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**TRANSITION FROM EDUCATION TO WORK
AUSTRALIA**

MAY 1986

IAN CASTLES

Australian Statistician

AUSTRALIAN BUREAU OF STATISTICS

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CONTENTS

<i>Table</i>		<i>Page</i>
..	Explanatory Notes	1
..	Summary of Findings	3
Persons aged 15 to 64, May 1981 to May 1986—		
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 24, May 1981 to May 1986—		
2	Whether attended an educational institution full-time in previous year and whether continuing full-time education	6
Persons aged 15 to 17, May 1983 to May 1986—		
3	Whether attending school and sex	7
Leavers aged 15 to 64, May 1981 to May 1986—		
Type of educational institution attended full-time in previous year—		
4	Labour force status	7
5	Whether attending an educational institution	7
Persons aged 15 to 64—		
Whether attending an educational institution, type of attendance, labour force status and age—		
6	Type of educational institution attending	8
7	Whether attended an educational institution and type of attendance in 1985	9
Persons aged 15 to 64 who attended school in 1985—		
8	Type of attendance at school in 1985, whether attending an educational institution, type of educational institution attending, type of attendance and labour force status	10
Persons aged 15 to 64 who attended a tertiary institution in 1985—		
9	Type of tertiary attendance in 1985, whether attending an educational institution, type of educational institution attending, type of attendance and labour force status	10
Persons aged 15 to 24—		
10	Whether attended an educational institution and type of educational institution attended in 1985, whether attending an educational institution and type of educational institution attending	10
11	Age, whether attending an educational institution, type of attendance and type of educational institution attending and sex	11

CONTENTS

<i>Table</i>	<i>Page</i>
Persons aged 15 to 24 who attended school in 1985 but were not attending school at May 1986—	
	Type of school last attended, whether attending a tertiary institution, type of attendance—
12	Type of tertiary institution attending 11
13	Labour force status and sex 12
Persons aged 15 to 24 who attended an educational institution full-time in 1985—	
14	Type of educational institution attended full-time in 1985, whether continuing full-time education, whether attending same type of educational institution as in 1985 and sex 13
Leavers aged 15 to 64—	
	Age—
15	Labour force status and sex 13
16	Type of educational institution attended full-time in 1985 and sex 13
17	Type of educational institution attended full-time in 1985 and labour force status 14
Leavers aged 15 to 24—	
	Type of educational institution attended full-time in 1985—
18	Time of leaving full-time education, age and sex 14
19	Age at time of leaving full-time education, whether attending an educational institution and sex 15
Employed leavers aged 15 to 24—	
	Type of educational institution attended full-time in 1985—
20	Industry, full-time or part-time status and sex 15
21	Occupation and sex 15
Unemployed leavers aged 15 to 24—	
22	Type of educational institution attended full-time in 1985 and type of school last attended 15
Apprentices, May 1983 to May 1986—	
23	Field of trade 16
Apprentices—	
	Field of trade—
24	Summary of characteristics 16
25	Year of apprenticeship 17
26	Summary of characteristics and year of apprenticeship 17
..	Additional Tables 18
..	Technical Note 19

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 1986 labour force survey conducted throughout Australia.

2. Of the respondents to the labour force survey, those who fell within the scope of the supplementary were asked additional questions. This subset of respondents was 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 1986 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 sanatoria and inmates of reformatories, jails, etc. The population for apprentices was further restricted to employed persons aged 15 to 34.

Definitions

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

5. 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.

6. 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.

7. 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.

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

9. *Leavers* from educational institutions are persons who were full-time students at some time in the previous year but were not full-time students at the time of the survey.

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

11. The *field of trade* is derived from information provided by apprentices on their occupation.

12. Unless otherwise stated, all characteristics referenced in this publication are as at the survey week.

Results of the survey

13. 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 May issue of *The Labour Force, Australia* (6203.0).

14. 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.

15. Additional tables available but not included in this publication are listed on page 18. A preliminary publication (6241.0) containing a summary of the results of the survey was issued on 22 September 1986.

16. 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.

17. It is proposed that this survey will next be conducted in May 1987.

Discontinuities in the series

18. 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 therefore be exercised in comparing estimates from this survey for persons aged 15 to 24 with those from previous surveys which relate to persons aged 15 to 25.

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

20. Estimates contained in this publication 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). Although estimates for previous years have not been revised in this publication, the May issue of *The Labour Force, Australia* (6203.0) contains revised estimates back to April 1985.

Reliability of the estimates

21. Estimates in this publication are subject to two sources of error:

- (a) *sampling error*: since the estimates are based on information obtained from occupants of a sample of dwellings, they may differ from the figures that would have been produced if all dwellings had been included in the survey. More information on this topic is given in the Technical Note.
- (b) *non-sampling error*: inaccuracies may occur because of imperfections in reporting by interviewers and respondents, and errors made in the coding and processing of data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

Related publications

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

The Labour Force, Australia (6203.0)—issued monthly (\$1.20, \$2.10 incl. postage)

Labour Force Status and Educational Attainment, Australia, February 1986 (6235.0)—issued annually

Labour Force Experience, Australia, During the Year Ending February 1986 (6206.0)—issued annually

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

Job Search Experience of Unemployed Persons, Australia, June 1986, (6222.0)—issued annually

23. 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 paragraph 21 above.
- n.e.c. not elsewhere classified
- CAE College of Advanced Education
- TAFE College of Technical and Further Education
- r revised

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

Electronic services

25. VIATEL. Key *656# for selected current economic, social and demographic statistics.

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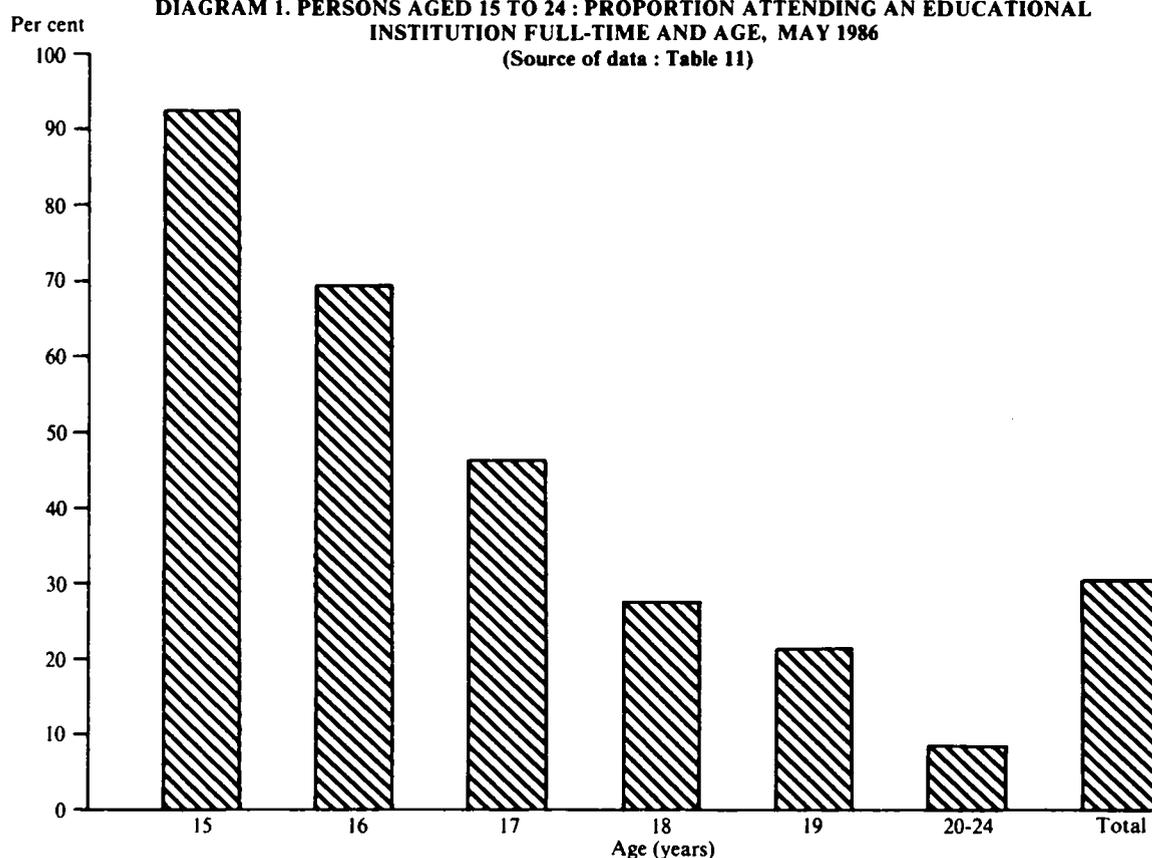
SUMMARY OF FINDINGS

An estimated 19.1 per cent (1,995,900 persons) of the civilian population aged 15 to 64 at May 1986 attended an educational institution in 1985. Of these persons 58.3 per cent attended full-time while 41.7 per cent attended part-time.

Most persons who were attending universities (57.5 per cent), colleges of advanced education (66.5 per cent) and TAFE/technical colleges (75.2 per cent) at May 1986 were employed. While the equivalent proportion for those people attending schools was substantially lower, it nevertheless stood at a relatively high 25.8 per cent. 90.3 per cent of employed persons attending school were working part-time, compared with only 26.5 per cent of employed persons attending tertiary institutions.

Attendance at educational institutions has tended to increase over the last 4 years, and has been significantly outpacing population growth. Part-time attendance across all age groups has increased by 20.4 per cent in that time, the most significant growth being observed in the 25 to 64 age group (a growth of 35.2 per cent). Full-time attendance has risen by 18.0 per cent over the same period.

DIAGRAM 1. PERSONS AGED 15 TO 24 : PROPORTION ATTENDING AN EDUCATIONAL INSTITUTION FULL-TIME AND AGE, MAY 1986
(Source of data : Table 11)

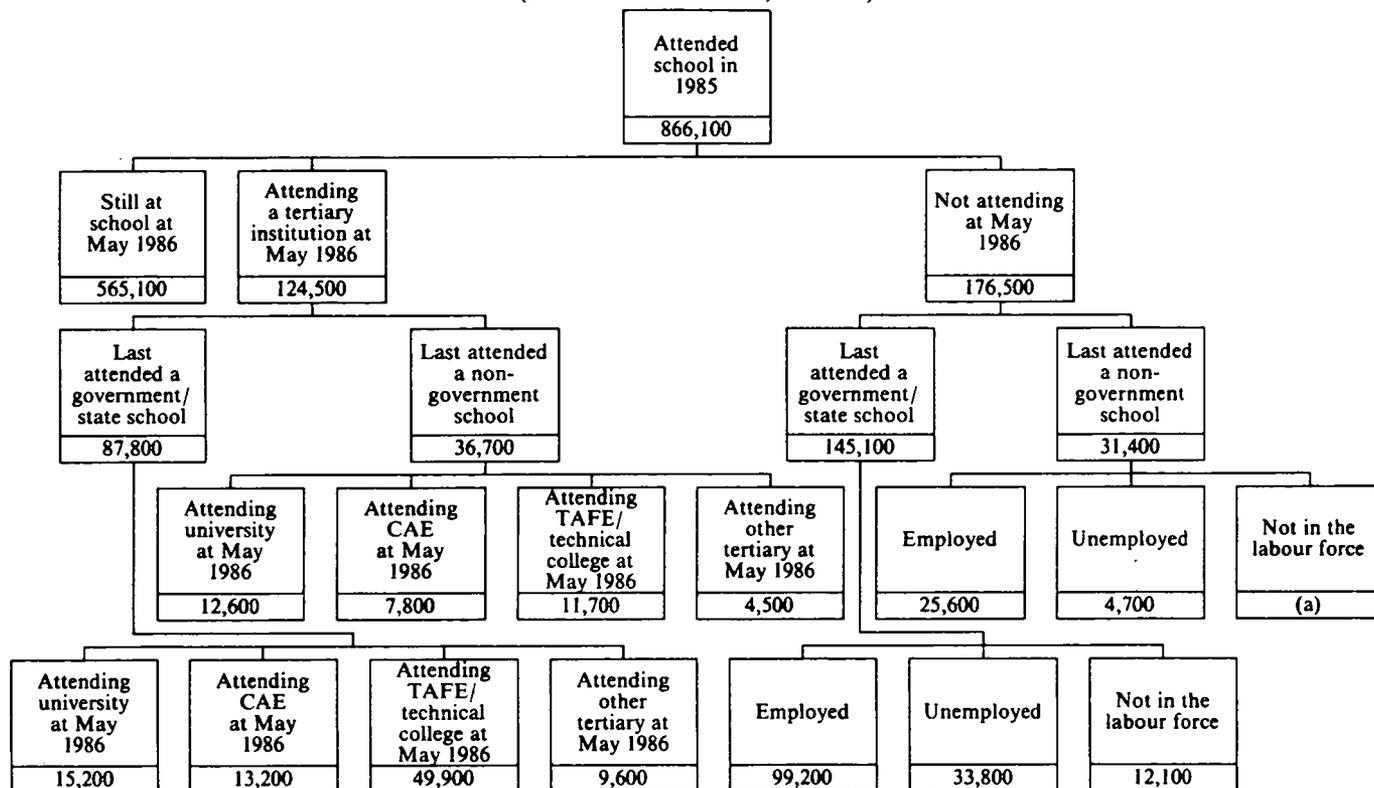


A total of 1,054,400 persons aged 15 to 24 were attending an educational institution at May 1986. 812,400 were attending full-time while 242,000 were attending part-time (representing 30.9 per cent and 9.2 per cent of the civilian population in that age range respectively). The highest proportion of full-time attendance was in the 15 year age group (92.2 per cent) which steadily decreased to the 20 to 24 age group (8.3 per cent). Among 15 to 17 year olds who were attending full-time, school constituted the major educational institution attended (99.0, 93.6 and 79.4 per cent respectively). CAE and TAFE/technical colleges accounted for 44.8 per cent of full-time students aged 18 to 19, while the major educational institution attended by the 20 to 24 age group was university (47.4 per cent).

Of the 866,100 persons aged 15 to 24 who attended school in 1985, 34.8 per cent (301,000) were no longer attending school at May 1986. For those no longer attending it was established that 77.4 per cent (232,900) had last attended a government/state school, while 22.6 per cent (68,100) had left a non-government school. The proportion of unemployed persons was larger among the first group (22.1 per cent) than among the second (15.1 per cent).

The majority of people aged 15 to 24 who attended school in 1985 were still attending school at May 1986 (65.2 per cent) and 14.4 per cent (124,500) were attending a tertiary institution at May 1986. Of those who had progressed to a tertiary institution 29.5 per cent had last attended a non-government school and 70.5 per cent had last attended a government/state school. While 53.9 per cent of persons who attended a non-government school in 1985 went on to a tertiary institution, only 37.7 per cent of persons who attended a government/state school did so. There are also differences between these two groups in terms of the type of tertiary institution they were attending at May 1986. While 34.3 per cent of people who had last attended a non-government school and were attending tertiary at May 1986 had proceeded to university and 31.8 per cent to TAFE/technical colleges the equivalent proportions for people who had last attended government/state schools were 17.3 per cent and 56.8 per cent respectively.

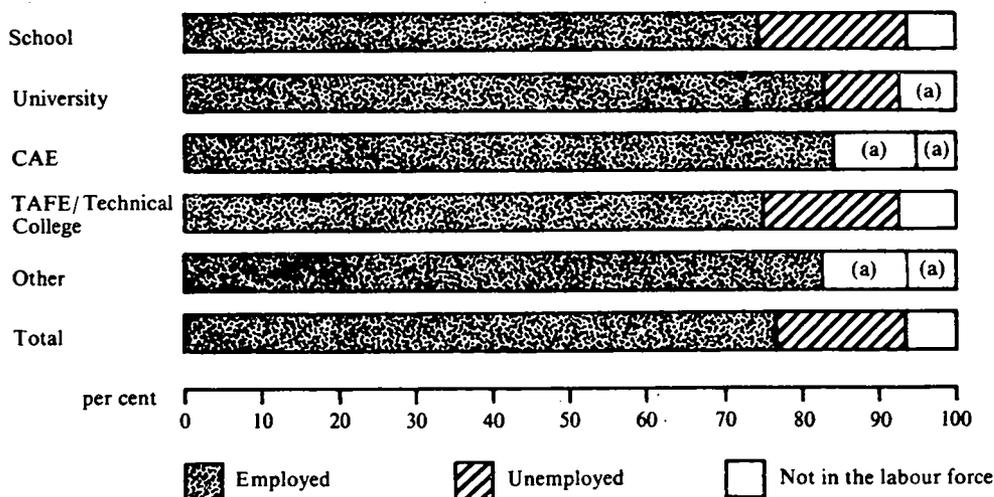
DIAGRAM 2. PERSONS AGED 15 TO 24 WHO ATTENDED SCHOOL IN 1985: WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF SCHOOL LAST ATTENDED, TYPE OF EDUCATIONAL INSTITUTION ATTENDING AND LABOUR FORCE STATUS, MAY 1986
(Source of data: Tables 10, 12 and 13)



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

Of those persons aged 15 to 64 who attended an educational institution full-time in 1985, 30.6 per cent were not continuing full-time study at May 1986. Of these, 76.7 per cent were employed, 16.8 per cent were unemployed and the remaining 6.5 per cent were not in the labour force. The unemployment rate was considerably higher amongst leavers from school (20.8 per cent) than leavers from tertiary institutions (13.9 per cent). The majority of employed leavers worked in full-time jobs (86.3 per cent).

DIAGRAM 3. LEAVERS AGED 15 TO 64: TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1985 AND LABOUR FORCE STATUS, MAY 1986
(Source of data: Table 17)



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

The wholesale and retail industry had the highest proportion of leavers aged 15 to 24 working in it (30.5 per cent; 75.5 per cent of these attended school in 1985) followed by the finance, property and business industry (17.4 per cent).

Occupations in which high proportions of employed leavers aged 15 to 24 were working are clerical (30.0 per cent) and trades and production-process workers etc. (29.6 per cent). Females constituted 73.4 per cent of the leavers with clerical occupations whilst males constituted 90.3 per cent of the leavers with trades and production-process workers etc. occupations.

At May 1986 there were an estimated 134,500 apprentices aged 15 to 34 (1.3 per cent of persons aged 15 to 64 or 2.0 per cent of employed persons aged 15 to 64). This estimate is down 9.0 per cent on the 1985 estimate and is the lowest observed since 1983. Females constituted 11.1 per cent (14,900) of the total estimate of apprentices at May 1986, with the majority being employed in the service field of trade.

Fields of trade in which relatively large numbers of apprentices worked were building, metal and mechanical and automotive. The decrease in the number of apprentices between 1983 and 1986 was most evident in the metal and electrical fields (a decrease of 39.4 per cent and 34.9 per cent respectively). On the other hand, at May 1986 there were 13,600 apprentices in the food and drink field, as compared with 10,800 in 1985.

The majority of apprentices were aged 17 to 19 (60.2 per cent) and were employed in the non-government sector (86.8 per cent). Approximately one third of apprentices were in their first year of apprenticeship whilst 28.3 per cent were in their second year.

The manufacturing (24.0 per cent), wholesale and retail trade (23.5 per cent), construction (18.3 per cent) and recreational, personal and other service industries (15.8 per cent) employed the most number of apprentices. 35.9 per cent of apprentices in the manufacturing industry were employed in the metal field of trade whilst 54.7 per cent of apprentices in the household and retail trade industry were employed in the mechanical, automotive field of trade.

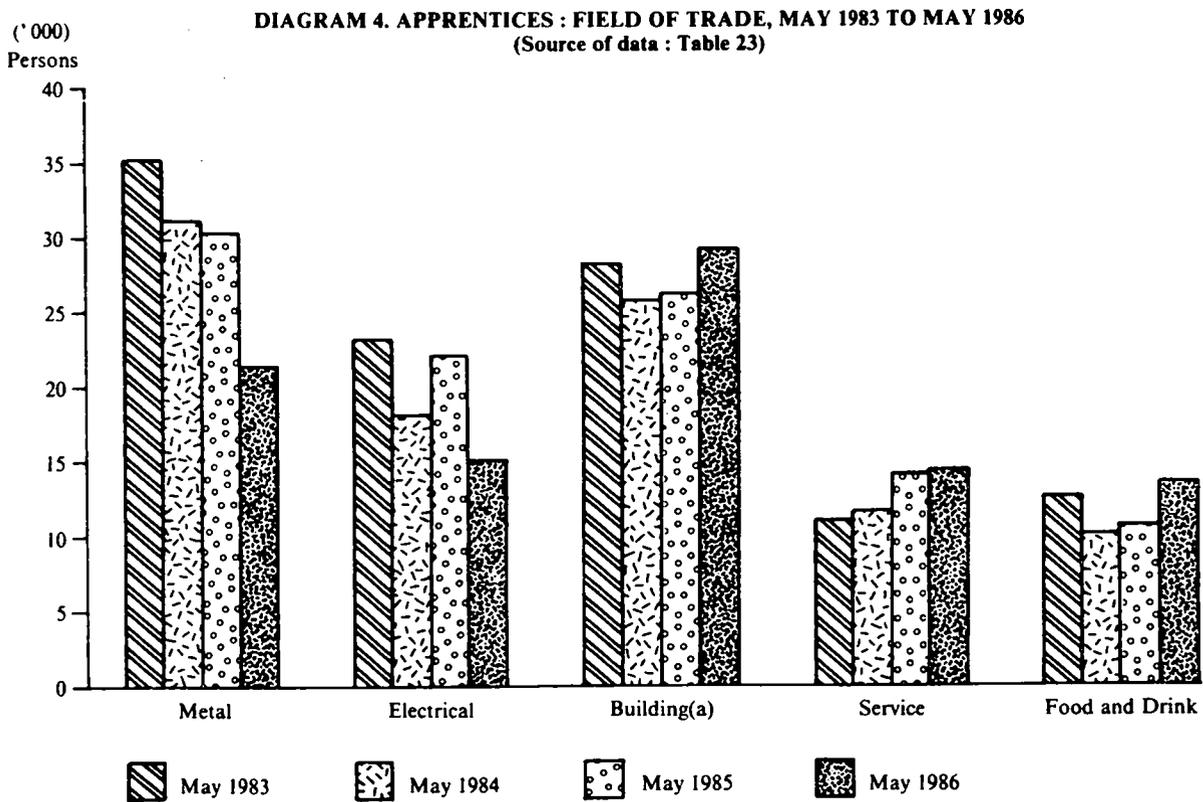


TABLE 1. PERSONS AGED 15 TO 64: WHETHER ATTENDED AN EDUCATIONAL INSTITUTION AND TYPE OF ATTENDANCE IN PREVIOUS YEAR, WHETHER CONTINUING FULL-TIME EDUCATION, LABOUR FORCE STATUS AND AGE, MAY 1981(a) TO MAY 1986 ('000)

	1981(a)	1982	1983	1984	1985	1986
AGED 15 TO 24						
Attended an educational institution in previous year	1,214.4	1,179.5	1,193.9	1,257.3	1,304.6	1,328.3
Attended full-time in previous year	930.8	926.8	941.0	1,003.7	1,047.1	1,088.6
Continuing full-time education at May	642.7	635.0	671.9	716.8	743.2	778.3
Leavers	288.2	291.8	269.2	286.9	304.0	310.3
Employed	230.8	221.7	184.6	208.5	230.9	237.0
Full-time	208.1	195.5	152.8	179.6	200.7	206.2
Part-time	22.7	26.2	31.8	28.9	30.2	30.9
Unemployed	42.2	51.3	67.0	62.5	58.5	55.7
Not in the labour force	15.2	18.9	17.6	15.8	14.5	17.6
Attended part-time in previous year	283.6	252.7	252.9	253.6	257.5	239.6
Attending an educational institution at May	154.7	144.1	142.7	139.4	133.8	123.4
Full-time	7.1	6.6	8.3	7.3	6.6	10.0
Part-time	147.6	137.4	134.4	132.1	127.1	113.4
Not attending an educational institution at May	128.9	108.6	110.2	114.2	123.7	116.2
Did not attend an educational institution in previous year	1,545.5	1,371.0	1,384.5	1,340.5	1,289.1	1,302.8
Total	2,759.9	2,550.5	2,578.4	2,597.7	2,593.7	2,631.1
AGED 25 TO 64						
Attended an educational institution in previous year	453.4	497.4	536.8	570.8	592.6	667.7
Attended full-time in previous year	51.7	58.8	61.8	65.7	67.8	74.7
Continuing full-time education at May	22.2	23.3	22.7	24.6	26.5	28.7
Leavers	29.5	35.5	39.1	41.1	41.4	46.0
Employed	25.9	25.6	28.8	28.6	33.2	36.2
Full-time	22.6	22.1	24.2	23.6	27.4	29.7
Part-time	*	3.5	4.6	5.1	5.8	6.5
Unemployed	*	4.0	4.2	5.3	*	4.3
Not in the labour force	*	5.8	6.2	7.2	4.0	5.5
Attended part-time in previous year	401.7	438.6	475.0	505.1	524.8	593.0
Attending an educational institution at May	171.9	193.4	210.9	220.5	220.7	244.1
Full-time	*	6.9	3.9	6.9	9.2	7.8
Part-time	168.5	186.5	207.0	213.6	211.5	236.2
Not attending an educational institution at May	229.8	245.3	264.2	284.5	304.0	348.9
Did not attend an educational institution in previous year	6,318.8	6,661.1	6,812.2	6,943.2	7,051.6	7,128.3
Total	6,772.2	7,158.5	7,349.0	7,514.0	7,644.2	7,796.0
TOTAL						
Attended an educational institution in previous year	1,667.8	1,676.9	1,730.7	1,828.1	1,897.1	1,995.9
Attended full-time in previous year	982.6	985.6	1,002.8	1,069.4	1,114.9	1,163.3
Continuing full-time education at May	664.9	658.3	694.5	741.3	769.6	807.0
Leavers	317.7	327.3	308.3	328.1	345.3	356.3
Employed	256.7	247.3	213.4	237.2	264.1	273.3
Full-time	230.7	217.6	176.9	203.2	228.1	235.9
Part-time	26.0	29.8	36.3	34.0	36.0	37.4
Unemployed	43.7	55.3	71.3	67.9	62.5	60.0
Not in the labour force	17.3	24.7	23.8	23.1	18.6	23.1
Attended part-time in previous year	685.2	691.3	727.9	758.7	782.2	832.6
Attending an educational institution at May	326.6	337.4	353.6	359.9	354.4	367.5
Full-time	10.5	13.5	12.2	14.2	15.8	17.8
Part-time	316.1	323.9	341.4	345.7	338.6	349.7
Not attending an educational institution at May	358.7	353.9	374.3	398.8	427.8	465.1
Did not attend an educational institution in previous year	7,864.3	8,032.1	8,196.7	8,283.6	8,340.7	8,431.1
Total	9,532.1	9,709.0	9,927.4	10,111.7	10,237.9	10,427.0

(a) Estimates for 1981 are for the age groups 15 to 25 and 26 to 64.

TABLE 2. PERSONS AGED 15 TO 24: WHETHER ATTENDED AN EDUCATIONAL INSTITUTION FULL-TIME IN PREVIOUS YEAR AND WHETHER CONTINUING FULL-TIME EDUCATION, MAY 1981(a) TO MAY 1986

	Attended an educational institution full-time in the previous year			Total	Did not attend an educational institution full-time in the previous year	Total
	Leavers	Continuing full-time education				
		Number	Proportion of total			
	— '000—	(per cent)			— '000—	
1981(a)	288.2	642.7	69.0	930.8	1,829.1	2,759.9
1982	291.9	635.0	68.5	926.8	1,623.7	2,550.5
1983	269.2	671.9	71.4	941.0	1,637.4	2,578.4
1984	286.9	716.8	71.4	1,003.7	1,594.1	2,597.7
1985	304.0	743.2	71.0	1,047.1	1,546.6	2,593.7
1986	310.3	778.3	71.5	1,088.6	1,542.4	2,631.1

(a) Estimates for 1981 are for persons aged 15 to 25.

**TABLE 3. PERSONS AGED 15 TO 17: WHETHER ATTENDING SCHOOL,
MAY 1983 TO MAY 1986**

	1983	1984	1985	1986
MALES				
Attending school	236.4	250.9	266.4	275.7
Not attending school	148.3	150.9	148.9	149.8
<i>Total</i>	<i>384.8</i>	<i>401.8</i>	<i>415.3</i>	<i>425.5</i>
Proportion attending school	61.4	62.4	64.1	64.8
FEMALES				
Attending school	225.4	243.2	260.8	266.4
Not attending school	137.7	132.2	129.6	140.3
<i>Total</i>	<i>363.1</i>	<i>375.4</i>	<i>390.4</i>	<i>406.7</i>
Proportion attending school	62.1	64.8	66.8	65.5
PERSONS				
Attending school	461.8	494.1	527.2	542.1
Not attending school	286.1	283.0	278.5	290.1
<i>Total</i>	<i>747.9</i>	<i>777.2</i>	<i>805.7</i>	<i>832.2</i>
Proportion attending school	61.7	63.6	65.4	65.1

**TABLE 4. LEAVERS AGED 15 TO 64: TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN PREVIOUS YEAR
AND LABOUR FORCE STATUS, MAY 1981 TO MAY 1986**

	1981	1982	1983	1984	1985	1986
—'000—						
Attended school full-time	185.9	187.2	174.4	188.1	199.1	212.2
Labour force status—						
In the labour force	176.3	174.7	162.1	176.7	190.2	198.8
Employed	144.9	140.0	116.5	133.3	152.2	157.4
Unemployed	31.4	34.7	45.5	43.4	38.0	41.4
Not in the labour force	9.6	12.5	12.4	11.4	8.9	13.4
—per cent—						
Unemployment rate	17.8	19.8	28.1	24.6	20.0	20.8
Participation rate	94.8	93.3	92.9	94.0	95.5	93.7
—'000—						
Attended tertiary full-time	131.8	140.2	133.9	140.0	146.1	144.2
Labour force status—						
In the labour force	124.1	128.0	122.5	128.3	136.5	134.5
Employed	111.7	107.3	96.8	103.9	111.9	115.8
Unemployed	12.4	20.6	25.7	24.4	24.5	18.7
Not in the labour force	7.6	12.2	11.4	11.7	9.7	9.7
—per cent—						
Unemployment rate	10.0	16.1	21.0	19.0	18.0	13.9
Participation rate	94.2	91.3	91.5	91.7	93.4	93.3
—'000—						
Total	317.7	327.3	308.3	328.1	345.3	356.3

**TABLE 5. LEAVERS AGED 15 TO 64: TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN
PREVIOUS YEAR AND WHETHER ATTENDING AN EDUCATIONAL INSTITUTION,
MAY 1981 TO MAY 1986
('000)**

	1981	1982	1983	1984	1985	1986
Attended school full-time	185.9	187.2	174.4	188.1	199.1	212.2
Attending part-time	41.9	38.9	29.4	34.4	44.1	41.5
Not attending	144.0	148.3	145.0	153.7	155.1	170.7
Attended tertiary full-time	131.8	140.2	133.9	140.0	146.1	144.2
Attending part-time	28.8	27.0	27.5	32.2	30.7	32.7
Not attending	102.9	113.2	106.3	107.8	115.4	111.5
Total	317.7	327.3	308.3	328.1	345.3	356.3

TABLE 6. PERSONS AGED 15 TO 64: WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF EDUCATIONAL INSTITUTION ATTENDING, TYPE OF ATTENDANCE, LABOUR FORCE STATUS AND AGE, MAY 1986

		Employed			Unem- ployed	In the labour force	Not in the labour force	Total	Unem- ployment rate	Partici- pation rate
		Full-time	Part-time	Total						
		—'000—					—per cent—			
AGED 15 TO 19										
Attending—										
School	Part-time	*	*	*	*	*	*	*	*	*
	Total	8.3	132.9	141.2	36.2	177.4	386.4	563.8	20.4	31.5
University	Part-time	*	*	*	*	*	*	3.7	*	*
	Total	*	18.2	21.5	*	24.5	25.4	49.9	*	49.0
CAE	Part-time	6.5	*	7.4	*	7.5	*	7.7	*	96.9
	Total	6.9	17.9	24.8	*	27.6	17.2	44.9	*	61.6
TAFE/technical college										
	Part-time	74.6	6.1	80.7	6.2	86.9	*	88.1	7.1	98.6
	Total	80.7	15.9	96.6	10.0	106.6	25.6	132.3	9.4	80.6
Other	Part-time	7.3	*	8.9	*	10.4	*	10.8	*	96.0
	Total	8.7	6.2	14.8	3.6	18.5	8.1	26.6	19.6	69.4
Total	Part-time	92.7	9.5	102.2	8.2	110.4	*	112.6	7.4	98.0
	Total	107.9	191.1	299.0	55.7	354.7	462.8	817.5	15.7	43.4
Not attending		331.8	40.7	372.6	100.4	473.0	39.4	512.4	21.2	92.3
Total		439.8	231.8	671.6	156.1	827.7	502.2	1,329.8	18.9	62.2
AGED 20 TO 24										
Attending—										
School	Part-time	*	*	*	*	*	*	*	*	*
	Total	*	*	*	*	*	*	5.5	*	*
University	Part-time	9.1	*	11.1	*	11.4	*	11.9	*	96.3
	Total	10.9	19.1	30.0	*	32.3	30.6	62.9	*	51.4
CAE	Part-time	16.0	*	17.7	*	18.9	*	19.3	*	98.4
	Total	18.4	12.2	30.6	*	33.7	18.3	51.9	*	64.8
TAFE/technical college										
	Part-time	63.5	4.5	67.9	4.4	72.3	*	75.1	6.1	96.4
	Total	66.9	7.2	74.1	5.2	79.3	9.7	89.0	6.5	89.1
Other	Part-time	15.0	*	17.4	*	18.7	*	20.0	*	93.7
	Total	16.0	*	19.1	*	21.0	6.6	27.6	*	76.0
Total	Part-time	105.9	10.9	116.8	7.5	124.3	5.1	129.4	6.0	96.1
	Total	114.5	42.0	156.5	12.8	169.3	67.6	236.9	7.6	71.5
Not attending		737.7	75.6	813.3	100.4	913.7	150.6	1,064.3	11.0	85.9
Total		852.2	117.6	969.8	113.2	1,083.0	218.2	1,301.2	10.5	83.2
AGED 25 TO 64										
Attending—										
School	Part-time	3.9	*	5.5	*	6.0	*	8.7	*	68.2
	Total	3.9	*	5.5	*	6.0	*	9.2	*	64.8
University	Part-time	46.9	10.9	57.8	*	59.4	8.3	67.7	*	87.8
	Total	48.8	14.2	63.0	*	65.4	20.9	86.2	*	75.8
CAE	Part-time	50.9	10.7	61.6	*	63.8	6.7	70.4	*	90.6
	Total	52.2	12.5	64.7	*	67.7	16.4	84.0	*	80.5
TAFE/technical college										
	Part-time	119.9	30.4	150.2	9.6	159.8	40.8	200.6	6.0	79.7
	Total	121.0	31.3	152.4	10.3	162.6	46.1	208.7	6.3	77.9
Other	Part-time	40.2	12.4	52.6	4.8	57.4	15.3	72.7	8.3	79.0
	Total	42.8	14.1	56.9	5.2	62.1	20.6	82.7	8.3	75.1
Total	Part-time	261.8	66.0	327.8	18.6	346.4	73.8	420.2	5.4	82.4
	Total	268.7	73.8	342.5	21.2	363.7	107.2	470.9	5.8	77.2
Not attending		4,006.2	872.3	4,878.4	299.8	5,178.3	2,146.9	7,325.1	5.8	70.7
Total		4,274.9	946.1	5,220.9	321.0	5,542.0	2,254.0	7,796.0	5.8	71.1
TOTAL										
Attending—										
School	Part-time	8.0	*	10.2	*	11.1	*	14.2	*	78.2
	Total	14.5	134.9	149.4	37.0	186.4	392.1	578.6	19.9	32.2
University	Part-time	58.5	13.7	72.2	*	74.2	9.0	83.3	*	89.1
	Total	63.0	51.5	114.5	7.6	122.1	76.9	199.0	6.2	61.4
CAE	Part-time	73.5	13.2	86.7	3.5	90.2	7.2	97.4	3.9	92.6
	Total	77.5	42.7	120.2	8.8	129.0	51.8	180.8	6.8	71.3
TAFE/technical college										
	Part-time	257.9	40.9	298.9	20.2	319.0	44.8	363.8	6.3	87.7
	Total	268.7	54.5	323.1	25.5	348.6	81.4	429.9	7.3	81.1
Other	Part-time	62.5	16.4	78.9	7.6	86.5	17.0	103.5	8.8	83.6
	Total	67.4	23.4	90.8	10.7	101.5	35.4	136.9	10.5	74.2
Total	Part-time	460.4	86.4	546.8	34.2	581.1	81.1	662.2	5.9	87.8
	Total	491.1	306.9	798.0	89.6	887.6	637.6	1,525.2	10.1	58.2
Not attending		5,075.7	988.6	6,064.3	500.7	6,565.0	2,336.8	8,901.8	7.6	73.8
Total		5,566.8	1,295.5	6,862.3	590.3	7,452.6	2,974.4	10,427.0	7.9	71.5

TABLE 7. PERSONS AGED 15 TO 64: WHETHER ATTENDED AN EDUCATIONAL INSTITUTION AND TYPE OF ATTENDANCE IN 1985, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF ATTENDANCE, LABOUR FORCE STATUS AND AGE, MAY 1986

In 1985	At May 1986	Employed			Unem- ployed	In the labour force	Not in the labour force	Total	Unem- ployment rate	Partici- pation rate
		Full-time	Part-time	Total						
— '000—										
— per cent—										
AGED 15 TO 19										
Full-time	Full-time	11.9	179.4	191.3	46.7	238.0	453.6	691.6	19.6	34.4
	Part-time	40.2	5.1	45.3	4.3	49.6	*	50.9	8.6	97.4
	Not attending	125.7	16.3	142.0	43.5	185.5	13.1	198.6	23.4	93.4
	Total	177.8	200.8	378.6	94.5	473.1	468.0	941.1	20.0	50.3
Part-time	Full-time	*	*	*	*	*	*	*	*	*
	Part-time	39.1	*	42.5	*	44.3	*	44.7	*	99.0
	Not attending	23.5	*	26.2	4.5	30.6	*	32.1	14.6	95.5
	Total	64.4	6.2	70.6	6.2	76.8	*	79.8	8.1	96.2
Did not attend	Full-time	*	*	3.6	*	4.3	5.9	10.3	*	42.4
	Part-time	13.4	*	14.4	*	16.5	*	17.0	*	97.5
	Not attending	182.7	21.7	204.4	52.5	256.9	24.8	281.7	20.4	91.2
	Total	197.6	24.8	222.4	55.4	277.8	31.2	308.9	20.0	89.9
Total	Full-time	15.2	181.6	196.8	47.5	244.3	460.6	704.9	19.5	34.7
	Part-time	92.7	9.5	102.2	8.2	110.4	*	112.6	7.4	98.0
	Not attending	331.8	40.7	372.6	100.4	473.0	39.4	512.4	21.2	92.3
	Total	439.8	231.8	671.6	156.1	827.7	502.2	1,329.8	18.9	62.2
AGED 20 TO 24										
Full-time	Full-time	5.0	28.1	33.0	4.3	37.3	49.3	86.7	11.6	43.1
	Part-time	8.9	3.5	12.4	*	13.2	*	14.1	*	93.6
	Not attending	31.4	5.9	37.4	7.2	44.5	*	46.8	16.1	95.1
	Total	45.3	37.5	82.8	12.3	95.1	52.5	147.6	12.9	64.4
Part-time	Full-time	*	*	*	*	*	3.6	7.0	*	*
	Part-time	60.2	4.2	64.4	*	67.2	*	68.7	*	97.8
	Not attending	69.1	4.7	73.8	5.0	78.9	5.3	84.1	6.4	93.7
	Total	131.2	10.2	141.5	8.0	149.5	10.3	159.8	5.4	93.5
Did not attend	Full-time	*	*	*	*	4.2	9.7	13.8	*	30.2
	Part-time	36.8	*	40.0	3.9	43.9	*	46.6	8.9	94.3
	Not attending	637.2	65.0	702.1	88.2	790.3	143.0	933.4	11.2	84.7
	Total	675.7	69.9	745.6	92.9	838.5	155.4	993.8	11.1	84.4
Total	Full-time	8.6	31.1	39.7	5.3	44.9	62.6	107.5	11.7	41.8
	Part-time	105.9	10.9	116.8	7.5	124.3	5.1	129.4	6.0	96.1
	Not attending	737.7	75.6	813.3	100.4	913.7	150.6	1,064.3	11.0	85.9
	Total	852.2	117.6	969.8	113.2	1,083.0	218.2	1,301.2	10.5	83.2
AGED 25 TO 64										
Full-time	Full-time	*	4.8	7.5	*	9.3	19.4	28.7	*	32.3
	Part-time	4.5	*	6.7	*	7.7	*	9.2	*	84.0
	Not attending	25.2	4.3	29.6	*	32.8	4.0	36.8	*	89.1
	Total	32.4	11.3	43.7	6.1	49.8	24.9	74.7	12.3	66.7
Part-time	Full-time	*	*	*	*	3.5	4.4	7.8	*	44.5
	Part-time	154.7	35.5	190.3	8.0	198.3	38.0	236.2	4.0	83.9
	Not attending	215.1	56.4	271.5	16.6	288.0	60.8	348.9	5.8	82.6
	Total	371.8	93.3	465.1	24.7	489.8	103.2	593.0	5.0	82.6
Did not attend	Full-time	*	*	3.9	*	4.6	9.5	14.1	*	32.5
	Part-time	102.5	28.4	130.9	9.5	140.4	34.4	174.8	6.8	80.3
	Not attending	3,765.9	811.5	4,577.4	280.0	4,857.4	2,082.0	6,939.4	5.8	70.0
	Total	3,870.7	841.4	4,712.1	290.2	5,002.4	2,125.9	7,128.3	5.8	70.2
Total	Full-time	7.0	7.8	14.7	*	17.3	33.3	50.7	*	34.2
	Part-time	261.8	66.0	327.8	18.6	346.4	73.8	420.2	5.4	82.4
	Not attending	4,006.2	872.3	4,878.4	299.8	5,178.3	2,146.9	7,325.1	5.8	70.7
	Total	4,274.9	946.1	5,220.9	321.0	5,542.0	2,254.0	7,796.0	5.8	71.1
TOTAL										
Full-time	Full-time	19.5	212.3	231.8	52.8	284.6	522.3	807.0	18.6	35.3
	Part-time	53.6	10.7	64.3	6.1	70.4	3.7	74.1	8.6	95.0
	Not attending	182.3	26.6	208.9	53.9	262.9	19.4	282.2	20.5	93.1
	Total	255.4	249.7	505.1	112.9	617.9	545.4	1,163.3	18.3	53.1
Part-time	Full-time	5.7	*	8.5	*	8.8	9.1	17.8	*	49.3
	Part-time	254.1	43.1	297.2	12.6	309.8	39.9	349.7	4.1	88.6
	Not attending	307.7	63.8	371.5	26.1	397.5	67.5	465.1	6.6	85.5
	Total	567.5	109.7	677.2	38.9	716.1	116.5	832.6	5.4	86.0
Did not attend	Full-time	5.5	5.4	10.9	*	13.1	25.1	38.2	*	34.3
	Part-time	152.7	32.6	185.3	15.6	200.9	37.5	238.4	7.8	84.3
	Not attending	4,585.7	898.2	5,483.9	420.7	5,904.6	2,249.9	8,154.5	7.1	72.4
	Total	4,744.0	936.1	5,680.1	438.5	6,118.6	2,312.5	8,431.1	7.2	72.6
Total	Full-time	30.7	220.4	251.2	55.4	306.6	556.5	863.1	18.1	35.5
	Part-time	460.4	86.4	546.8	34.2	581.1	81.1	662.2	5.9	87.8
	Not attending	5,075.7	988.6	6,064.3	500.7	6,565.0	2,336.8	8,901.8	7.6	73.8
	Total	5,566.8	1,295.5	6,862.3	590.3	7,452.6	2,974.4	10,427.0	7.9	71.5

TABLE 8. PERSONS AGED 15 TO 64 WHO ATTENDED SCHOOL IN 1985: TYPE OF ATTENDANCE AT SCHOOL IN 1985, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF EDUCATIONAL INSTITUTION ATTENDING, TYPE OF ATTENDANCE AND LABOUR FORCE STATUS, MAY 1986

Type of attendance at school in 1985	Type of educational institution attending	Type of attendance	Employed			Unemployed	In the labour force	Not in the labour force	Total	Unemployment rate (per cent)
			Full-time	Part-time	Total					
Full-time	Attending School	Full-time	42.5	163.4	205.9	47.0	252.9	435.5	688.4	18.6
		Part-time	6.4	132.5	138.9	36.1	175.0	388.2	563.2	20.6
		Total	7.2	132.6	139.8	36.2	176.0	388.3	564.3	20.6
	Tertiary	Full-time	*	27.8	29.9	7.5	37.4	46.3	83.7	20.0
		Part-time	33.1	*	36.1	*	39.5	*	40.4	*
		Total	35.3	30.7	66.0	10.8	76.9	47.2	124.1	14.1
	Not attending		105.4	15.0	120.4	37.9	158.3	12.4	170.7	24.0
Total		147.9	178.4	326.2	84.9	411.2	448.0	859.1	20.7	
Part-time	Attending School		*	*	*	*	3.7	*	5.4	*
	Tertiary		*	*	*	*	*	*	3.7	*
	Not attending		9.6	3.8	13.4	*	14.0	3.7	17.8	*
	Total		12.5	4.3	16.8	*	17.8	5.4	23.2	*
Total	Attending School	Full-time	45.3	163.9	209.2	47.4	256.6	437.2	693.8	18.5
		Part-time	6.5	132.5	139.0	36.1	175.1	388.4	563.5	20.6
		Total	9.0	133.2	142.1	36.6	178.7	389.3	568.0	20.5
	Tertiary	Full-time	*	27.8	29.9	7.5	37.4	46.6	84.0	20.0
		Part-time	34.1	*	37.1	*	40.5	*	41.9	*
		Total	36.3	30.7	67.0	10.8	77.9	48.0	125.8	13.9
	Not attending		115.0	18.8	133.8	38.5	172.3	16.2	188.5	22.4
	Total		160.3	182.7	343.0	85.9	428.9	453.4	882.3	20.0

TABLE 9. PERSONS AGED 15 TO 64 WHO ATTENDED A TERTIARY INSTITUTION IN 1985: TYPE OF TERTIARY ATTENDANCE IN 1985, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF EDUCATIONAL INSTITUTION ATTENDING, TYPE OF ATTENDANCE AND LABOUR FORCE STATUS, MAY 1986

Type of tertiary attendance in 1985	Type of educational institution attending	Type of attendance	Employed			Unemployed	In the labour force	Not in the labour force	Total	Unemployment rate (per cent)
			Full-time	Part-time	Total					
Full-time	Attending(a) Tertiary	Full-time	30.6	59.6	90.3	11.9	102.2	90.5	192.7	11.7
		Part-time	11.0	52.0	63.0	9.3	72.3	87.7	159.9	12.9
		Total	19.3	7.6	26.9	*	29.6	*	32.3	*
	Not attending		76.9	11.6	88.5	16.0	104.6	6.9	111.5	15.3
	Total		107.6	71.3	178.8	27.9	206.8	97.4	304.2	13.5
Part-time	Attending(a) Tertiary	Full-time	257.0	45.4	302.4	12.5	314.8	47.3	362.1	4.0
		Part-time	5.6	*	8.4	*	8.7	8.7	17.3	*
		Total	250.4	42.3	292.7	12.2	304.9	38.4	343.3	4.0
	Not attending		256.0	45.0	301.1	12.5	313.5	47.1	360.6	4.0
	Total		298.0	60.0	358.1	25.5	383.5	63.8	447.3	6.6
Total		555.0	105.4	660.4	37.9	698.3	111.1	809.4	5.4	
Total	Attending(a) Tertiary	Full-time	287.6	105.0	392.6	24.4	417.0	137.7	554.8	5.9
		Part-time	16.6	54.8	71.4	9.6	80.9	96.3	177.3	11.8
		Total	269.8	49.9	319.6	14.8	334.5	41.1	375.6	4.4
	Not attending		286.3	104.7	391.0	24.4	415.4	137.4	552.8	5.9
	Total		375.0	71.6	446.6	41.5	488.1	70.8	558.8	8.5
Total		662.6	176.7	839.2	65.8	905.1	208.5	1,113.6	7.3	

(a) Includes a small number of persons who were attending school at May 1986.

TABLE 10. PERSONS AGED 15 TO 24: WHETHER ATTENDED AN EDUCATIONAL INSTITUTION AND TYPE OF EDUCATIONAL INSTITUTION ATTENDED IN 1985, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION AND TYPE OF EDUCATIONAL INSTITUTION ATTENDING, MAY 1986 ('000)

In 1985	Type of educational institution attending					Total attending	Total	
	School	University	CAE	TAFE/technical college	Other			
Attended								
School	566.0	105.3	87.7	171.3	36.4	966.7	361.6	1,328.3
University	565.1	27.7	21.0	61.6	14.1	689.6	176.5	866.1
CAE	*	75.0	*	*	*	80.2	22.2	102.4
TAFE/technical college	*	*	59.2	*	*	62.5	23.2	85.6
Other	*	*	3.7	103.1	*	110.6	111.5	222.2
Did not attend	*	7.5	9.1	50.0	18.0	23.9	28.2	52.0
Total	569.4	112.8	96.8	221.3	54.2	1,054.4	1,576.7	2,631.1

TABLE 11. PERSONS AGED 15 TO 24 : AGE, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF ATTENDANCE AND TYPE OF EDUCATIONAL INSTITUTION ATTENDING, MAY 1986

Age	Attending full-time					Total	Attending part-time	Not attending	Total	Proportion attending full-time (per cent)
	School	University	CAE	TAFE/technical college	Other — '000—					
MALES										
15-19	285.8	23.9	16.9	21.4	4.2	352.2	76.5	247.9	676.7	52.1
15	132.5	*	*	*	*	133.6	*	10.5	145.5	91.8
16	93.1	*	*	4.5	*	97.9	11.4	34.1	143.5	68.2
17	49.5	4.5	*	4.7	*	61.1	16.8	58.5	136.5	44.8
18	7.6	9.7	8.7	6.6	*	34.0	26.9	71.3	132.3	25.7
19	*	9.4	6.7	4.4	*	25.5	19.9	73.5	118.9	21.4
20-24	*	27.8	17.9	9.4	*	59.6	81.4	511.3	652.3	9.1
20	*	8.3	4.7	3.7	*	18.5	24.1	82.8	125.3	14.8
21	*	6.1	7.6	*	*	15.1	16.3	98.2	129.6	11.7
22	*	7.5	3.7	*	*	12.9	13.3	104.9	131.0	9.8
23	*	3.9	*	*	*	8.8	14.1	114.4	137.3	6.4
24	*	*	*	*	*	4.3	13.7	111.0	129.0	3.3
Total	287.4	51.6	34.8	30.7	7.2	411.8	158.0	759.2	1,328.9	31.0
FEMALES										
15-19	275.8	22.3	20.2	22.8	11.6	352.7	36.1	264.4	653.2	54.0
15	133.0	*	*	*	*	134.5	*	9.8	145.2	92.6
16	84.4	*	*	5.2	*	91.7	4.0	34.2	129.8	70.6
17	49.0	*	*	5.0	*	63.0	7.7	61.1	131.7	47.8
18	7.6	10.2	9.3	7.3	3.8	38.2	10.9	79.6	128.7	29.7
19	*	8.9	7.4	4.7	*	25.3	12.7	79.8	117.7	21.5
20-24	*	23.2	14.8	4.6	4.7	47.9	48.0	553.0	648.9	7.4
20	*	8.5	6.5	*	*	19.5	8.7	88.0	116.3	16.8
21	*	6.2	4.6	*	*	12.6	9.3	106.7	128.6	9.8
22	*	4.5	*	*	*	7.8	12.7	114.4	134.9	5.8
23	*	*	*	*	*	4.8	10.0	122.3	137.2	3.5
24	*	*	*	*	*	*	7.3	121.6	132.0	*
Total	276.5	45.5	35.0	27.4	16.3	400.6	84.0	817.5	1,302.1	30.8
PERSONS										
15-19	561.6	46.2	37.1	44.2	15.8	704.9	112.6	512.4	1,329.8	53.0
15	265.5	*	*	*	*	268.1	*	20.3	290.7	92.2
16	177.5	*	*	9.7	*	189.6	15.4	68.3	273.3	69.4
17	98.5	7.6	5.1	9.7	*	124.1	24.5	119.6	268.2	46.3
18	15.3	19.9	18.0	13.9	5.2	72.2	37.8	150.9	261.0	27.7
19	4.8	18.3	14.1	9.1	4.5	50.8	32.5	153.3	236.6	21.5
20-24	*	51.0	32.7	13.9	7.6	107.5	129.4	1,064.3	1,301.2	8.3
20	*	16.7	11.2	6.0	*	38.0	32.8	170.8	241.6	15.7
21	*	12.2	12.2	*	*	27.8	25.5	204.9	258.2	10.8
22	*	12.0	5.0	*	*	20.7	25.9	219.3	265.9	7.8
23	*	6.7	*	*	*	13.6	24.1	236.7	274.5	5.0
24	*	*	*	*	*	7.4	21.0	232.6	261.0	2.8
Total	563.9	97.2	69.8	58.1	23.4	812.4	242.0	1,576.7	2,631.1	30.9

TABLE 12. PERSONS AGED 15 TO 24 WHO ATTENDED SCHOOL IN 1985 BUT WERE NOT ATTENDING SCHOOL AT MAY 1986 : WHETHER ATTENDING A TERTIARY INSTITUTION, TYPE OF ATTENDANCE, TYPE OF TERTIARY INSTITUTION ATTENDING AND TYPE OF SCHOOL LAST ATTENDED, MAY 1986 ('000)

	Government/ state	Roman Catholic	Other	Total
Attending—				
University—				
Full-time	14.6	5.3	6.8	26.7
Part-time	*	*	*	*
Total	15.2	5.8	6.8	27.7
CAE—				
Full-time	11.8	3.9	*	19.0
Part-time	*	*	*	*
Total	13.2	4.2	3.6	21.0
TAFE/technical college—				
Full-time	22.2	4.5	*	27.8
Part-time	27.7	5.0	*	33.9
Total	49.9	9.5	*	61.6
Other—				
Full-time	7.6	*	*	10.5
Part-time	*	*	*	3.7
Total	9.6	*	*	14.1
Total—				
Full-time	56.1	15.8	12.0	83.9
Part-time	31.7	7.0	*	40.6
Total	87.8	22.8	13.9	124.5
Not attending	145.1	22.0	9.4	176.5
Total	232.9	44.8	23.3	301.0

TABLE 13. PERSONS AGED 15 TO 24 WHO ATTENDED SCHOOL IN 1985 BUT WERE NOT ATTENDING SCHOOL AT MAY 1986: TYPE OF SCHOOL LAST ATTENDED, LABOUR FORCE STATUS, WHETHER ATTENDING A TERTIARY INSTITUTION AND TYPE OF ATTENDANCE, MAY 1986

Type of school last attended	Employed			Unem- ployed	In the labour force	Not in the labour force	Total	Unem- ployment rate	Partici- pation rate
	Full-time	Part-time	Total						
— '000—									
— per cent—									
ATTENDING TERTIARY FULL-TIME									
Males—									
Government/state	*	4.1	5.8	*	7.5	16.8	24.3	*	30.8
Non-government	*	6.0	6.3	*	7.7	6.1	13.8	*	56.1
Total	*	10.1	12.0	*	15.2	22.9	38.1	*	40.0
Females—									
Government/state	*	11.2	11.4	*	14.8	17.0	31.8	*	46.5
Non-government	*	6.5	6.5	*	7.4	6.6	14.0	*	52.8
Total	*	17.6	17.9	4.3	22.2	23.6	45.8	19.3	48.4
Persons—									
Government/state	*	15.3	17.2	5.1	22.3	33.8	56.1	22.8	39.7
Non-government	*	12.5	12.7	*	15.1	12.7	27.8	*	54.5
Total	*	27.8	29.9	7.5	37.4	46.5	83.9	20.0	44.6
ATTENDING TERTIARY PART-TIME									
Males—									
Government/state	19.7	*	20.4	*	21.3	*	21.5	*	99.0
Non-government	4.5	*	5.0	*	5.5	*	5.5	*	100.0
Total	24.2	*	25.4	*	26.7	*	26.9	*	99.2
Females—									
Government/state	7.4	*	8.1	*	9.5	*	10.2	*	93.4
Non-government	*	*	*	*	*	*	*	*	*
Total	9.2	*	10.9	*	13.0	*	13.7	*	95.0
Persons—									
Government/state	27.1	*	28.5	*	30.8	*	31.7	*	97.2
Non-government	6.3	*	7.8	*	8.9	*	8.9	*	100.0
Total	33.4	*	36.3	*	39.7	*	40.6	*	97.8
NOT ATTENDING TERTIARY									
Males—									
Government/state	40.8	4.3	45.1	17.2	62.3	4.5	66.8	27.6	93.3
Non-government	12.2	*	13.1	*	15.3	*	15.6	*	97.9
Total	53.1	5.2	58.2	19.4	77.6	4.8	82.4	25.0	94.2
Females—									
Government/state	46.2	7.9	54.1	16.6	70.7	7.6	78.3	23.5	90.3
Non-government	10.2	*	12.5	*	15.0	*	15.8	*	95.0
Total	56.4	10.1	66.5	19.2	85.7	8.4	94.1	22.4	91.1
Persons—									
Government/state	87.0	12.2	99.2	33.8	133.0	12.1	145.1	25.4	91.7
Non-government	22.5	*	25.6	4.7	30.3	*	31.4	15.6	96.5
Total	109.5	15.3	124.8	38.5	163.3	13.2	176.5	23.6	92.5
TOTAL									
Males—									
Government/state	62.2	9.1	71.3	19.8	91.1	21.5	112.6	21.7	80.9
Non-government	16.9	7.5	24.4	4.1	28.5	6.4	34.9	14.4	81.7
Total	79.1	16.6	95.7	23.9	119.6	27.9	147.5	20.0	81.1
Females—									
Government/state	53.8	19.8	73.6	21.4	95.0	25.3	120.3	22.5	79.0
Non-government	12.1	9.7	21.7	4.1	25.8	7.4	33.2	15.9	77.8
Total	65.9	29.5	95.3	25.5	120.8	32.7	153.5	21.1	78.7
Persons—									
Government/state	116.0	28.9	144.9	41.2	186.1	46.8	232.9	22.1	79.9
Non-government	29.0	17.1	46.1	8.2	54.4	13.8	68.1	15.1	79.8
Total	145.0	46.0	191.0	49.4	240.4	60.6	301.0	20.5	79.9

TABLE 14. PERSONS AGED 15 TO 24 WHO ATTENDED AN EDUCATIONAL INSTITUTION FULL-TIME IN 1985: TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1985, WHETHER CONTINUING FULL-TIME EDUCATION, AND WHETHER ATTENDING SAME TYPE OF EDUCATIONAL INSTITUTION AS IN 1985, MAY 1986

Type of educational institution attended full-time in 1985	Continuing full-time education			Leavers		Total ('000)
	Same type of educational institution as in 1985	Different type of educational institution than in 1985	Total	Number	Proportion of total (per cent)	
MALES						
School	286.9	38.1	325.0	108.1	25.0	433.1
University	33.7	*	34.8	13.4	27.8	48.2
CAE	20.9	*	21.4	9.2	30.0	30.6
TAFE/technical college	8.5	*	9.7	22.0	69.5	31.7
Other	*	*	*	*	*	5.4
Total	352.1	41.3	393.4	155.6	28.3	549.0
FEMALES						
School	276.0	45.5	321.5	104.0	24.4	425.5
University	29.7	*	31.4	10.0	24.2	41.4
CAE	19.1	*	19.6	10.5	35.0	30.2
TAFE/technical college	7.4	*	8.0	17.9	69.2	25.9
Other	*	*	4.4	12.3	73.6	16.7
Total	335.6	49.3	384.9	154.8	28.7	539.7
PERSONS						
School	562.9	83.7	646.5	212.1	24.7	858.6
University	63.4	*	66.2	23.4	26.1	89.6
CAE	40.1	*	41.0	19.7	32.5	60.7
TAFE/technical college	15.9	*	17.7	39.9	69.3	57.6
Other	5.4	*	6.9	15.2	68.8	22.1
Total	687.8	90.5	778.3	310.3	28.5	1,088.6

TABLE 15. LEAVERS AGED 15 TO 64: LABOUR FORCE STATUS AND AGE, MAY 1986

Labour force status	Aged 15 to 19			Aged 20 to 24			Total(a)		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
—'000—									
In the labour force	118.5	116.5	235.0	30.5	27.2	57.7	169.8	163.5	333.3
Employed	95.4	92.0	187.3	26.1	23.6	49.7	140.6	132.7	273.3
Full-time	87.9	78.0	165.9	22.7	17.7	40.3	127.7	108.2	235.9
Part-time	7.5	14.0	21.4	*	6.0	9.4	12.9	24.5	37.4
Unemployed	23.2	24.5	47.7	4.4	3.6	8.0	29.3	30.8	60.0
Not in the labour force	5.6	8.8	14.4	*	*	*	7.7	15.4	23.1
—per cent—									
Unemployment rate	19.6	21.1	20.3	14.4	13.2	13.8	17.2	18.8	18.0
Participation rate	95.5	93.0	94.2	97.0	92.4	94.8	95.7	91.4	93.5
—'000—									
Total	124.2	125.3	249.5	31.4	29.5	60.9	177.5	178.9	356.3

(a) Includes leavers aged 25 to 64.

TABLE 16. LEAVERS AGED 15 TO 64: TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1985 AND AGE, MAY 1986 ('000)

Type of educational institution attended full-time in 1985	Aged 15 to 24			Aged 25 to 64			Total		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
School	108.1	104.0	212.1	*	*	*	108.1	104.1	212.2
University	13.4	10.0	23.4	8.5	5.0	13.5	21.9	15.1	37.0
CAE	9.2	10.5	19.7	3.6	6.0	9.7	12.8	16.6	29.4
TAFE/technical college	22.0	17.9	39.9	4.2	5.5	9.7	26.2	23.4	49.6
Other	*	12.3	15.2	5.6	7.4	13.0	8.5	19.7	28.2
Total	155.6	154.8	310.3	21.9	24.1	46.0	177.5	178.9	356.3

TABLE 17. LEAVERS AGED 15 TO 64: TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1985, LABOUR FORCE STATUS AND AGE, MAY 1986

Type of educational institution attended full-time in 1985	Employed			Unemployed —'000—	In the labour force	Not in the labour force	Total	Unemployment rate —per cent—	Participation rate
	Full-time	Part-time	Total						
AGED 15 TO 24									
School	139.3	18.1	157.4	41.4	198.8	13.3	212.1	20.8	93.7
University	16.7	*	19.8	*	22.4	*	23.4	*	95.6
CAE	13.2	*	16.7	*	18.8	*	19.7	*	95.3
TAFE/technical college	26.5	3.5	30.0	7.9	37.9	*	39.9	20.9	95.0
Other	10.4	*	13.1	*	14.9	*	15.2	*	97.8
Total	206.2	30.9	237.0	55.7	292.7	17.6	310.3	19.0	94.3
AGED 25 TO 64									
School	*	*	*	*	*	*	*	*	*
University	9.4	*	10.8	*	11.9	*	13.5	*	87.6
CAE	6.4	*	8.0	*	9.1	*	9.7	*	94.3
TAFE/technical college	5.5	*	7.2	*	8.0	*	9.7	*	82.5
Other	8.5	*	10.3	*	11.5	*	13.0	*	89.0
Total	29.7	6.5	36.2	4.3	40.5	5.5	46.0	10.7	88.1
TOTAL									
School	139.3	18.1	157.4	41.4	198.8	13.4	212.2	20.8	93.7
University	26.0	4.6	30.6	3.6	34.2	*	37.0	10.6	92.6
CAE	19.6	5.1	24.7	*	27.9	*	29.4	*	95.0
TAFE/technical college	32.0	5.2	37.2	8.8	46.0	3.7	49.6	19.1	92.6
Other	19.0	4.4	23.3	*	26.4	*	28.2	*	93.8
Total	235.9	37.4	273.3	60.0	333.3	23.1	356.3	18.0	93.5

TABLE 18. LEAVERS AGED 15 TO 24: TIME OF LEAVING FULL-TIME EDUCATION, AGE AND TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1985, MAY 1986 ('000)

Time of leaving full-time education	Aged 15 to 19			Total(a)		
	Males	Females	Persons	Males	Females	Persons
ATTENDED SCHOOL IN 1985						
January-June 1985	12.4	14.2	26.7	12.7	14.2	26.9
July-October 1985	10.3	13.7	24.0	10.3	13.8	24.1
November 1985	49.2	46.2	95.4	49.5	46.6	96.1
December 1985	24.9	18.7	43.6	25.5	19.2	44.7
January-May 1986	9.9	10.2	20.0	10.1	10.2	20.3
Total	106.7	103.0	209.7	108.1	104.0	212.1
ATTENDED TERTIARY INSTITUTION IN 1985						
January-June 1985	*	*	*	*	5.1	7.7
July-October 1985	3.7	4.3	8.0	8.4	6.4	14.8
November 1985	8.9	11.5	20.3	28.1	29.4	57.5
December 1985	*	3.8	6.4	6.5	8.5	15.0
January-May 1986	*	*	*	*	*	*
Total	17.5	22.3	39.8	47.5	50.8	98.3
TOTAL						
January-June 1985	13.8	16.3	30.1	15.2	19.4	34.6
July-October 1985	14.0	18.0	32.0	18.7	20.2	38.9
November 1985	58.1	57.6	115.7	77.6	76.0	153.6
December 1985	27.5	22.5	50.0	32.0	27.7	59.8
January-May 1986	10.8	10.9	21.6	12.0	11.6	23.5
Total	124.2	125.3	249.5	155.6	154.8	310.3

(a) Includes leavers aged 20 to 24.

TABLE 19. LEAVERS AGED 15 TO 24 : AGE AT TIME OF LEAVING FULL-TIME EDUCATION, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION AND TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1985, MAY 1986 (' 000)

	Attended school in 1985			Attended any educational institution(a) in 1985		
	Males	Females	Persons	Males	Females	Persons
<i>Age at time of leaving—</i>						
14 and under	3.7	*	5.6	3.7	*	5.6
15-19	103.9	101.6	205.5	124.9	126.5	251.4
15	23.2	24.3	47.4	23.9	24.4	48.3
16	38.1	33.9	71.9	41.0	38.5	79.5
17	27.1	29.0	56.1	31.4	35.6	67.0
18	14.6	12.8	27.4	22.2	20.6	42.7
19	*	*	*	6.6	7.4	14.0
20-24	*	*	*	26.9	26.4	53.3
<i>Whether attending at May 1986—</i>						
Attending part-time	27.8	13.6	41.4	41.9	23.0	65.0
Not attending	80.3	90.4	170.7	113.6	131.8	245.4
Total	108.1	104.0	212.1	155.6	154.8	310.3

(a) Includes school.

TABLE 20. EMPLOYED LEAVERS AGED 15 TO 24 : INDUSTRY, FULL-TIME OR PART-TIME STATUS AND TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1985, MAY 1986 (' 000)

	Attended school in 1985			Attended any educational institution(a) in 1985		
	Males	Females	Persons	Males	Females	Persons
<i>Industry—</i>						
Agriculture, forestry, fishing and hunting	6.5	*	7.8	7.3	*	9.0
Manufacturing	16.4	6.4	22.8	23.6	7.9	31.5
Construction	9.3	*	10.3	13.5	*	14.8
Wholesale and retail trade	24.8	29.7	54.5	32.7	39.5	72.2
Transport and storage; communication	*	*	4.0	5.3	*	8.6
Finance, property and business services	10.8	15.7	26.5	16.4	24.8	41.3
Community services	*	10.1	12.9	6.3	21.1	27.4
Recreation, personal and other services	5.3	6.1	11.4	8.7	10.7	19.5
Other(b)	4.5	*	7.1	7.7	5.1	12.8
<i>Full-time or part-time status—</i>						
Full-time workers	76.4	62.9	139.3	110.5	95.6	206.2
Part-time workers	6.4	11.8	18.1	10.9	20.0	30.9
Total	82.7	74.7	157.4	121.5	115.6	237.0

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

TABLE 21. EMPLOYED LEAVERS AGED 15 TO 24 : OCCUPATION AND TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1985, MAY 1986 (' 000)

Occupation	Attended school in 1985			Attended any educational institution(a) in 1985		
	Males	Females	Persons	Males	Females	Persons
Professional, technical, etc.	*	4.4	6.2	11.1	15.6	26.7
Administrative, executive and managerial	*	*	*	*	*	*
Clerical	13.0	33.5	46.6	18.9	52.1	71.0
Sales	8.6	19.5	28.1	9.9	23.8	33.7
Farmers, fisherpersons and timbergetters	6.4	*	7.7	7.5	*	9.6
Transport and communication	*	*	*	*	*	*
Trades and production-process workers and labourers n.e.c., and miners and quarry workers	46.5	5.4	51.9	63.4	6.7	70.2
Service, sport and recreation	4.8	10.1	15.0	8.1	14.3	22.4
Total	82.7	74.7	157.4	121.5	115.6	237.0

(a) Includes school.

TABLE 22. UNEMPLOYED LEAVERS AGED 15 TO 24 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1985 AND TYPE OF SCHOOL LAST ATTENDED, MAY 1986 (' 000)

Type of educational institution attended full-time in 1985	Type of school last attended		Total
	Government/state	Non-government	
School	35.5	5.8	41.4
University/CAE	3.7	*	4.6
TAFE/technical college/other	8.0	*	9.7
Total	47.2	8.5	55.7

TABLE 23. APPRENTICES : FIELD OF TRADE, MAY 1983 TO MAY 1986
(' 000)

Field of trade	1983		1984		1985		1986	
	Males	Persons(a)	Males	Persons(b)	Males	Persons(c)	Males	Persons(d)
Metal	35.2	35.3	30.8	31.1	30.3	30.3	21.4	21.4
Electrical	22.8	23.2	18.2	18.2	21.6	22.0	15.1	15.1
Building(e)	28.2	28.2	25.5	25.9	26.1	26.2	28.6	29.1
Service	*	11.0	*	11.7	*	14.2	3.6	14.4
Food and drink	10.9	12.8	8.7	10.1	9.1	10.8	11.7	13.6
Printing	*	*	*	3.7	3.7	4.1	3.5	3.5
Mechanical, automotive	19.4	19.6	20.2	20.2	21.1	21.1	20.7	20.7
Other(f)	15.7	17.7	17.9	21.0	16.2	19.0	15.0	16.7
Total	137.7	151.1	127.5	142.0	129.7	147.8	119.6	134.5

(a) Includes a total of 13,500 females. (b) Includes a total of 14,500 females. (c) Includes a total of 18,100 females. (d) Includes a total of 14,900 females. (e) Includes furniture making. (f) Includes footwear, clothing and textiles.

TABLE 24. APPRENTICES : SUMMARY OF CHARACTERISTICS AND FIELD OF TRADE, MAY 1986
(' 000)

	Field of trade								Total
	Metal	Electrical	Building(a)	Service	Food and drink	Printing	Mechanical, automotive	Other(b)	
State—									
N.S.W.	8.1	5.0	8.6	4.1	4.3	*	7.3	5.6	44.7
Vic.	5.0	*	10.3	4.0	5.0	*	5.5	6.1	40.7
Qld	3.4	*	3.5	3.0	*	*	*	*	18.6
S.A.	*	*	2.7	*	*	*	*	*	11.3
W.A.	2.5	*	2.2	*	*	*	2.6	*	12.4
Tas.	*	*	1.2	*	*	*	*	*	4.5
N.T.	*	*	*	*	*	*	*	*	*
A.C.T.	*	*	*	*	*	*	*	*	*
Age—									
15-19	16.9	9.8	23.1	11.8	10.1	*	15.2	10.3	99.5
15	*	*	*	*	*	*	*	*	*
16	3.5	*	3.5	*	*	*	*	*	16.4
17	4.1	3.9	5.7	*	*	*	5.3	*	27.9
18	5.1	*	7.2	3.5	3.6	*	5.0	*	30.6
19	3.9	*	6.0	*	*	*	*	*	22.4
20-24	4.2	5.1	5.9	*	*	*	5.3	5.9	33.3
25-34	*	*	*	*	*	*	*	*	*
Birthplace—									
Born in Australia	19.1	13.3	25.9	12.4	12.7	*	18.7	14.3	119.4
Born outside Australia	*	*	*	*	*	*	*	*	15.1
Age at time of leaving full-time education—									
Attending full-time at May 1986	*	*	*	*	*	*	*	*	7.2
Not attending full-time at May 1986	19.8	14.0	28.2	13.5	12.5	*	19.3	15.3	125.8
15-19	19.5	13.4	27.4	12.8	12.0	*	18.8	15.2	122.1
15	3.8	*	8.8	*	3.9	*	3.5	*	27.1
16	9.0	5.4	8.6	6.9	4.9	*	11.2	6.0	53.7
17	4.6	3.8	8.3	*	*	*	*	*	27.7
18	*	*	*	*	*	*	*	*	11.4
19	*	*	*	*	*	*	*	*	*
Other(c)	*	*	*	*	*	*	*	*	3.7
Not asked(d)	*	*	*	*	*	*	*	*	*
Type of school last attended—									
Government/state	17.2	12.2	23.3	9.7	10.8	*	17.6	12.7	106.8
Non-government	3.9	*	5.8	4.3	*	*	*	3.5	25.9
Not asked(e)	*	*	*	*	*	*	*	*	*
Industry—									
Manufacturing	11.6	*	7.1	*	*	*	*	4.5	32.3
Electricity, gas and water	*	*	*	*	*	*	*	*	4.3
Construction	*	5.2	16.5	*	*	*	*	*	24.6
Wholesale and retail trade	*	*	*	*	5.2	*	17.3	*	31.6
Transport and storage; communication	*	*	*	*	*	*	*	*	4.6
Community services	*	*	*	*	*	*	*	*	6.3
Recreation, personal and other services	*	*	*	13.1	6.1	*	*	*	21.3
Other(f)	3.9	*	*	*	*	*	*	*	9.5
Sector—									
Government	5.5	5.3	*	*	*	*	*	*	17.8
Non-government(g)	15.9	9.7	25.9	14.4	13.0	*	19.9	14.4	116.7
Total	21.4	15.1	29.1	14.4	13.6	3.5	20.7	16.7	134.5

(a) Includes furniture making. (b) Includes footwear, clothing and textiles. (c) Comprises persons who left school at age 10 to 14 or 20 to 34. (d) Persons aged 25 to 34 who were not asked the age at which they left full-time education. (e) Comprises persons aged 25 to 34. (f) Includes agriculture, etc; mining; finance, property and business services; and public administration and defence. (g) Includes a small number of persons for whom sector could not be determined.

TABLE 25. APPRENTICES: FIELD OF TRADE AND YEAR OF APPRENTICESHIP, MAY 1986
(' 000)

Field of trade	Year of apprenticeship				Total
	First	Second	Third	Fourth(a)	
MALES					
Metal	7.3	5.3	4.4	4.5	21.4
Electrical	5.3	*	3.6	*	15.1
Building(b)	9.5	8.9	6.0	4.3	28.6
Service	*	*	*	*	3.6
Food and drink	4.6	*	3.5	*	11.7
Printing	*	*	*	*	3.5
Mechanical, automotive	6.3	6.8	4.0	3.6	20.7
Other(c)	5.0	4.8	5.3		15.0
Total	40.3	33.8	25.9	19.6	119.6
PERSONS(d)					
Metal	7.3	5.3	4.4	4.5	21.4
Electrical	5.3	*	3.6	*	15.1
Building(b)	9.5	8.9	6.2	4.5	29.1
Service	4.8	4.8	4.8		14.4
Food and drink	4.8	*	3.8	*	13.6
Printing	*	*	*	*	3.5
Mechanical, automotive	6.3	6.8	4.0	3.6	20.7
Other(c)	6.1	4.8	5.8		16.7
Total	44.9	38.1	29.4	22.1	134.5

(a) Includes a small number of fifth year apprentices. (b) Includes furniture making. (c) Includes footwear, clothing and textiles. (d) Includes 14,900 females.

TABLE 26. APPRENTICES: SUMMARY OF CHARACTERISTICS AND YEAR OF APPRENTICESHIP, MAY 1986
(' 000)

	Year of apprenticeship				Total
	First	Second	Third	Fourth(a)	
State—					
N.S.W.	14.6	13.5	8.8	7.8	44.7
Vic.	14.6	11.6	9.7	4.8	40.7
Qld	5.1	5.3	4.5	3.6	18.6
S.A.	3.7	2.4	2.9	2.2	11.3
W.A.	4.3	3.3	2.3	2.5	12.4
Tas.	1.6	1.4	*	*	4.5
N.T.	*	*	*	*	*
A.C.T.	*	*	*	*	*
Age—					
15-19	41.7	32.4	18.6	6.9	99.5
15	*	*	*	*	*
16	14.2	*	*	*	16.4
17	14.5	11.4	*	*	27.9
18	9.0	11.6	8.7	*	30.6
19	*	7.3	7.9	5.5	22.4
20-24	*	5.6	10.3	14.6	33.3
25-34	*	*	*	*	*
Birthplace—					
Born in Australia	40.8	34.2	25.5	18.9	119.4
Born outside Australia	4.1	3.9	3.9	*	15.1
Age at time of leaving full-time education—					
Attending full-time at May 1986	*	*	*	*	7.2
Not attending full-time at May 1986	42.4	34.8	27.4	21.2	125.8
15-19	42.2	34.2	26.0	19.8	122.1
15	10.7	8.2	4.4	3.9	27.1
16	17.0	15.5	11.9	9.3	53.7
17	10.7	7.3	6.0	3.7	27.7
18	*	*	*	*	11.4
19	*	*	*	*	*
Other(b)	*	*	*	*	3.7
Not asked(c)	*	*	*	*	*
Type of school last attended—					
Government/state	34.9	30.9	23.7	17.3	106.8
Non-government	9.5	7.0	5.2	4.2	25.9
Not asked(d)	*	*	*	*	*
Industry—					
Manufacturing	11.0	8.7	7.7	4.9	32.3
Electricity, gas and water	*	*	*	*	4.3
Construction	8.4	7.0	5.0	4.1	24.6
Wholesale and retail trade	9.9	9.7	6.9	5.1	31.6
Transport and storage; communication	*	*	*	*	4.6
Community services	*	*	*	*	6.3
Recreation, personal and other services	7.4	6.8	4.5	*	21.3
Other(e)	3.7	*	*	*	9.5
Sector—					
Government	4.5	4.6	4.8	3.8	17.8
Non-government(f)	40.4	33.5	5.1	18.3	116.7
Total	44.9	38.1	29.4	22.1	134.5

(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 asked the age at which they left full-time education. (d) Comprises persons aged 25 to 34. (e) Includes agriculture, etc.; mining; finance, property and business services; and public administration and defence. (f) Includes a small number of persons for whom sector could not be determined.

ADDITIONAL TABLES

The following is a list of additional tables of results from the survey which are available to users on request. These tables show a selection of estimates on an Australia-wide basis. Tables disaggregated by State/Territory and other tables may also be available. Most tables are dissected by sex.

Persons aged 15 to 64—

- A1 Whether attended an educational institution and level of course in 1985, and labour force status
Labour force status and age—
- A2 Whether attended an educational institution, type of educational institution attended and type of attendance in 1985
- A3 Whether attended an educational institution and type of attendance in 1985, and family status
- A4 Whether attended an educational institution, type of educational institution attended and type of attendance in 1985, and age
- A5 Whether attending an educational institution and type of educational institution attending at May 1986, and birthplace and year of arrival
- A6 Whether attending an educational institution, type of educational institution attending and type of attendance at May 1986, and family status

Persons aged 15 to 64 who attended an educational institution in 1985—

- A7 Type of educational institution attended in 1985 and birthplace and year of arrival

Persons aged 15 to 64 who attended an educational institution full-time in 1985—

- A8 Type of educational institution attended in 1985, whether attending an educational institution and type of educational institution attending at May 1986, and age

Employed persons aged 15 to 64—

- A9 Whether attended an educational institution, type of educational institution attended and type of attendance in 1985, and occupation

Unemployed persons aged 15 to 64—

- A10 Whether attended an educational institution and type of educational institution attended in 1985, and duration of unemployment

Persons aged 15 to 24—

- A11 Age at time of leaving full-time education and labour force status
- A12 Whether attending an educational institution, type of educational institution attending and type of attendance at May 1986, and age

Leavers aged 15 to 64—

- Labour force status—
- A13 Age at time of leaving full-time education
- A14 Level of course in 1985

Employed leavers aged 15 to 64—

- A15 Type of educational institution attended full-time in 1985 and age

Unemployed leavers aged 15 to 64—

- A16 Duration of unemployment and age

Apprentices—

- A17 Field of trade, and whether attended an educational institution and type of attendance in 1985
- A18 Whether attending an educational institution, type of educational institution attending and type of attendance at May 1986, and year of apprenticeship

TECHNICAL NOTE

Estimation procedure

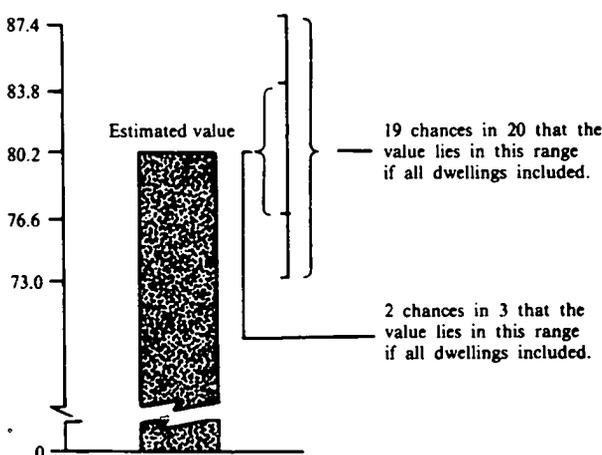
The estimates are derived from the population survey by use of a ratio estimation procedure, which ensures that the estimates conform to an independently estimated distribution of the population for each capital city and remainder of State by age and sex, rather than to the corresponding distribution 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 the figures 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 figure 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 10 shows the estimated number of persons aged 15 to 24 who attended university during 1985 and who were attending an educational institution at May 1986 is 80,200. Since this estimate is between 50,000 and 100,000 in the standard error table, the standard error for Australia will be between 2,950 and 3,950 and can be approximated as 3,600 (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 76,600 to 83,800 and about nineteen chances in twenty that the value will fall within the range 73,000 to 87,400. 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 figures for these small components can in some cases 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, the 80,200 persons represent 78.3 per cent of the 102,400 persons who attended university during 1985. The standard error of 102,400 is approximately 4,000 so the relative standard error is 3.9 per cent. The relative standard error for 80,200 is 4.5 per cent. Applying the above formula, the relative standard error of the proportion is $\sqrt{(4.5)^2 - (3.9)^2}$ or 2.2 per cent, giving a standard error for the proportion (78.3 per cent) of 1.7 percentage points. Therefore, there are about two chances in three that the proportion of 15 to 24 year old university students in 1986 attending an educational institution at May 1986 is between 76.6 per cent and 80.2 per cent and nineteen chances in twenty the proportion is within the range 74.9 per cent to 81.7 per cent.

8. Published figures may also be used to estimate the difference between two survey estimates (of numbers or percentages). Such a figure is itself an estimate and is therefore 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. 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 only 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	Relative standard error (per cent)
	— number —									
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	820
4,000	950	960	800	620	660	460	560		470	880
4,500	1,000	1,000	840	650	690	480	590		500	930
5,000	1,050	1,050	880	690	720	500	610		510	980
6,000	1,150	1,150	960	740	780	540	650		550	1,100
10,000	1,450	1,450	1,200	920	970	660	790		650	1,400
20,000	2,000	1,950	1,650	1,200	1,300	860	1,050		810	1,950
50,000	2,900	2,850	2,350	1,700	1,800	1,150	1,450	1,050	2,950	5.9
100,000	3,850	3,700	3,050	2,200	2,300	1,450		1,250	3,950	3.9
200,000	5,100	4,750	3,950	2,750	2,950	1,750			5,300	2.6
300,000	5,900	5,500	4,500	3,100	3,350				6,200	2.1
500,000	7,200	6,500	5,300	3,650	3,900				7,500	1.5
1,000,000	9,200	8,100	6,600						9,700	1.0
2,000,000	11,600	9,900							12,300	0.6
5,000,000									16,500	0.3
10,000,000									20,300	0.2
12,000,000									21,400	0.2