education at May	23.3	22.7	24.6	26.5	28.7	34.3
Leavers	35.5	39.1	41.2	41.3	46.0	41.6
Employed	25.6	28.8	28.6	33.2	36.2	31.6
Full-time	22.1	24.2	23.6	27.4	29.7	25.6
Part-time	3.5	4.6	5.1	5.9	6.5	6.1
Unemployed	4.0	4.2	5.3	4.1	4.3	5.1
Not in labour force	5.8	6.2	7.2	4.1	5.5	4.9
Attended part-time in previous year	438.6	475.0	505.1	524.8	593.0	577.1
Attending an educational institution at May	193.4	210.9	220.6	220.7	244.1	246.3
Full-time	6.9	3.9	6.9	9.2	7.8	9.3
Part-time	186.5	207.0	213.6	211.5	236.2	237.0
Not attending an educational institution at May	245.3	264.2	284.5	304.0	348.9	330.8
Did not attend an educational institution in previous year	6,661.1	6,812.2	6,943.2	7,051.6	7,128.3	7,328.3
Total	7,158.5	7,349.0	7,514.0	7,644.2	7,796.0	7,981.3
TOTAL						
Attended an educational institution in previous year	1,676.9	1,730.7	1,828.1	1,897.1	1,995.9	2,022.7
Attended full-time in previous year	985.6	1,002.8	1,069.4	1,114.9	1,163.3	1,200.9
Continuing full-time education at May	658.3	694.5	741.3	769.6	807.0	871.7
Leavers	327.3	308.3	328.1	345.3	356.3	329.2
Employed	247.3	213.4	237.2	264.1	273.3	247.7
Full-time	217.6	176.9	203.2	228.1	235.9	207.6
Part-time	29.8	36.3	34.0	36.0	37.4	40.1
Unemployed	55.3	71.3	67.8	62.6	60.0	59.1
Not in labour force	24.7	23.8	23.1	18.6	23.1	22.4
Attended part-time in previous year	691.3	727.9	758.7	782.2	832.6	821.8
Attending an educational institution at May	337.4	353.6	359.9	354.4	367.5	379.9
Full-time	13.5	12.2	14.2	15.8	17.8	21.6
Part-time	323.9	341.4	345.7	338.6	349.7	358.3
Not attending an educational institution at May	353.9	374.3	398.8	427.8	465.1	442.0
Did not attend an educational institution in previous year	8,032.1	8,196.7	8,283.6	8,340.7	8,431.1	8,629.7
Total	9,709.0	9,927.4	10,111.7	10,237.9	10,427.0	10,652.4

TABLE 2. PERSONS AGED 15 TO 19: AGE, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION FULL-TIME, TYPE OF EDUCATIONAL INSTITUTION ATTENDING, MAY 1983 TO MAY 1987

	Males					Females					Persons					Total
	15	16	17	18	19	15	16	17	18	19	15	16	17	18	19	
ATTENDING SCHOOL FULL-TIME																
--'000--																
At May--																
1983	122.1	75.7	38.2	7.8	*	109.5	73.9	41.1	8.8	*	231.6	149.7	79.4	16.6	*	480.4
1984	121.7	86.4	42.0	9.5	*	113.4	85.5	43.7	8.1	*	235.0	171.9	85.7	17.6	4.7	514.8
1985	130.8	89.2	45.9	6.9	*	127.6	85.3	46.8	7.7	*	258.4	174.5	92.7	14.6	4.8	545.0
1986	132.5	93.1	49.5	7.6	*	133.0	84.4	49.0	7.6	*	265.5	177.5	98.5	15.3	4.8	561.6
1987	135.3	99.1	60.3	10.6	*	131.8	110.6	55.4	5.9	*	267.2	209.7	115.7	16.5	*	612.3
ATTENDING TERTIARY FULL-TIME																
--'000--																
At May--																
1983	*	5.9	9.8	20.5	22.4	*	6.9	10.5	23.8	22.4	4.2	12.8	20.3	44.2	44.8	126.3
1984	*	4.2	10.5	17.4	16.3	*	7.4	10.7	25.0	19.8	4.1	11.6	21.2	42.4	36.0	115.4
1985	*	4.8	7.8	19.5	16.8	*	6.0	11.5	27.5	22.7	*	10.8	19.3	47.0	39.5	119.8
1986	*	4.8	11.6	26.4	22.4	*	7.3	14.0	30.6	23.6	*	12.1	25.6	57.0	46.0	143.3
1987	*	6.0	13.1	23.4	22.9	*	7.1	15.0	29.3	27.0	*	13.1	28.1	52.8	49.9	146.6
NOT ATTENDING AN EDUCATIONAL INSTITUTION FULL-TIME																
--'000--																
At May--																
1983	12.3	40.1	79.2	106.1	101.7	11.7	38.7	68.0	97.6	100.6	23.9	78.8	147.2	203.8	202.3	656.0
1984	13.4	46.3	75.1	97.4	104.1	11.4	33.9	67.4	90.9	107.7	24.8	80.3	142.6	188.3	211.8	647.7
1985	13.0	46.0	76.0	94.7	102.6	10.4	35.1	66.2	91.3	95.7	23.5	81.1	142.1	186.0	198.3	631.1
1986	11.9	45.6	75.3	98.3	93.3	10.7	38.1	68.8	90.5	92.4	22.6	83.7	144.1	188.8	185.8	624.9
1987	13.2	46.6	67.7	89.0	103.9	9.5	31.6	63.1	86.3	97.6	22.7	78.2	130.9	175.3	201.5	608.5
TOTAL																
--'000--																
At May--																
1983	135.8	121.7	127.2	134.4	125.5	123.9	119.6	119.6	130.2	124.8	259.7	241.3	246.8	264.6	250.3	1,262.8
1984	137.2	137.0	127.6	124.3	122.3	126.7	126.8	121.8	124.0	130.1	263.9	263.8	249.5	248.3	252.5	1,277.9
1985	145.7	140.0	129.7	121.1	122.5	139.4	126.4	124.5	126.4	120.1	285.1	266.4	254.2	247.5	242.6	1,295.8
1986	145.5	143.5	136.5	132.3	118.9	145.2	129.8	131.7	128.7	117.7	290.7	273.3	268.2	261.0	236.6	1,329.8
1987	149.7	151.6	141.1	123.1	128.4	142.9	149.4	133.5	121.5	126.2	292.6	301.0	274.6	244.6	254.6	1,367.4
PROPORTION ATTENDING AN EDUCATIONAL INSTITUTION FULL-TIME																
--per cent--																
At May--																
1983	91.0	67.1	37.8	21.0	19.0	90.6	67.6	43.1	25.0	19.4	90.8	67.3	40.4	23.0	19.2	48.0
1984	90.2	66.2	41.1	21.7	14.9	91.0	73.2	44.7	26.6	17.2	90.6	69.6	42.9	24.1	16.1	49.3
1985	91.0	67.1	41.4	21.8	16.2	92.5	72.2	46.9	27.8	20.3	91.8	69.5	44.1	24.9	18.2	51.3
1986	91.8	68.2	44.8	25.7	21.5	92.7	70.6	47.8	29.7	21.5	92.2	69.4	46.3	27.7	21.5	53.0
1987	91.2	69.3	52.0	27.7	19.1	93.4	78.8	52.7	29.0	22.7	92.3	74.0	52.3	28.3	20.9	55.5

TABLE 3. LEAVERS AGED 15 TO 64: TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN PREVIOUS YEAR AND LABOUR FORCE STATUS, MAY 1982 TO MAY 1987

	1982	1983	1984	1985	1986	1987
	— '000 —					
Attended school full-time in previous year	187.2	174.4	188.1	199.1	212.2	194.5
Labour force	174.7	162.1	176.7	190.2	198.8	181.4
Employed	140.0	116.5	133.3	152.2	157.4	141.1
Unemployed	34.7	45.5	43.4	38.0	41.4	40.3
Not in labour force	12.5	12.4	11.4	8.9	13.4	13.2
	— per cent —					
Unemployment rate	19.8	28.1	24.5	20.0	20.8	22.2
Participation rate	93.3	92.9	93.9	95.5	93.7	93.2
	— '000 —					
Attended tertiary full-time in previous year	140.2	133.9	140.0	146.1	144.2	134.7
Labour force	128.0	122.5	128.3	136.5	134.5	125.4
Employed	107.3	96.8	103.9	111.9	115.8	106.6
Unemployed	20.6	25.7	24.4	24.5	18.7	18.8
Not in labour force	12.2	11.4	11.7	9.7	9.7	9.3
	— per cent —					
Unemployment rate	16.1	21.0	19.1	18.0	13.9	15.0
Participation rate	91.3	91.5	91.7	93.4	93.3	93.1
	— '000 —					
Total	327.3	308.3	328.1	345.3	356.3	329.2

TABLE 4. LEAVERS AGED 15 TO 64: TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN PREVIOUS YEAR AND WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, MAY 1982 TO MAY 1987
('000)

	1982	1983	1984	1985	1986	1987
Attended school full-time in previous year	187.2	174.4	188.1	199.1	212.2	194.5
Attending part-time	38.9	29.4	34.4	44.1	41.5	40.5
Not attending	148.3	145.0	153.7	155.1	170.7	154.1
Attended tertiary full-time in previous year	140.2	133.9	140.0	146.1	144.2	134.7
Attending part-time	27.0	27.5	32.2	30.7	32.7	26.1
Not attending	113.2	106.3	107.8	115.4	111.5	108.6
Total	327.3	308.3	328.1	345.3	356.3	329.2

TABLE 5. PERSONS AGED 15 TO 64: WHETHER ATTENDED AN EDUCATIONAL INSTITUTION AND TYPE OF ATTENDANCE IN 1986, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF ATTENDANCE, LABOUR FORCE STATUS AND AGE, MAY 1987

In 1986	At May 1987	Employed			Unem- ployed — '000—	Labour force	Not in labour force	Total	Unem- ployment rate — per cent—	Partici- pation rate
		Full-time	Part-time	Total						
AGED 15 TO 19										
Full-time	Full-time	4.8	180.2	185.1	47.6	232.7	512.1	744.8	20.5	31.2
	Part-time	37.3	6.1	43.3	4.7	48.0	*	48.7	9.7	98.5
	Not attending	106.3	21.6	128.0	39.7	167.6	12.4	180.0	23.7	93.1
	Total	148.4	208.0	356.4	91.9	448.3	525.2	973.5	20.5	46.0
Part-time	Full-time	*	*	*	*	*	*	*	*	*
	Part-time	46.0	4.9	50.9	*	52.9	*	53.5	*	98.8
	Not attending	23.3	*	24.9	3.9	28.8	*	30.5	13.6	94.5
	Total	70.5	7.5	77.9	6.7	84.6	*	87.5	7.9	96.7
Did not attend	Full-time	*	*	*	*	4.6	6.1	10.7	*	42.9
	Part-time	12.2	*	13.0	*	14.7	*	15.2	*	96.2
	Not attending	177.4	22.2	199.7	56.7	256.3	24.2	280.5	22.1	91.4
	Total	191.0	24.6	215.5	60.0	275.6	30.9	306.4	21.8	89.9
Total	Full-time	7.3	182.8	190.1	50.0	240.1	518.8	758.9	20.8	31.6
	Part-time	95.4	11.8	107.2	8.4	115.6	*	117.5	7.2	98.4
	Not attending	307.1	45.5	352.6	100.3	452.8	38.2	491.0	22.1	92.2
	Total	409.9	240.0	649.9	158.6	808.5	558.9	1,367.4	19.6	59.1
AGED 20 TO 24										
Full-time	Full-time	3.5	31.9	35.4	*	37.8	54.8	92.6	*	40.8
	Part-time	5.6	*	6.9	*	8.7	*	9.8	*	88.7
	Not attending	32.8	5.0	37.8	7.9	45.7	*	49.1	17.2	93.2
	Total	41.9	38.2	80.1	12.0	92.1	59.3	151.4	13.1	60.8
Part-time	Full-time	*	*	*	*	4.8	4.0	8.9	*	54.4
	Part-time	60.7	*	63.8	*	66.2	*	67.8	*	97.6
	Not attending	64.5	5.1	69.6	5.9	75.5	5.1	80.6	7.8	93.7
	Total	127.3	9.6	136.9	9.6	146.5	10.7	157.2	6.6	93.2
Did not attend	Full-time	*	*	4.5	*	6.3	9.2	15.6	*	40.7
	Part-time	37.1	4.1	41.2	4.1	45.3	*	48.6	9.1	93.3
	Not attending	647.3	64.1	711.5	91.8	803.2	127.6	930.9	11.4	86.3
	Total	685.7	71.4	757.2	97.7	854.9	140.1	995.0	11.4	85.9
Total	Full-time	6.8	36.5	43.3	5.7	48.9	68.1	117.0	11.6	41.8
	Part-time	103.5	8.4	111.9	8.2	120.1	5.9	126.1	6.8	95.3
	Not attending	744.7	74.3	818.9	105.5	924.5	136.1	1,060.6	11.4	87.2
	Total	854.9	119.2	974.1	119.4	1,093.5	210.1	1,303.6	10.9	83.9
AGED 25 TO 64										
Full-time	Full-time	4.6	6.5	11.1	*	12.5	21.8	34.3	*	36.4
	Part-time	4.7	*	5.8	*	6.9	*	8.1	*	86.0
	Not attending	20.9	5.0	25.9	4.0	29.8	3.8	33.6	13.2	88.8
	Total	30.1	12.6	42.7	6.5	49.3	26.7	76.0	13.3	64.9
Part-time	Full-time	*	*	4.0	*	4.6	4.7	9.3	*	49.1
	Part-time	159.4	33.2	192.6	11.0	203.7	33.3	237.0	5.4	85.9
	Not attending	208.4	52.5	260.8	14.4	275.2	55.6	330.8	5.2	83.2
	Total	369.9	87.6	457.5	26.0	483.5	93.6	577.1	5.4	83.8
Did not attend	Full-time	*	*	4.7	*	6.3	11.4	17.7	*	35.8
	Part-time	113.2	28.9	142.0	9.7	151.7	34.4	186.1	6.4	81.5
	Not attending	3,848.0	880.9	4,728.9	311.9	5,040.8	2,083.7	7,124.4	6.2	70.8
	Total	3,964.1	911.5	4,875.6	323.2	5,198.8	2,129.5	7,328.3	6.2	70.9
Total	Full-time	9.6	10.2	19.8	3.6	23.4	37.9	61.3	15.3	38.2
	Part-time	277.3	63.2	340.4	21.9	362.3	68.8	431.2	6.1	84.0
	Not attending	4,077.2	938.4	5,015.6	330.2	5,345.8	2,143.0	7,488.8	6.2	71.4
	Total	4,364.1	1,011.8	5,375.8	355.7	5,731.6	2,249.8	7,981.3	6.2	71.8
TOTAL										
Full-time	Full-time	12.9	218.6	231.5	51.4	282.9	588.8	871.7	18.2	32.5
	Part-time	47.6	8.4	56.0	7.6	63.6	*	66.5	11.9	95.6
	Not attending	160.0	31.7	191.7	51.5	243.2	19.5	262.7	21.2	92.6
	Total	220.5	258.7	479.2	110.5	589.7	611.2	1,200.9	18.7	49.1
Part-time	Full-time	5.3	4.3	9.6	*	12.2	9.4	21.6	*	56.7
	Part-time	266.1	41.2	307.3	15.4	322.8	35.5	358.3	4.8	90.1
	Not attending	296.2	59.2	355.4	24.2	379.6	62.4	442.0	6.4	85.9
	Total	567.6	104.7	672.3	42.3	714.6	107.2	821.8	5.9	87.0
Did not attend	Full-time	5.5	6.5	12.1	5.2	17.3	26.7	44.0	30.0	39.2
	Part-time	162.5	33.7	196.2	15.5	211.7	38.2	249.9	7.3	84.7
	Not attending	4,672.8	967.3	5,640.0	460.3	6,100.3	2,235.5	8,335.8	7.5	73.2
	Total	4,840.8	1,007.5	5,848.3	481.0	6,329.3	2,300.4	8,629.7	7.6	73.3
Total	Full-time	23.7	229.5	253.2	59.2	312.4	624.8	937.2	19.0	33.3
	Part-time	476.2	83.3	559.5	38.5	598.1	76.7	674.8	6.4	88.6
	Not attending	5,129.0	1,058.1	6,187.1	536.0	6,723.1	2,317.3	9,040.4	8.0	74.4
	Total	5,628.9	1,370.9	6,999.8	633.8	7,633.6	3,018.9	10,652.4	8.3	71.7

TABLE 6. PERSONS AGED 15 TO 64: WHETHER ATTENDED AN EDUCATIONAL INSTITUTION AND TYPE OF EDUCATIONAL INSTITUTION ATTENDED IN 1986, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION AND TYPE OF EDUCATIONAL INSTITUTION ATTENDING, MAY 1987
(' 000)

In 1986	Type of educational institution attending at May 1987					Total	Not attending	Total
	School	University	CAE	TAFE/ technical college	Other			
Attended	619.2	178.9	158.4	307.1	54.4	1,318.1	704.6	2,022.7
School	618.2	26.5	26.9	63.4	8.9	743.8	165.4	909.2
University	*	144.5	5.1	*	*	154.2	59.2	213.4
CAE	*	*	120.7	*	*	129.3	68.8	198.1
TAFE/technical college	*	*	4.7	233.2	5.4	247.4	313.7	561.0
Other	*	*	*	4.4	36.4	43.4	97.6	141.0
Did not attend	6.6	30.1	38.4	169.7	49.1	293.9	8,335.8	8,629.7
Total	625.9	209.0	196.8	476.8	103.5	1,612.0	9,040.4	10,652.4

TABLE 7. PERSONS AGED 15 TO 64: AGE, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF ATTENDANCE AND TYPE OF EDUCATIONAL INSTITUTION ATTENDING, MAY 1987

Age	Attending full-time					Total	Attending part-time	Not attending	Total	Proportion attending full-time (per cent)
	School	University	CAE	TAFE/ technical college — ' 000—	Other					
MALES										
15-19	306.9	27.7	14.2	21.8	*	373.5	79.3	241.0	693.9	53.8
15	135.3	*	*	*	*	136.5	*	11.1	149.7	91.2
16	99.1	*	*	5.8	*	105.0	11.6	35.0	151.6	69.3
17	60.3	3.9	*	6.9	*	73.4	18.0	49.7	141.1	52.0
18	10.6	12.2	6.2	4.0	*	34.1	24.9	64.0	123.1	27.7
19	*	11.5	6.3	4.1	*	24.5	22.7	81.2	128.4	19.1
20-24	*	35.4	15.9	8.1	*	62.5	70.1	522.3	654.9	9.5
20	*	12.0	5.2	*	*	20.8	19.3	87.7	127.8	16.2
21	*	10.9	5.0	*	*	18.3	15.5	100.1	133.8	13.6
22	*	6.4	*	*	*	10.5	11.8	97.6	119.9	8.8
23	*	4.7	*	*	*	8.3	10.9	114.8	133.9	6.2
24	*	*	*	*	*	4.7	12.6	122.1	139.5	3.4
25-64	*	12.2	8.7	4.8	*	27.8	206.1	3,775.7	4,009.6	0.7
Total	307.8	75.3	38.9	34.8	7.2	463.9	355.5	4,539.0	5,358.4	8.7
FEMALES										
15-19	305.4	23.6	29.7	19.8	6.8	385.3	38.2	250.1	673.5	57.2
15	131.8	*	*	*	*	133.4	*	9.1	142.9	93.4
16	110.6	*	*	5.1	*	117.7	5.7	26.0	149.4	78.8
17	55.4	*	4.5	5.1	*	70.4	11.0	52.1	133.5	52.7
18	5.9	10.2	13.6	4.1	*	35.2	11.1	75.2	121.5	29.0
19	*	10.0	11.6	4.3	*	28.6	9.9	87.7	126.2	22.7
20-24	*	21.7	20.8	8.5	*	54.5	56.0	538.2	648.7	8.4
20	*	8.5	9.5	4.2	*	23.2	9.7	92.9	125.8	18.4
21	*	6.3	4.2	*	*	12.6	10.9	97.8	121.4	10.4
22	*	3.8	3.9	*	*	9.0	10.9	109.3	129.2	7.0
23	*	*	*	*	*	4.3	13.0	120.5	137.7	3.1
24	*	*	*	*	*	5.4	11.4	117.7	134.6	4.0
25-64	*	10.3	8.9	10.1	3.6	33.5	225.2	3,713.1	3,971.8	0.8
Total	307.0	55.6	59.3	38.5	13.0	473.3	319.3	4,501.4	5,294.0	8.9
PERSONS										
15-19	612.3	51.3	43.9	41.6	9.7	758.9	117.5	491.0	1,367.4	55.5
15	267.2	*	*	*	*	270.0	*	20.2	292.6	92.3
16	209.7	*	*	10.9	*	222.8	17.3	60.9	301.0	74.0
17	115.7	7.3	6.2	12.0	*	143.8	29.1	101.8	274.6	52.3
18	16.5	22.4	19.8	8.1	*	69.3	36.1	139.3	244.6	28.3
19	*	21.5	17.9	8.4	*	53.1	32.6	168.9	254.6	20.9
20-24	*	57.1	36.7	16.6	4.8	117.0	126.1	1,060.6	1,303.6	9.0
20	*	20.5	14.7	6.4	*	43.9	29.0	180.7	253.6	17.3
21	*	17.2	9.2	*	*	30.9	26.5	197.9	255.2	12.1
22	*	10.2	6.0	*	*	19.5	22.7	206.9	249.1	7.8
23	*	5.9	4.2	*	*	12.6	23.8	235.3	271.6	4.6
24	*	*	*	*	*	10.1	24.1	239.9	274.1	3.7
25-64	*	22.5	17.6	14.9	5.6	61.3	431.2	7,488.8	7,981.3	0.8
Total	614.8	130.8	98.2	73.2	20.1	937.2	674.8	9,040.4	10,652.4	8.8

TABLE 8. PERSONS AGED 15 TO 64: WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF EDUCATIONAL INSTITUTION ATTENDING, TYPE OF ATTENDANCE, LABOUR FORCE STATUS AND AGE, MAY 1987

		<i>Employed</i>			<i>Unem- ployed</i>	<i>Labour force</i>	<i>Not in labour force</i>	<i>Total</i>	<i>Unem- ployment rate</i>	<i>Partici- pation rate</i>
		<i>Full-time</i>	<i>Part-time</i>	<i>Total</i>						
		— '000—						—per cent—		
AGED 15 TO 19										
Attending—										
School	Part-time	*	*	*	*	*	*	*	*	*
	Total	*	135.7	137.9	36.9	174.7	439.2	613.9	r21.1	28.5
University	Part-time	*	*	*	*	*	*	*	*	*
	Total	*	19.6	22.2	4.2	26.3	27.8	54.1	15.8	48.6
CAE	Part-time	5.4	*	6.6	*	6.8	*	7.1	*	96.5
	Total	5.8	18.1	23.9	3.9	27.8	23.2	51.0	14.1	54.5
TAFE/technical college	Part-time	82.1	9.5	91.6	6.0	97.6	*	99.0	6.1	98.6
	Total	86.8	18.2	105.0	11.2	116.1	24.5	140.6	9.6	82.6
Other	Part-time	5.2	*	5.4	*	6.7	*	7.0	*	r96.4
	Total	5.5	*	8.5	*	10.7	6.0	16.7	*	r64.0
Total	Part-time	95.4	11.8	107.2	8.4	115.6	*	117.5	r7.2	98.4
	Total	102.8	194.5	297.3	58.4	355.7	520.7	876.4	16.4	40.6
Not attending		307.1	45.5	352.6	100.3	452.8	38.2	491.0	22.1	92.2
<i>Total</i>		<i>409.9</i>	<i>240.0</i>	<i>649.9</i>	<i>158.6</i>	<i>808.5</i>	<i>558.9</i>	<i>1,367.4</i>	<i>19.6</i>	<i>59.1</i>
AGED 20 TO 24										
Attending—										
School	Part-time	*	*	*	*	*	*	*	*	*
	Total	*	*	*	*	*	*	3.8	*	*
University	Part-time	11.0	*	12.0	*	12.4	*	13.4	*	92.6
	Total	12.1	19.4	31.5	*	32.9	37.6	70.5	*	46.6
CAE	Part-time	17.8	*	19.5	*	20.6	*	21.5	*	96.0
	Total	18.6	15.0	33.6	*	36.8	21.3	58.2	*	63.3
TAFE/technical college	Part-time	63.8	4.1	67.9	4.5	72.3	*	75.3	6.2	96.0
	Total	67.0	7.8	74.8	6.5	81.3	10.6	92.0	8.0	88.4
Other	Part-time	9.9	*	10.8	*	12.9	*	13.9	*	93.2
	Total	11.5	*	13.4	*	16.0	*	18.6	*	85.6
Total	Part-time	103.5	8.4	111.9	8.2	120.1	5.9	126.1	r6.8	95.3
	Total	110.2	44.9	155.2	13.9	169.0	74.0	243.1	8.2	69.5
Not attending		744.7	74.3	818.9	105.5	924.5	136.1	1,060.6	11.4	87.2
<i>Total</i>		<i>854.9</i>	<i>119.2</i>	<i>974.1</i>	<i>119.4</i>	<i>1,093.5</i>	<i>210.1</i>	<i>1,303.6</i>	<i>10.9</i>	<i>83.9</i>
AGED 25 TO 64										
Attending—										
School	Part-time	*	*	5.6	*	6.1	*	7.4	*	82.0
	Total	*	*	5.6	*	6.1	*	8.1	*	75.1
University	Part-time	43.2	9.2	52.4	3.5	55.8	6.0	61.9	6.2	90.3
	Total	45.7	14.0	59.7	3.9	63.6	20.8	84.4	6.1	75.4
CAE	Part-time	57.2	8.6	65.7	*	66.2	3.8	70.0	*	94.5
	Total	60.7	11.1	71.8	*	73.7	13.9	87.6	*	84.1
TAFE/technical college	Part-time	139.7	35.4	175.0	11.1	186.1	43.1	229.3	6.0	81.2
	Total	142.0	37.4	179.4	12.5	191.9	52.3	244.2	6.5	78.6
Other	Part-time	34.1	7.6	41.7	6.4	48.1	14.5	62.6	13.3	76.8
	Total	35.2	8.5	43.7	6.9	50.5	17.7	68.2	13.6	74.0
Total	Part-time	277.3	63.2	340.4	21.9	362.3	68.8	431.2	6.1	84.0
	Total	286.9	73.4	360.2	25.5	385.7	106.8	492.5	6.6	78.3
Not attending		4,077.2	938.4	5,015.6	330.2	5,345.8	2,143.0	7,488.8	6.2	71.4
<i>Total</i>		<i>4,364.1</i>	<i>1,011.8</i>	<i>5,375.8</i>	<i>355.7</i>	<i>5,731.6</i>	<i>2,249.8</i>	<i>7,981.3</i>	<i>6.2</i>	<i>71.8</i>
TOTAL										
Attending—										
School	Part-time	5.2	*	8.5	*	9.6	*	11.1	*	86.5
	Total	6.3	139.0	145.4	37.5	182.9	443.0	625.9	20.5	29.2
University	Part-time	56.0	10.8	66.8	4.3	71.1	7.1	78.2	6.0	90.9
	Total	60.4	53.0	113.3	9.4	122.7	86.2	209.0	7.7	58.7
CAE	Part-time	80.3	11.5	91.8	*	93.7	4.9	98.6	*	95.0
	Total	85.1	44.2	129.3	9.0	138.3	58.5	196.8	6.5	70.3
TAFE/technical college	Part-time	285.6	49.0	334.5	21.5	356.1	47.5	403.6	6.1	88.2
	Total	295.9	63.3	359.2	30.2	389.4	87.4	476.8	7.7	81.7
Other	Part-time	49.2	8.7	57.9	9.8	67.7	15.7	83.4	14.5	81.2
	Total	52.2	13.3	65.5	11.7	77.1	26.4	103.5	15.1	74.5
Total	Part-time	476.2	83.3	559.5	38.5	598.1	76.7	674.8	6.4	88.6
	Total	499.9	312.8	812.7	97.7	910.5	701.5	1,612.0	10.7	56.5
Not attending		5,129.0	1,058.1	6,187.1	536.0	6,723.1	2,317.3	9,040.4	8.0	74.4
<i>Total</i>		<i>5,628.9</i>	<i>1,370.9</i>	<i>6,999.8</i>	<i>633.8</i>	<i>7,633.6</i>	<i>3,018.9</i>	<i>10,652.4</i>	<i>8.3</i>	<i>71.7</i>

TABLE 9. PERSONS AGED 15 TO 64 WHO ATTENDED SCHOOL IN 1986: TYPE OF ATTENDANCE AT SCHOOL IN 1986, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF EDUCATIONAL INSTITUTION ATTENDING, TYPE OF ATTENDANCE AND LABOUR FORCE STATUS, MAY 1987

Type of attendance at school in 1986	Type of educational institution attending at May 1987	Type of attendance at May 1987	Employed			Unemployed — '000—	Labour force	Not in labour force	Total	Unemployment rate (per cent)
			Full-time	Part-time	Total					
Full-time	Attending School	Full-time	33.7	163.9	197.6	47.7	245.3	492.5	737.8	19.5
		Part-time	*	135.7	136.6	36.4	173.0	440.7	613.7	21.1
		Total	*	*	*	*	*	*	*	*
	Tertiary	Full-time	*	136.0	137.4	36.9	174.3	440.7	615.0	21.2
		Part-time	31.0	23.9	25.1	7.5	32.6	51.0	83.6	22.9
		Total	32.3	4.0	35.1	*	38.4	*	39.2	*
Not attending	Total	32.3	27.9	60.2	10.8	70.9	51.8	122.8	15.2	
	Total	86.7	18.6	105.3	36.5	141.7	12.4	154.1	25.7	
			120.4	182.5	302.8	84.1	387.0	504.9	891.9	21.7
Part-time	Attending		*	*	4.1	*	4.6	*	6.0	*
	Not attending		6.2	*	8.4	*	9.2	*	11.3	*
	Total		8.4	4.1	12.5	*	13.7	3.6	17.4	*
Total	Attending School	Full-time	35.9	165.8	201.7	48.2	249.8	494.0	743.8	19.3
		Part-time	*	135.7	136.6	36.4	173.0	440.7	613.7	21.1
		Total	*	*	3.5	*	4.2	*	4.4	*
	Tertiary	Full-time	*	137.3	140.1	37.1	177.3	440.9	618.2	20.9
		Part-time	31.8	24.3	25.5	7.7	33.2	51.9	85.1	23.3
		Total	33.0	4.2	36.0	*	39.3	*	40.5	*
Not attending	Total	33.0	28.5	61.5	11.0	72.6	53.1	125.6	15.2	
	Total	92.9	20.8	113.7	37.2	150.9	14.5	165.4	24.7	
Total			128.7	186.6	315.3	85.4	406.7	508.5	909.2	21.3

TABLE 10. PERSONS AGED 15 TO 64 WHO ATTENDED A TERTIARY INSTITUTION IN 1986: TYPE OF TERTIARY ATTENDANCE IN 1986, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF EDUCATIONAL INSTITUTION ATTENDING, TYPE OF ATTENDANCE AND LABOUR FORCE STATUS, MAY 1987

Type of tertiary attendance in 1986	Type of educational institution attending at May 1987	Type of attendance at May 1987	Employed			Unemployed — '000—	Labour force	Not in labour force	Total	Unemployment rate (per cent)
			Full-time	Part-time	Total					
Full-time	Attending(a) Tertiary	Full-time	26.7	63.2	90.0	11.3	101.3	99.2	200.4	11.2
		Part-time	10.7	59.1	69.8	7.5	77.3	96.5	173.9	9.7
		Total	16.0	4.1	20.2	3.8	23.9	*	26.1	15.8
	Not attending	Total	26.7	63.2	90.0	11.3	101.3	98.7	199.9	11.2
		Total	73.4	13.1	86.4	15.0	101.5	7.2	108.6	14.8
			100.1	76.3	176.4	26.3	202.7	106.3	309.0	13.0
Part-time	Attending(a) Tertiary	Full-time	269.2	43.6	312.8	17.6	330.4	43.4	373.8	5.3
		Part-time	5.3	3.9	9.2	*	11.6	8.4	20.0	*
		Total	263.9	39.6	303.4	15.0	318.4	34.9	353.3	4.7
	Not attending	Total	269.2	43.5	312.6	17.4	330.0	43.3	373.3	5.3
		Total	290.0	57.0	347.0	23.4	370.4	60.2	430.6	6.3
			559.2	100.6	659.8	41.1	700.9	103.6	804.5	5.9
Total	Attending(a) Tertiary	Full-time	295.9	106.8	402.8	28.9	431.7	142.6	574.3	6.7
		Part-time	16.0	63.0	79.0	9.9	88.9	105.0	193.9	11.1
		Total	279.9	43.7	323.6	18.8	342.4	37.0	379.3	5.5
	Not attending	Total	295.9	106.7	402.6	28.7	431.2	142.0	573.2	6.6
		Total	363.4	70.0	433.4	38.5	471.9	67.3	539.2	8.2
Total			659.3	176.9	836.2	67.4	903.6	209.9	1,113.5	7.5

(a) Includes a small number of persons who were attending school at May 1987.

TABLE 11. PERSONS AGED 15 TO 24 WHO ATTENDED SCHOOL IN 1986 BUT WERE NOT ATTENDING SCHOOL AT MAY 1987: WHETHER ATTENDING A TERTIARY INSTITUTION, TYPE OF TERTIARY INSTITUTION ATTENDING, TYPE OF ATTENDANCE AND TYPE OF SCHOOL LAST ATTENDED, MAY 1987

	<i>Government/ state</i>	<i>Non- government</i>	<i>Total</i>	<i>Government/ state</i>	<i>Non- government</i>	<i>Total</i>
	<i>— '000—</i>			<i>—per cent—</i>		
MALES						
Attending—						
University	7.4	7.1	14.4	6.3	22.6	9.8
Full-time	7.1	6.9	14.0	6.1	22.1	9.5
Part-time	*	*	*	*	*	*
CAE	6.3	3.7	10.0	5.4	11.9	6.7
Full-time	4.9	*	8.2	4.2	*	5.6
Part-time	*	*	*	*	*	*
TAFE/technical college	29.8	7.0	36.9	25.6	22.6	25.0
Full-time	12.3	*	15.0	10.5	*	10.2
Part-time	17.6	4.3	21.9	15.1	13.8	14.8
Other	*	*	*	*	*	*
Full-time	*	*	*	*	*	*
Part-time	*	*	*	*	*	*
Total	44.7	18.7	63.4	38.4	60.1	43.0
Full-time	25.4	13.5	38.9	21.8	43.4	26.4
Part-time	19.3	5.2	24.5	16.6	16.6	16.6
Not attending	71.7	12.5	84.2	61.6	39.9	57.0
<i>Total</i>	<i>116.4</i>	<i>31.2</i>	<i>147.6</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
FEMALES						
Attending—						
University	6.9	5.1	11.9	6.7	16.5	8.9
Full-time	6.5	4.6	11.1	6.3	15.1	8.3
Part-time	*	*	*	*	*	*
CAE	10.1	6.3	16.4	9.8	20.7	12.3
Full-time	9.7	6.1	15.8	9.4	19.9	11.8
Part-time	*	*	*	*	*	*
TAFE/technical college	20.7	5.2	26.0	20.1	17.1	19.4
Full-time	10.6	*	13.6	10.3	*	10.1
Part-time	10.1	*	12.4	9.8	*	9.2
Other	4.6	*	6.7	4.5	*	5.0
Full-time	*	*	5.2	*	*	3.9
Part-time	*	*	*	*	*	*
Total	42.3	18.7	61.0	40.9	61.0	45.5
Full-time	30.1	15.5	45.6	29.2	50.7	34.1
Part-time	12.2	*	15.3	11.8	*	11.5
Not attending	61.0	11.9	72.9	59.1	38.9	54.5
<i>Total</i>	<i>103.3</i>	<i>30.6</i>	<i>133.9</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
PERSONS						
Attending—						
University	14.2	12.1	26.3	6.5	19.6	9.4
Full-time	13.5	11.5	25.1	6.2	18.6	8.9
Part-time	*	*	*	*	*	*
CAE	16.3	10.0	26.4	7.4	16.2	9.4
Full-time	14.6	9.5	24.0	6.6	15.3	8.5
Part-time	*	*	*	*	*	*
TAFE/technical college	50.5	12.3	62.8	23.0	19.9	22.3
Full-time	22.9	5.7	28.6	10.4	9.2	10.2
Part-time	27.7	6.6	34.2	12.6	10.6	12.2
Other	5.9	*	8.9	2.7	*	3.1
Full-time	4.5	*	6.9	2.1	*	2.4
Part-time	*	*	*	*	*	*
Total	87.0	37.4	124.4	39.6	60.5	44.2
Full-time	55.5	29.0	84.5	25.3	47.0	30.0
Part-time	31.5	8.4	39.8	14.3	13.6	14.2
Not attending	132.7	24.4	157.1	60.4	39.5	55.8
<i>Total</i>	<i>219.7</i>	<i>61.8</i>	<i>281.5</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>

TABLE 12. PERSONS AGED 15 TO 24 WHO ATTENDED SCHOOL IN 1986 BUT WERE NOT ATTENDING SCHOOL AT MAY 1987: TYPE OF SCHOOL LAST ATTENDED, LABOUR FORCE STATUS, WHETHER ATTENDING A TERTIARY INSTITUTION AND TYPE OF ATTENDANCE, MAY 1987

Type of school last attended	Employed			Unem- ployed	Labour force	Not in labour force	Total	Unem- ployment rate	Partic- ipation rate
	Full-time	Part-time	Total						
				— '000—				—per cent—	
ATTENDING TERTIARY FULL-TIME									
Males—									
Government/state	*	5.6	5.9	*	8.7	16.7	25.4	*	34.1
Non-government	*	3.9	4.1	*	5.0	8.5	13.5	*	37.2
Total	*	9.5	10.0	3.7	13.7	25.2	38.9	26.7	35.2
Females—									
Government/state	*	10.4	10.6	*	13.5	16.6	30.1	*	44.9
Non-government	*	4.4	4.9	*	6.0	9.5	15.5	*	38.7
Total	*	14.8	15.5	4.1	19.5	26.1	45.6	20.8	42.8
Persons—									
Government/state	*	16.0	16.5	5.7	22.2	33.3	55.5	25.6	40.0
Non-government	*	8.3	9.0	*	11.0	18.0	29.0	*	38.0
Total	*	24.3	25.5	7.7	33.2	51.3	84.5	23.3	39.3
ATTENDING TERTIARY PART-TIME									
Males—									
Government/state	15.6	*	17.4	*	18.9	*	19.3	*	98.0
Non-government	4.6	*	5.0	*	5.2	*	5.2	*	100.0
Total	20.2	*	22.4	*	24.1	*	24.5	*	98.4
Females—									
Government/state	8.6	*	10.3	*	11.7	*	12.2	*	95.8
Non-government	*	*	*	*	*	*	*	*	*
Total	11.2	*	13.2	*	14.8	*	15.3	*	96.7
Persons—									
Government/state	24.3	*	27.6	*	30.6	*	31.5	*	97.2
Non-government	7.2	*	8.0	*	8.4	*	8.4	*	100.0
Total	31.4	4.2	35.6	*	39.0	*	39.8	*	97.8
NOT ATTENDING TERTIARY									
Males—									
Government/state	41.9	5.0	47.0	19.8	66.8	4.9	71.7	29.7	93.2
Non-government	8.3	*	9.7	*	11.9	*	12.5	*	95.2
Total	50.2	6.5	56.7	22.0	78.7	5.5	84.2	27.9	93.4
Females—									
Government/state	31.5	10.4	41.9	13.7	55.5	5.5	61.0	24.6	91.0
Non-government	7.0	*	8.9	*	10.3	*	11.9	*	86.3
Total	38.5	12.3	50.8	15.0	65.8	7.1	72.9	22.8	90.3
Persons—									
Government/state	73.4	15.4	88.8	33.5	122.4	10.4	132.7	27.4	92.2
Non-government	15.3	*	18.6	3.5	22.1	*	24.4	15.8	90.8
Total	88.7	18.8	107.5	37.0	144.5	12.6	157.1	25.6	92.0
TOTAL									
Males—									
Government/state	57.9	12.4	70.3	24.1	94.4	22.0	116.4	25.6	81.1
Non-government	13.1	5.8	18.9	*	22.1	9.1	31.2	*	70.8
Total	71.0	18.2	89.2	27.3	116.5	31.1	147.6	23.5	78.9
Females—									
Government/state	40.3	22.4	62.7	18.0	80.7	22.6	103.3	22.3	78.1
Non-government	10.0	6.7	16.7	*	19.5	11.1	30.6	*	63.6
Total	50.3	29.1	79.5	20.7	100.2	33.7	133.9	20.7	74.8
Persons—									
Government/state	98.2	34.8	133.0	42.1	175.1	44.6	219.7	24.0	79.7
Non-government	23.1	12.5	35.6	5.9	41.6	20.2	61.8	14.3	67.2
Total	121.3	47.3	168.6	48.0	216.7	64.8	281.5	22.2	77.0

TABLE 13. PERSONS AGED 15 TO 24 WHO ATTENDED AN EDUCATIONAL INSTITUTION FULL-TIME IN 1986 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1986, WHETHER CONTINUING FULL-TIME EDUCATION, AND WHETHER ATTENDING SAME TYPE OF EDUCATIONAL INSTITUTION AS IN 1986, MAY 1987

Type of educational institution attended full-time in 1986	Continuing full-time education			Leavers		Total ('000)
	Same type of educational institution as in 1986	Different type of educational institution than in 1986	Total	Number	Proportion of total (per cent)	
MALES						
School	307.3	38.6	346.0	107.1	23.6	453.1
University	44.3	*	45.4	10.7	19.0	56.1
CAE	16.3	*	16.7	10.6	38.7	27.3
TAFE/technical college	6.6	*	7.8	19.5	71.4	27.4
Other	*	*	*	*	*	*
Total	375.2	41.7	416.9	148.9	26.3	565.8
FEMALES						
School	306.2	44.5	350.6	87.3	19.9	437.9
University	31.6	*	32.6	12.0	26.9	44.5
CAE	28.5	*	28.8	10.7	27.0	39.5
TAFE/technical college	6.5	*	7.1	15.2	68.3	22.3
Other	*	*	*	13.6	90.9	14.9
Total	374.1	46.4	420.4	138.7	24.8	559.1
PERSONS						
School	613.5	83.1	696.6	194.4	21.8	891.0
University	75.9	*	78.0	22.6	22.5	100.6
CAE	44.7	*	45.6	21.3	31.8	66.8
TAFE/technical college	13.1	*	14.9	34.8	70.0	49.7
Other	*	*	*	14.5	86.3	16.8
Total	749.3	88.1	837.4	287.6	25.6	1,124.9

TABLE 14. LEAVERS AGED 15 TO 64 : AGE AT TIME OF LEAVING FULL-TIME EDUCATION, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION AND TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1986, MAY 1987 ('000)

	Attended school in 1986			Attended tertiary in 1986			Total		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
<i>Age at time of leaving—</i>									
14 and under	*	*	4.9	*	*	*	*	*	4.9
15-19	102.9	84.8	187.7	19.6	25.4	45.1	122.5	110.2	232.8
15	27.6	16.5	44.1	*	*	*	27.9	17.1	44.9
16	31.7	29.2	60.9	*	4.0	6.8	34.5	33.2	67.7
17	27.4	26.0	53.5	4.5	5.6	10.1	31.9	31.7	63.5
18	14.9	10.4	25.3	7.9	9.3	17.2	22.8	19.7	42.5
19	*	*	3.9	4.2	6.0	10.2	5.5	8.6	14.1
20-24	*	*	*	24.1	27.5	51.5	25.1	28.2	53.3
25-64	*	*	*	18.1	19.9	38.0	18.1	20.0	38.2
<i>Whether attending at May 1987—</i>									
Attending part-time	24.8	15.7	40.5	13.9	12.1	26.1	38.7	27.8	66.5
Not attending	82.4	71.7	154.1	47.9	60.7	108.6	130.3	132.4	262.7
Total	107.1	87.4	194.5	61.8	72.8	134.7	169.0	160.2	329.2

TABLE 15. LEAVERS AGED 15 TO 64 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1986 AND AGE, MAY 1987 ('000)

Type of educational institution attended full-time in 1986	Aged 15 to 19			Aged 20 to 24			Total(a)		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
School	105.0	84.9	190.0	*	*	4.4	107.1	87.4	194.5
University	*	*	*	9.4	10.4	19.8	17.8	16.8	34.6
CAE	*	*	4.4	8.0	8.9	16.9	13.7	16.0	29.7
TAFE/technical college	12.5	10.1	22.6	7.1	5.1	12.2	25.3	20.6	45.9
Other	*	8.8	9.0	*	4.8	5.5	5.0	19.5	24.5
Total	121.6	107.2	228.8	27.3	31.5	58.8	169.0	160.2	329.2

(a) Includes leavers aged 25 to 64.

TABLE 16. LEAVERS AGED 15 TO 64 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1986, LABOUR FORCE STATUS AND AGE, MAY 1987

Type of educational institution attended full-time in 1986	Employed			Unemployed	Labour force	Not in labour force	Total	Unemployment rate	Participation rate
	Full-time	Part-time	Total						
— '000—									
—per cent—									
AGED 15 TO 19									
School	116.8	22.6	139.4	38.7	178.1	11.8	190.0	21.8	93.8
University	*	*	*	*	*	*	*	*	*
CAE	*	*	3.9	*	4.4	*	4.4	*	100.0
TAFE/technical college	16.0	*	18.6	*	21.8	*	22.6	*	96.5
Other	6.8	*	7.6	*	8.7	*	9.0	*	96.0
Total	143.6	27.7	171.3	44.3	215.6	13.1	228.8	20.6	94.3
AGED 20 TO 24									
School	*	*	*	*	*	*	4.4	*	*
University	14.8	*	17.3	*	18.6	*	19.8	*	94.1
CAE	11.7	*	13.5	*	16.1	*	16.9	*	95.5
TAFE/technical college	7.1	*	7.9	*	10.9	*	12.2	*	89.0
Other	*	*	4.3	*	5.5	*	5.5	*	100.0
Total	38.4	6.3	44.7	9.6	54.4	4.5	58.8	17.7	92.4
AGED 25 TO 64									
School	*	*	*	*	*	*	*	*	*
University	7.6	*	9.4	*	10.7	*	12.0	*	89.2
CAE	5.7	*	6.2	*	7.1	*	8.4	*	84.8
TAFE/technical college	6.1	*	8.1	*	9.6	*	11.1	*	85.7
Other	6.1	*	8.0	*	9.4	*	10.0	*	94.3
Total	25.6	6.1	31.6	5.1	36.8	4.9	41.6	13.9	88.3
TOTAL									
School	118.2	22.9	141.1	40.3	181.4	13.2	194.5	22.2	93.2
University	23.7	4.7	28.4	3.6	32.0	*	34.6	11.2	92.5
CAE	20.1	*	23.5	4.1	27.6	*	29.7	14.8	93.1
TAFE/technical college	29.2	5.5	34.6	7.6	42.2	3.7	45.9	17.9	91.9
Other	16.4	3.6	20.0	3.6	23.6	*	24.5	15.3	96.2
Total	207.6	40.1	247.7	59.1	306.8	22.4	329.2	19.3	93.2

TABLE 17. LEAVERS AGED 15 TO 64 : TIME OF LEAVING FULL-TIME EDUCATION, AGE AND TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1986, MAY 1987 ('000)

Time of leaving full-time education	Aged 15 to 19			Aged 20 to 24			Total(a)		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
ATTENDED SCHOOL IN 1986									
January-June 1986	13.6	10.1	23.8	*	*	*	14.1	10.6	24.7
July-October 1986	9.1	10.8	19.9	*	*	*	9.3	11.0	20.3
November 1986	43.0	32.1	75.1	*	*	*	43.9	33.5	77.4
December 1986	28.9	24.7	53.6	*	*	*	29.4	25.1	54.6
January-May 1987	10.4	7.1	17.5	*	*	*	10.4	7.1	17.5
Total	105.0	84.9	190.0	*	*	4.4	107.1	87.4	194.5
ATTENDED TERTIARY IN 1986									
January-June 1986	*	5.3	7.8	3.6	*	6.7	9.6	11.9	21.5
July-October 1986	4.0	4.7	8.8	*	3.9	7.3	12.6	12.5	25.1
November 1986	6.2	8.1	14.2	12.2	15.9	28.1	25.4	32.6	58.0
December 1986	*	4.1	7.5	5.3	5.0	10.3	11.8	13.2	25.0
January-May 1987	*	*	*	*	*	*	*	*	5.0
Total	16.5	22.3	38.8	25.2	29.2	54.4	61.8	72.8	134.7
TOTAL									
January-June 1986	16.2	15.4	31.6	4.1	3.6	7.7	23.8	22.5	46.3
July-October 1986	13.2	15.5	28.7	3.5	4.1	7.6	21.9	23.5	45.3
November 1986	49.2	40.2	89.3	13.1	17.1	30.2	69.3	66.1	135.4
December 1986	32.2	28.8	61.1	5.9	5.4	11.3	41.3	38.3	79.6
January-May 1987	10.8	7.3	18.0	*	*	*	12.8	9.8	22.6
Total	121.6	107.2	228.8	27.3	31.5	58.8	169.0	160.2	329.2

(a) Includes leavers aged 25 to 64.

TABLE 18. LEAVERS AGED 15 TO 64 : LABOUR FORCE STATUS AND AGE, MAY 1987

Labour force status	Aged 15 to 19			Aged 20 to 24			Total(a)		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
	—'000—								
Labour force	116.1	99.6	215.6	26.0	28.4	54.4	161.3	145.4	306.8
Employed	90.4	80.9	171.3	22.3	22.5	44.7	130.2	117.5	247.7
Full-time	80.8	62.8	143.6	19.9	18.5	38.4	116.5	91.1	207.6
Part-time	9.6	18.1	27.7	*	3.9	6.3	13.7	26.4	40.1
Unemployed	25.7	18.7	44.3	3.7	5.9	9.6	31.1	28.0	59.1
Not in labour force	5.5	7.6	13.1	*	*	4.5	7.7	14.8	22.4
Total	121.6	107.2	228.8	27.3	31.5	58.8	169.0	160.2	329.2
	—per cent—								
Unemployment rate	22.1	18.7	20.6	14.2	20.9	17.7	19.3	19.2	19.3
Participation rate	95.5	92.9	94.3	95.0	90.1	92.4	95.5	90.8	93.2

(a) Includes leavers aged 25 to 64.

TABLE 19. EMPLOYED LEAVERS AGED 15 TO 64 : INDUSTRY, FULL-TIME OR PART-TIME STATUS AND TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1986, MAY 1987 ('000)

	Attended school in 1986			Attended tertiary in 1986			Total			
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	
<i>Industry—</i>										
Agriculture, forestry, fishing and hunting	6.1	*	7.3	*	*	4.1	8.3	*	11.3	
Manufacturing	17.5	5.9	23.4	7.3	*	10.8	24.8	9.3	34.1	
Construction	7.6	*	8.2	5.1	*	5.3	12.7	*	13.5	
Wholesale and retail trade	25.7	25.9	51.6	7.6	8.3	15.9	33.4	34.2	67.6	
Transport and storage; communication	*	*	*	*	*	4.1	4.6	*	7.2	
Finance, property and business services	7.0	11.7	18.7	7.2	10.4	17.6	14.2	22.0	36.2	
Community services	*	7.4	10.6	12.1	19.6	31.7	15.3	27.0	42.3	
Recreation, personal and other services	4.5	7.2	11.7	*	4.9	8.0	7.6	12.2	19.7	
Other(a)	4.6	*	6.6	4.7	4.3	9.1	9.4	6.3	15.7	
<i>Full-time or part-time status—</i>										
Full-time workers		69.1	49.1	118.2	47.4	42.0	89.4	116.5	91.1	207.6
Part-time workers		8.6	14.3	22.9	5.1	12.1	17.2	13.7	26.4	40.1
Total		77.7	63.4	141.1	52.5	54.1	106.6	130.2	117.5	247.7

(a) Comprises mining; electricity, gas and water; and public administration and defence.

TABLE 20. EMPLOYED LEAVERS AGED 15 TO 64 : OCCUPATION AND TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1986, MAY 1987 ('000)

Occupation	Attended school in 1986			Attended tertiary in 1986			Total		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
Managers and administrators	*	*	*	*	*	4.3	3.5	*	5.4
Professionals	*	*	*	17.1	15.1	32.1	17.9	15.8	33.7
Para-professionals	*	*	*	*	5.0	8.3	4.8	5.2	10.0
Tradespersons	29.0	6.1	35.1	12.2	*	14.6	41.2	8.5	49.7
Clerks	8.8	21.3	30.0	4.9	17.9	22.9	13.7	39.2	52.9
Salespersons and personal service workers	9.5	26.2	35.7	5.1	9.5	14.6	14.6	35.7	50.3
Plant and machine operators, and drivers	*	*	5.0	*	*	*	4.6	*	6.6
Labourers and related workers	24.5	6.5	30.9	5.5	*	8.1	30.0	9.1	39.1
Total		77.7	63.4	52.5	54.1	106.6	130.2	117.5	247.7

TABLE 21. UNEMPLOYED LEAVERS AGED 15 TO 24 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1986 AND TYPE OF SCHOOL LAST ATTENDED, MAY 1987 ('000)

Type of educational institution attended full-time in 1986	Type of school last attended		Total
	Government/state	Non-government	
School	36.6	3.7	40.3
University/CAE	4.5	*	5.4
TAFE/technical college/other	5.1	*	8.3
Total	46.2	7.8	54.0

TABLE 22. APPRENTICES : INDUSTRY, MAY 1983 TO MAY 1987
(' 000)

Industry	1983	1984	1985	1986	1987
Manufacturing	52.2	46.9	48.3	32.3	38.3
Construction	22.1	21.6	23.1	24.6	27.7
Wholesale and retail trade	30.6	28.5	29.6	31.6	30.5
Recreation, personal and other services	17.0	r17.2	19.1	21.3	19.1
Other(a)	29.2	28.4	27.7	24.7	24.1
Total	151.1	r142.6	147.8	134.5	139.7

(a) Comprises agriculture, forestry, fishing and hunting; mining; electricity, gas and water; transport and storage; communication; finance, property and business services; public administration and defence; and community services.

TABLE 23. APPRENTICES : SUMMARY OF CHARACTERISTICS AND FIELD OF TRADE, MAY 1987
(' 000)

	Field of trade									Total
	Metal fitting and machining	Other metal	Electrical and electronics	Building	Printing	Vehicle	Food	Hair-dressing	Other	
State—										
N.S.W.	5.0	*	7.0	8.6	*	7.9	*	4.4	5.9	45.4
Vic.	*	*	5.5	7.5	*	4.8	4.2	*	8.3	42.3
Qld	*	*	3.2	*	*	*	*	*	*	18.6
S.A.	*	*	*	*	*	2.2	*	*	2.0	11.5
W.A.	*	*	*	2.0	*	*	*	*	2.2	13.4
Tas.	*	*	*	*	*	*	*	*	*	4.5
N.T.	*	*	*	*	*	*	*	*	*	*
A.C.T.	*	*	*	*	*	*	*	*	*	2.2
Age—										
15-19	10.7	7.4	13.4	19.0	*	15.4	8.8	11.2	14.2	103.3
15	*	*	*	*	*	*	*	*	*	*
16	*	*	*	3.5	*	*	*	*	*	16.8
17	*	*	*	3.5	*	4.1	*	*	*	25.8
18	3.6	*	4.2	5.1	*	3.7	*	*	6.2	30.5
19	*	*	4.4	6.2	*	4.1	*	*	*	27.4
20-24	4.4	*	5.7	4.7	*	3.7	*	*	7.5	34.3
25-34	*	*	*	*	*	*	*	*	*	*
Birthplace—										
Born in Australia	14.2	8.9	18.5	21.7	4.0	17.8	9.6	11.7	20.9	127.4
Born outside Australia	*	*	*	*	*	*	*	*	*	12.3
Whether attended an educational institution and type of educational institution attended in 1986—										
Attended	13.3	9.3	16.8	20.5	*	15.8	8.1	11.7	15.6	114.3
School	*	*	*	4.8	*	4.6	*	4.2	4.1	30.1
Tertiary	10.1	6.2	13.8	15.7	*	11.2	5.2	7.5	11.4	84.2
Did not attend	*	*	*	*	*	3.5	*	*	6.8	25.4
Age at time of leaving full-time education—										
Attending full-time at May 1987	*	*	*	*	*	*	*	*	*	6.0
Not attending full-time at May 1987	14.1	9.7	18.1	23.2	4.2	18.3	10.6	13.1	20.5	131.8
15-19	13.8	9.5	17.7	22.6	4.2	17.9	10.5	12.9	20.3	129.4
15	*	*	*	7.6	*	5.6	4.0	4.8	3.9	33.6
16	6.3	5.0	8.7	9.4	*	7.5	3.1	5.4	7.5	54.4
17	*	*	4.9	*	*	*	*	*	6.5	27.5
18	*	*	*	*	*	*	*	*	*	11.0
19	*	*	*	*	*	*	*	*	*	*
Other(a)	*	*	*	*	*	*	*	*	*	*
Not asked(b)	*	*	*	*	*	*	*	*	*	*
Type of school last attended—										
Government/state	11.9	7.8	15.7	17.8	*	15.6	10.3	10.1	17.4	110.0
Non-government	*	*	*	6.0	*	3.5	*	3.5	4.3	27.6
Not asked(c)	*	*	*	*	*	*	*	*	*	*
Industry—										
Manufacturing	9.1	5.9	5.5	*	4.4	*	*	*	8.6	38.3
Electricity, gas and water	*	*	*	*	*	*	*	*	*	4.2
Construction	*	*	5.5	18.2	*	*	*	*	*	27.7
Wholesale and retail trade	*	*	*	*	*	16.0	4.4	*	4.6	30.5
Community services	*	*	*	*	*	*	*	*	*	4.7
Recreation, personal and other services	*	*	*	*	*	*	4.8	13.6	*	19.1
Other(d)	*	*	*	*	*	*	*	*	5.7	15.2
Sector—										
Government	*	*	6.2	*	*	*	*	*	*	18.2
Non-government(e)	13.2	7.5	13.5	21.6	4.3	18.0	10.3	13.7	19.3	121.5
Total	15.2	9.9	19.7	24.1	4.5	19.3	10.9	13.7	r22.4	139.7

(a) Comprises persons who left school at age 10 to 14 or 20 to 34. (b) Persons aged 25 to 34 who were not full-time students in 1986, were not asked the age at which they left full-time education. (c) Comprises persons aged 25 to 34. (d) Includes agriculture, forestry, fishing and hunting; mining; transport and storage; communication; finance, property and business services; and public administration and defence. (e) Includes a small number of persons for whom sector could not be determined.

TABLE 24. APPRENTICES : FIELD OF TRADE AND YEAR OF APPRENTICESHIP, MAY 1987
 (' 000)

Field of trade	Year of apprenticeship				Total
	First	Second	Third	Fourth(a)	
MALES					
Metal fitting and machining	3.5	4.8	4.0	*	15.2
Other metal	3.6	*	*	*	9.9
Electrical and electronics	*	5.9	5.5	4.9	19.3
Building	5.8	6.6	6.5	4.8	23.8
Printing	*	*	*	*	4.2
Vehicle	6.1	5.8	*	4.8	19.2
Food	3.8	*	*	*	9.4
Hairdressing	*	*	*	*	*
Other	r6.5	r5.6	r5.7	*	r20.5
Total	33.6	35.3	30.0	23.8	122.8
PERSONS(b)					
Metal fitting and machining	3.5	4.8	4.0	*	15.2
Other metal	3.6	*	*	*	9.9
Electrical and electronics	*	6.1	5.5	5.1	19.7
Building	5.8	6.6	6.7	5.0	24.1
Printing	*	*	*	*	4.5
Vehicle	6.1	5.9	*	4.8	19.3
Food	4.1	*	*	*	10.9
Hairdressing(c)	4.8	3.6	*	*	13.7
Other	r7.2	r6.1	r6.5	*	r22.4
Total	39.0	40.2	33.3	27.2	139.7

(a) Includes a small number of fifth year apprentices. (b) Includes 16,900 females. (c) Includes 12,500 females.

TABLE 25. APPRENTICES : SUMMARY OF CHARACTERISTICS AND YEAR OF APPRENTICESHIP, MAY 1987
 (' 000)

	Year of apprenticeship				Total
	First	Second	Third	Fourth(a)	
<i>State—</i>					
N.S.W.	12.8	14.0	10.1	8.6	45.4
Vic.	11.9	13.7	9.7	7.0	42.3
Qld	5.4	3.7	5.0	4.5	18.6
S.A.	2.9	3.9	2.6	2.1	11.5
W.A.	2.8	3.5	3.7	3.4	13.4
Tas.	1.2	*	1.5	*	4.5
N.T.	*	*	*	*	*
A.C.T.	*	*	*	*	2.2
<i>Age—</i>					
15-19	36.3	33.9	22.0	11.0	103.3
15	*	*	*	*	*
16	13.2	3.6	*	*	16.8
17	12.6	11.2	*	*	25.8
18	6.1	14.7	8.3	*	30.5
19	*	4.5	12.0	9.3	27.4
20-24	*	5.6	10.5	15.6	34.3
25-34	*	*	*	*	*
<i>Birthplace—</i>					
Born in Australia	37.0	36.6	30.2	23.7	127.4
Born outside Australia	*	3.6	*	3.6	12.3
<i>Whether attended an educational institution and type of educational institution attended in 1986—</i>					
Attended	31.9	32.7	28.3	21.3	114.3
School	27.5	*	*	*	30.1
Tertiary	4.4	30.2	28.3	21.3	84.2
Did not attend	7.1	7.5	5.1	5.8	25.4
<i>Age at time of leaving full-time education—</i>					
Attending full-time at May 1987	*	*	*	*	6.0
Not attending full-time at May 1987	37.6	37.3	30.7	26.2	131.8
15-19	37.0	36.6	30.3	25.6	129.4
15	12.2	9.4	5.7	6.3	33.6
16	14.2	15.7	13.7	10.8	54.4
17	7.3	9.5	6.7	4.1	27.5
18	*	*	*	3.5	11.0
19	*	*	*	*	*
Other(b)	*	*	*	*	*
Not asked(c)	*	*	*	*	*
<i>Type of school last attended—</i>					
Government/state	33.5	30.7	25.5	20.3	110.0
Non-government	5.4	8.8	7.0	6.3	27.6
Not asked(d)	*	*	*	*	*
<i>Industry—</i>					
Manufacturing	9.2	12.0	9.8	7.3	38.3
Electricity, gas and water	*	*	*	*	4.2
Construction	6.2	8.3	8.0	5.2	27.7
Wholesale and retail trade	10.2	7.8	7.0	5.6	30.5
Community services	*	*	*	*	4.7
Recreation, personal and other services	7.0	6.0	*	3.6	19.1
Other(e)	3.7	3.6	4.1	3.8	15.2
<i>Sector—</i>					
Government	5.1	4.5	4.9	3.8	18.2
Non-government(f)	33.9	35.7	28.4	23.5	121.5
Total	39.0	40.2	33.3	27.2	139.7

(a) Includes a small number of fifth year apprentices. (b) Comprises persons who left at age 10 to 14 or 20 to 34. (c) Persons aged 25 to 34 who were not full-time students in 1986 were not asked the age at which they left full-time education. (d) Comprises persons aged 25 to 34. (e) Includes agriculture, forestry, fishing and hunting; mining; transport and storage; communication; finance, property and business services; and public administration and defence. (f) Includes a small number of persons for whom sector could not be determined.

TECHNICAL NOTE

Estimation procedure

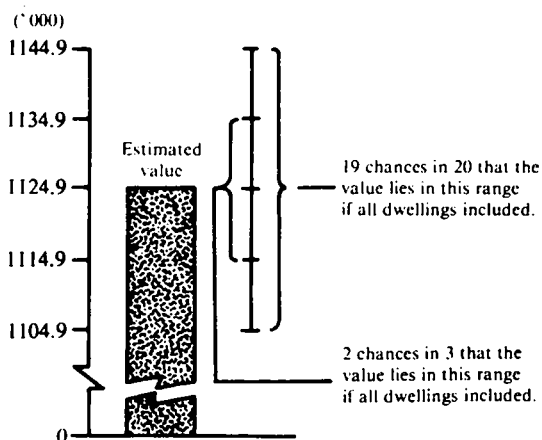
The estimates are derived from the population survey by use of a ratio estimation procedure, which ensures that the estimates conform to an independently estimated distribution of the population for each capital city and remainder of State by age and sex, rather than to the corresponding distribution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

Reliability of the estimates

2. 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*, 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 standard error from the number that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure of the likely difference is the *relative standard error*, which is obtained by expressing the standard error as a percentage of the estimate.

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

4. An example of the calculation and the use of standard errors in relation to estimates of persons is as follows. Table 13 shows the estimated number of persons aged 15 to 24 who attended an educational institution full-time in 1986 is 1,124,900. Since this estimate is between 1,000,000 and 2,000,000 in the standard error table, the standard error for Australia will be between 9,700 and 12,300 and can be approximated as 10,000 (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 in the range 1,114,900 to 1,134,900 and about nineteen chances in twenty that the value will fall within the range 1,104,900 to 1,144,900. This example is illustrated in the following diagram.



5. As can be seen from the standard error table, *the smaller the estimate the higher is the relative standard error*. Very small estimates are thus subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this publication, estimates less than the lowest levels shown in the standard error table have not been published. Although in some cases estimates for these small components can be derived by subtraction, they should not be regarded as reliable.

6. Proportions and percentages formed from the ratio of two estimates are also subject to sampling errors. The size of the error depends on the accuracy of both the numerator and the denominator. The formula for the relative standard error (RSE) of a proportion is given below:

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

7. Considering the example from paragraph 4 above, of the 1,124,900 persons aged 15 to 24 who attended and educational institution full-time in 1986 891,000 or 79.2 per cent attended school. The standard error of 891,000 is approximately 9,200 so the relative standard error is 1.0 per cent. The relative standard error for 1,124,900 is 0.9 per cent. Applying the above formula, the relative standard error of the proportion is $\sqrt{(1.0)^2 - (0.9)^2}$ or 0.4 per cent, giving a standard error for the proportion (79.2 per cent) of 0.3 percentage points. Therefore, there are about two chances in three that the proportion of persons aged 15 to 24 who attended school full-time in 1986 is between 78.9 per cent and 79.5 per cent and nineteen chances in twenty the proportion is within the range 78.6 per cent to 79.8 per cent.

8. 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 standard errors and the relationship (correlation) between them. An approximate standard error (SE) of the difference between two estimates (x-y) may be calculated by the following formula:

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

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

9. The imprecision due to sampling variability, which is measured by the standard error, 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 ESTIMATES

Size of estimate	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia	
	— number —									Relative standard error (per cent)
1,000						250				
1,300						280				310
1,500						300				330
1,800				430		330	410			350
2,000				460	480	340	430			370
2,500				500	530	380	470			400
3,000			690	550	580	410	500			430
3,500			750	590	620	440	530			450
4,000	950	960	800	620	660	460	560		820	470
4,500	1,000	1,000	840	650	690	480	590		880	500
5,000	1,050	1,050	880	690	720	500	610		930	510
6,000	1,150	1,150	960	740	780	540	650		980	550
10,000	1,450	1,450	1,200	920	970	660	790		1,100	650
20,000	2,000	1,950	1,650	1,200	1,300	860	1,050		1,400	810
50,000	2,900	2,850	2,350	1,700	1,800	1,150	1,450		1,950	1,050
100,000	3,850	3,700	3,050	2,200	2,300	1,450		1,250	2,950	1,250
200,000	5,100	4,750	3,950	2,750	2,950	1,750			3,950	
300,000	5,900	5,500	4,500	3,100	3,350				5,300	
500,000	7,200	6,500	5,300	3,650	3,900				6,200	
1,000,000	9,200	8,100	6,600						7,500	
2,000,000	11,600	9,900							9,700	
5,000,000									12,300	
10,000,000									16,500	
12,000,000									20,300	
									21,400	

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