

**EMBARGOED UNTIL 11.30 A.M. 12 FEBRUARY 1986**

**TRANSITION FROM EDUCATION TO WORK  
AUSTRALIA**

**MAY 1985**

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## 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 1985 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 in 1985 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 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. 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 23 July 1985.

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

15. It is proposed that this survey will next be conducted in May 1986.

### Discontinuities in the series

16. 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 the persons aged 15 to 24 with those from previous surveys which relate to persons aged 15 to 25.

17. 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.

### Reliability of the estimates

18. 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**

19. 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 1985* (6235.0)

*Labour Force Experience, Australia, During the Year Ending February 1985* (6206.0)

*Persons Not in the Labour Force, Australia* (6220.0)—surveyed twice yearly (March and September)

*Job Search Experience of Unemployed Persons, Australia, July 1985, Preliminary* (6221.0)

20. 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 18 above.
- n.e.c. not elsewhere classified
- CAE College of Advanced Education
- TAFE College of Technical and Further Education
- r Revised

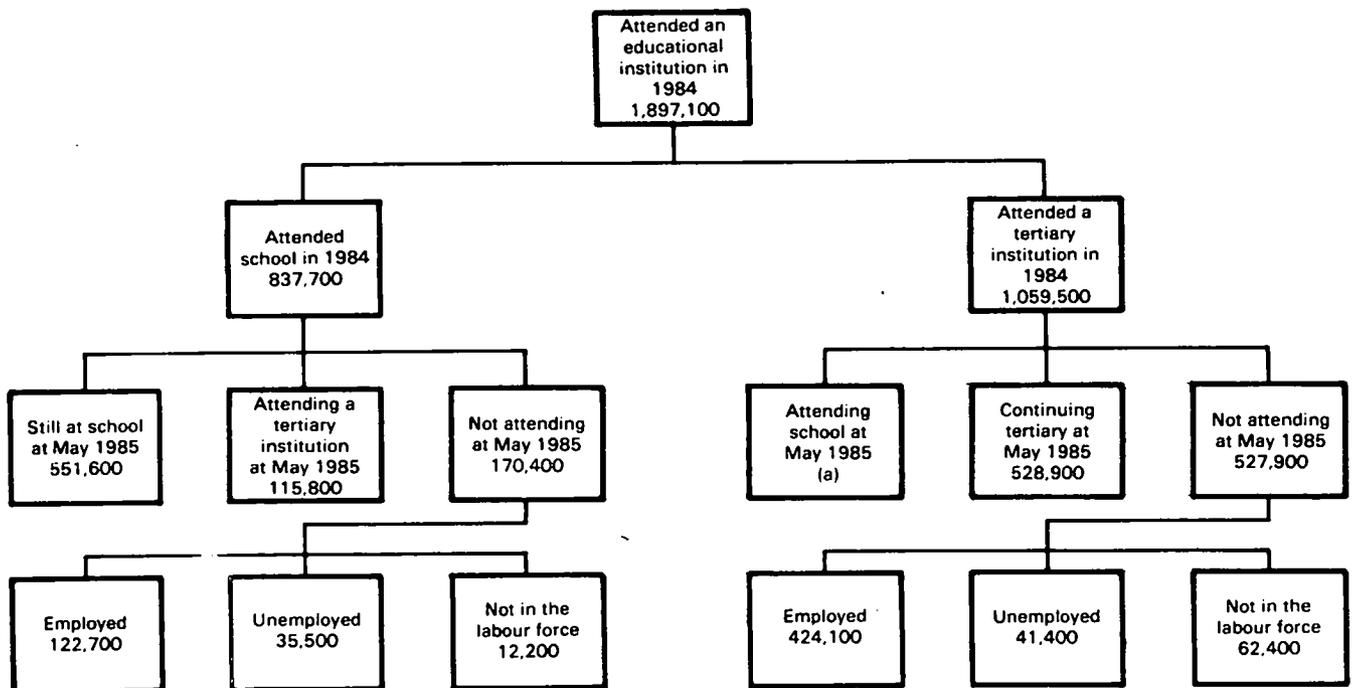
21. Because figures have been rounded, discrepancies may occur between sums of the component items and totals.

### SUMMARY OF FINDINGS

1,897,100 persons aged 15 to 64 attended an educational institution in 1984 (837,700 or 44.2 per cent attended school while the other 1,059,500 or 55.8 per cent attended a tertiary institution). Of those who attended school in 1984, most (65.8 per cent) were still at school at May 1985, while 13.8 per cent had progressed to tertiary education. Of those who attended a tertiary institution in 1984, 528,900 (49.9 per cent) were continuing their tertiary education at May 1985. This proportion is a decrease from 52.2 per cent in the May 1984 survey.

A total of 698,300 persons who attended an educational institution in 1984 were not continuing their studies at May 1985. Of the 170,400 persons who attended school in 1984 but were not attending at May 1985, 20.8 per cent were unemployed. A much lower proportion (7.8 per cent) of persons who attended a tertiary institution in 1984 but were not attending at May 1985 were unemployed.

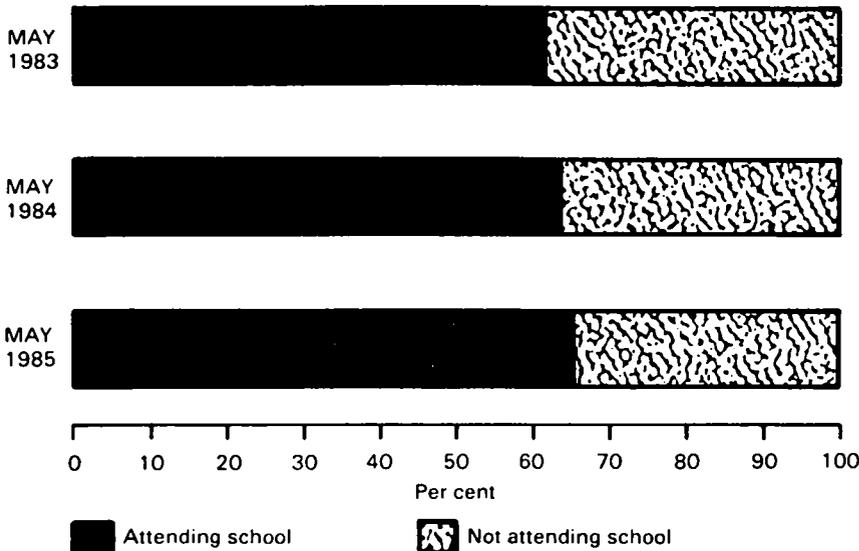
**DIAGRAM 1. PERSONS AGED 15 TO 64 WHO ATTENDED AN EDUCATIONAL INSTITUTION IN 1984: TYPE OF EDUCATIONAL INSTITUTION ATTENDED IN 1984, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF EDUCATIONAL INSTITUTION ATTENDING AND LABOUR FORCE STATUS, MAY 1985**  
(Source of data: Tables 1, 8 and 9)



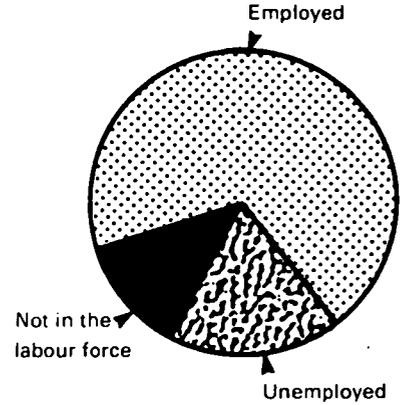
(a) Estimate subject to sampling variability too high for most practical uses.

Of the 805,700 persons aged 15 to 17 at May 1985, 527,200 or 65.4 per cent were attending school. This proportion has increased over the last two years from 61.7 per cent at May 1983. There were 278,500 persons in this age group who were not attending school at May 1985. Of these 193,100 were employed and 52,100 were unemployed—an unemployment rate of 21.2 per cent. 33,300 were not in the labour force.

**DIAGRAM 2. PERSONS AGED 15 TO 17: WHETHER ATTENDING SCHOOL, MAY 1983 TO MAY 1985**  
(Source of data: Table 3)



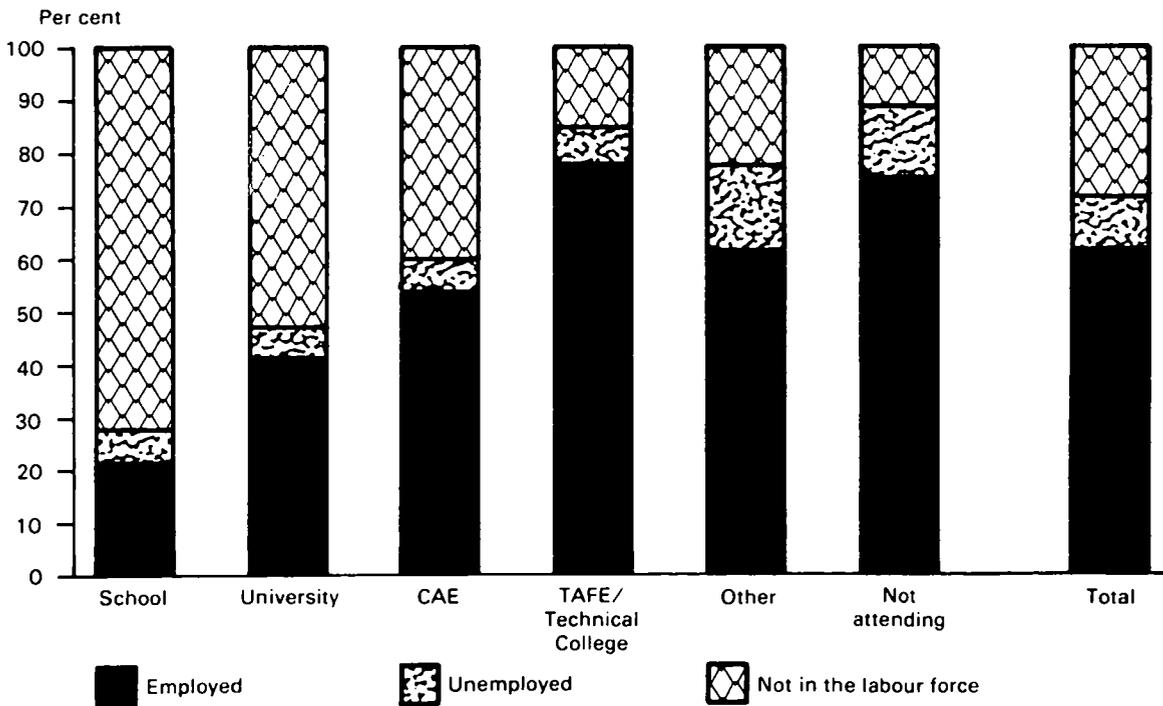
**DIAGRAM 3. PERSONS AGED 15-17 WHO WERE NOT ATTENDING SCHOOL: LABOUR FORCE STATUS, MAY 1985**  
(Source of data: Table 3)



Of the 2,593,700 persons aged 15 to 24 at May 1985, 21.3 per cent were attending school, 4.3 per cent university, 3.6 per cent Colleges of Advanced Education, 8.9 per cent TAFE or Technical Colleges and 1.3 per cent other educational institutions, while the remaining 60.5 per cent were not attending at all. Most persons in this age group were employed (61.1 per cent), while 10.7 per cent were unemployed and 28.2 per cent were not in the labour force.

A majority of persons who were attending school or university were not in the labour force, whilst a majority of persons who were attending Colleges of Advanced Education, TAFE or Technical Colleges, other educational institutions or were not attending an educational institution were employed. Those persons attending TAFE or Technical Colleges and those not attending had the highest proportions of employed persons (77.3 per cent and 74.6 per cent respectively). The largest proportions of unemployed persons were in the groups of persons attending other educational institutions and not attending at all (15.9 per cent and 13.4 per cent respectively).

**DIAGRAM 4. PERSONS AGED 15 TO 24: WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF EDUCATIONAL INSTITUTION ATTENDING AND LABOUR FORCE STATUS, MAY 1985**  
(Source of data: Table 6)

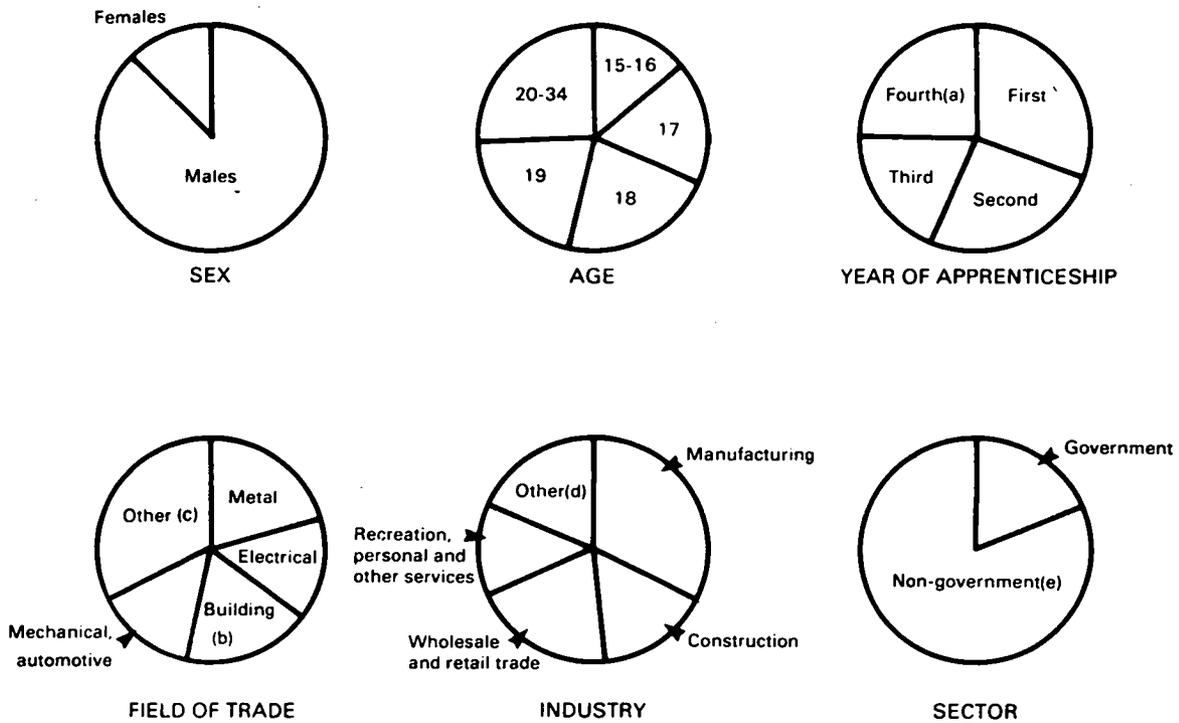


In May 1985 there were 147,800 apprentices aged 15 to 34 in training (1.2 per cent of the civilian population or 2.2 per cent of employed persons aged 15 and over). This compares with 142,000 in May 1984 and 151,100 in May 1983.

Most of these apprentices were males (87.8 per cent in May 1985). A large proportion (60.7 per cent) were aged 17 to 19 and 31.1 per cent were in the first year of their apprenticeship.

Fields of trade in which relatively large numbers of apprentices worked were metal, building, electrical and mechanical and automotive. Industries which employed many apprentices were manufacturing, wholesale and retail trade, construction and recreation, personal and other services. Over 80 per cent of apprentices were employed in the Non-government sector.

**DIAGRAM 5. APPRENTICES: SUMMARY OF CHARACTERISTICS, MAY 1985**  
(Source of data: Tables 23 and 24)



(a) Includes a small number of fifth year apprentices. (b) Includes furniture making. (c) Includes service; food and drink; printing; and footwear, clothing and textiles. (d) Includes electricity, gas and water; transport and storage; communication; community services; agriculture, etc.; mining; 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 1. PERSONS AGED 15 TO 64 WHO ATTENDED AN EDUCATIONAL INSTITUTION DURING THE PREVIOUS YEAR: WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, AGE AND LABOUR FORCE STATUS, MAY 1983 TO MAY 1985**

	<i>Employed</i>			<i>Unem- ployed</i>	<i>In the labour force</i>	<i>Not in the 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—		
Attended in 1982—									
Attending at May 1983—									
15-24 years	165.6	139.0	304.6	61.3	365.9	497.2	863.1	16.8	42.4
25-64 years	144.8	32.4	177.1	11.5	188.6	53.4	242.0	6.1	77.9
Total	310.4	171.3	481.7	72.8	554.5	550.6	1,105.1	13.1	50.2
Not attending at May 1983—									
15-24 years	210.6	30.8	241.3	68.7	310.1	20.8	330.8	22.2	93.7
25-64 years	180.9	37.4	218.3	16.6	234.9	59.9	294.8	7.1	78.9
Total	391.4	68.2	459.6	85.4	545.0	80.7	625.7	15.7	87.1
Total—									
15-24 years	376.2	169.7	545.9	130.0	675.9	518.0	1,193.9	19.2	56.6
25-64 years	325.6	69.8	395.4	28.1	423.5	113.3	536.8	6.6	78.9
Total	701.8	239.5	941.3	158.1	1,099.5	631.3	1,730.8	14.4	63.5
Attended in 1983—									
Attending at May 1984—									
15-24 years	170.9	165.3	336.2	54.0	390.2	r523.5	r913.7	13.8	42.7
25-64 years	151.6	33.4	184.9	11.3	196.2	57.9	254.2	5.7	77.2
Total	322.5	198.7	521.2	65.3	586.4	r581.4	r1,167.9	11.1	50.2
Not attending at May 1984—									
15-24 years	225.9	28.7	254.6	68.9	323.5	20.1	343.6	21.3	94.2
25-64 years	202.5	40.9	243.4	15.9	259.3	57.4	316.7	6.1	81.9
Total	428.4	69.5	497.9	84.9	582.8	77.4	660.2	14.6	88.3
Total—									
15-24 years	396.8	194.0	590.8	122.9	713.7	r543.5	r1,257.3	17.2	56.8
25-64 years	354.1	74.2	428.3	27.2	455.5	115.3	570.8	6.0	79.8
Total	750.9	268.2	1,019.1	150.1	1,169.2	r658.8	r1,828.1	12.8	64.0
Attended in 1984—									
Attending in May 1985—									
15-24 years	170.5	185.9	356.4	57.5	413.9	530.6	944.5	13.9	43.8
25-64 years	156.1	34.9	191.0	8.2	199.2	55.2	254.3	4.1	78.3
Total	326.6	220.8	547.4	65.7	613.1	585.8	1,198.9	10.7	51.1
Not attending at May 1985—									
15-24 years	253.0	28.1	281.0	61.0	342.0	18.0	360.1	17.8	95.0
25-64 years	216.1	49.7	265.8	15.9	281.7	56.5	338.2	5.6	83.3
Total	469.1	77.8	546.8	76.9	623.7	74.5	698.3	12.3	89.3
Total—									
15-24 years	423.4	214.0	637.4	118.5	755.9	548.7	1,304.6	15.7	57.9
25-64 years	372.2	84.5	456.8	24.1	480.9	111.7	592.6	5.0	81.2
Total	795.6	298.5	1,094.2	142.6	1,236.8	660.3	1,897.1	11.5	65.2

**TABLE 2. PERSONS AGED 15 TO 24(a): WHETHER ATTENDED AN EDUCATIONAL INSTITUTION FULL-TIME IN THE PREVIOUS YEAR AND WHETHER CONTINUING FULL-TIME EDUCATION, MAY 1980 TO MAY 1985**

	<i>Attended an educational institution full-time in the previous year</i>			<i>Total</i>	<i>Did not attend an educational institution full-time in the previous year</i>	<i>Total</i>
	<i>Continuing full-time education</i>					
	<i>Leavers</i>	<i>Number</i>	<i>Proportion of total</i>			
	— '000—					
	(per cent)			— '000—		
1980	295.8	633.5	68.2	929.3	1,790.6	2,719.9
1981	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	1,384.5	2,325.5
1984	286.9	r716.8	r71.4	r1,003.7	1,594.1	r2,597.7
1985	304.0	743.2	71.0	1,047.1	1,546.6	2,593.7

(a) Estimates for May 1980 and May 1981 are for persons aged 15 to 25.

**TABLE 3. PERSONS AGED 15 TO 17: WHETHER ATTENDING SCHOOL, TYPE OF ATTENDANCE AND LABOUR FORCE STATUS, MAY 1983 TO MAY 1985**

	1983			1984			1985		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
	—'000—								
Attending school	236.4	225.4	461.8	250.9	243.2	494.1	266.4	260.8	527.2
Full-time	236.1	224.6	460.6	250.0	242.6	492.6	265.9	259.7	525.6
Part-time	*	*	*	*	*	*	*	*	*
Not attending school	148.3	137.7	286.1	150.9	132.2	283.0	148.9	129.6	278.5
In the labour force	133.2	115.2	248.4	134.6	106.8	241.4	133.8	111.3	245.2
Employed	99.0	85.4	184.5	103.4	80.1	183.5	104.6	88.5	193.1
Unemployed	34.2	29.8	64.0	31.2	26.7	57.9	29.2	22.9	52.1
Not in the labour force	15.1	22.5	37.6	16.2	25.3	41.6	15.0	18.3	33.3
<b>Total</b>	<b>384.8</b>	<b>363.1</b>	<b>747.9</b>	<b>401.8</b>	<b>375.4</b>	<b>777.2</b>	<b>415.3</b>	<b>390.4</b>	<b>805.7</b>
	—per cent—								
Proportion attending school	61.4	62.1	61.7	62.4	64.8	63.6	64.1	66.8	65.4

**TABLE 4. LEAVERS AGED 15 TO 64: TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN THE PREVIOUS YEAR AND LABOUR FORCE STATUS, MAY 1980 TO MAY 1985 ('000)**

	1980(a)	1981	1982	1983	1984	1985
Attended school full-time	193.1	185.9	187.2	174.4	188.1	199.1
Labour force status—						
In the labour force	185.6	176.3	174.7	162.1	176.7	190.2
Employed	143.8	144.9	140.0	116.5	133.3	152.2
Unemployed	41.8	31.4	34.7	45.5	43.4	38.0
Not in the labour force	7.5	9.6	12.5	12.4	11.4	8.9
Attended tertiary full-time	102.7	131.8	140.2	133.9	140.0	146.1
Labour force status—						
In the labour force	96.7	124.1	128.0	122.5	128.3	136.5
Employed	83.4	111.7	107.3	96.8	103.9	111.9
Unemployed	13.3	12.4	20.6	25.7	24.4	24.5
Not in the labour force	6.0	7.6	12.2	11.4	11.7	9.7
<b>Total</b>	<b>295.8</b>	<b>317.7</b>	<b>327.3</b>	<b>308.3</b>	<b>328.1</b>	<b>345.3</b>

(a) Estimates for 1980 are for persons aged 15 to 25 only.

**TABLE 5. LEAVERS AGED 15 TO 64: TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN THE PREVIOUS YEAR AND WHETHER ATTENDING AND EDUCATIONAL INSTITUTION, MAY 1980 TO MAY 1985 ('000)**

	1980(a)	1981	1982	1983	1984	1985
Attended school full-time	193.1	185.9	187.2	174.4	188.1	199.1
Attending part-time	41.5	41.9	38.9	29.4	34.4	44.1
Not attending	151.7	144.0	148.3	145.0	153.7	155.1
Attended tertiary full-time	102.7	131.8	140.2	133.9	140.0	146.1
Attending part-time	24.4	28.8	27.0	27.5	32.2	30.7
Not attending	78.4	102.9	113.2	106.3	107.8	115.4
<b>Total</b>	<b>295.8</b>	<b>317.7</b>	<b>327.3</b>	<b>308.3</b>	<b>328.1</b>	<b>345.3</b>

(a) Estimates for 1980 are for persons aged 15 to 25 only.

**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 1985**

		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—			
<b>15 TO 19 YEARS</b>										
Attending— School	Part-time	*	*	*	*	*	*	*	*	*
	Total	4.8	110.5	115.3	32.8	148.1	399.9	548.0	22.1	27.0
University	Part-time	*	*	*	*	*	*	*	*	*
	Total	*	15.2	17.7	3.9	21.6	25.1	46.7	18.2	46.2
CAE	Part-time	6.6	*	7.9	*	8.3	*	8.4	*	98.7
	Total	7.0	12.1	19.1	*	21.8	18.4	40.1	*	54.3
TAFE/Technical College	Part-time	88.8	6.8	95.6	5.7	101.3	*	102.7	5.6	98.6
	Total	93.6	13.2	106.8	9.2	116.0	23.8	139.8	7.9	83.0
Other	Part-time	6.0	*	7.0	*	9.2	*	9.8	*	93.8
	Total	6.5	*	8.5	*	11.8	5.4	17.2	*	68.7
Total	Part-time	105.6	10.1	115.7	9.0	124.7	*	127.1	7.2	98.1
	Total	114.4	153.0	267.4	51.9	319.3	472.6	791.9	16.3	40.3
Not attending		329.5	36.6	366.1	98.8	464.9	39.0	503.9	21.3	92.3
Total		443.9	189.6	633.5	150.7	984.3	511.5	1,295.8	19.2	60.5
<b>20 TO 24 YEARS</b>										
Attending— School	Part-time	*	*	*	*	*	*	*	*	*
	Total	*	*	*	*	*	*	5.3	*	*
University	Part-time	10.3	*	11.9	*	13.0	*	14.1	*	92.7
	Total	10.9	17.5	28.4	*	31.0	34.5	65.5	*	47.3
CAE	Part-time	17.7	*	20.5	*	22.9	*	23.4	*	97.6
	Total	18.4	13.1	31.4	*	34.5	20.0	54.5	*	63.3
TAFE/Technical College	Part-time	63.3	5.3	68.5	5.3	73.8	4.3	78.1	7.2	94.5
	Total	65.1	7.1	72.2	6.9	79.1	12.7	91.8	8.8	86.2
Other	Part-time	9.1	*	10.5	*	11.4	*	11.8	*	96.2
	Total	9.8	*	12.2	*	14.3	*	16.7	*	86.0
Total	Part-time	102.6	11.5	114.1	9.8	124.0	6.4	130.3	7.9	95.1
	Total	106.5	40.7	147.1	15.2	162.3	71.5	233.8	9.4	69.4
Not attending		744.4	59.9	804.3	111.6	915.9	148.1	1,064.0	12.2	86.1
Total		850.9	100.6	951.4	126.9	1,078.3	219.6	1,297.9	11.8	83.1
<b>25 TO 64 YEARS</b>										
Attending— School	Part-time	4.3	*	5.8	*	6.3	*	7.7	*	82.1
	Total	4.3	*	6.0	*	6.6	*	8.4	*	78.1
University	Part-time	46.0	7.3	53.4	*	54.8	6.5	61.4	*	89.3
	Total	48.6	12.4	61.0	*	63.3	19.3	82.6	*	76.6
CAE	Part-time	51.9	8.7	60.2	*	61.7	6.6	68.2	*	90.4
	Total	53.4	12.0	65.5	*	67.7	14.7	82.5	*	82.1
TAFE/Technical College	Part-time	123.4	26.3	149.8	6.8	156.6	38.8	195.4	4.4	80.1
	Total	125.1	27.7	152.8	7.9	160.7	44.2	204.9	4.9	78.4
Other	Part-time	28.5	7.3	35.8	*	37.7	13.2	50.9	*	74.0
	Total	30.6	8.4	39.0	*	41.1	16.3	57.4	*	71.6
Total	Part-time	254.2	51.1	305.3	11.9	317.1	66.5	383.7	3.7	82.7
	Total	262.0	62.2	324.2	15.1	339.4	96.4	435.8	4.5	77.9
Not attending		3,830.0	812.0	4,641.9	313.8	4,955.8	2,252.7	7,208.4	6.3	68.8
Total		4,092.0	874.2	4,966.2	329.0	5,295.1	2,349.0	7,644.2	6.2	69.3
<b>TOTAL</b>										
Attending— School	Part-time	8.6	*	10.9	*	12.1	*	13.7	*	88.2
	Total	11.4	112.9	124.3	33.7	158.0	403.7	561.8	21.4	28.1
University	Part-time	58.5	9.6	68.1	*	71.0	7.6	78.5	*	90.4
	Total	62.0	45.1	107.1	8.9	115.9	78.9	194.9	7.6	59.5
CAE	Part-time	76.2	12.8	89.0	3.8	92.9	7.2	100.1	4.1	92.8
	Total	78.8	37.2	116.0	8.0	124.0	53.1	177.1	6.5	70.0
TAFE/Technical College	Part-time	275.5	38.4	313.9	17.8	331.7	44.6	376.3	5.4	88.2
	Total	283.8	47.9	331.7	24.0	355.8	80.7	436.5	6.8	81.5
Other	Part-time	43.6	9.7	53.3	5.0	58.3	14.3	72.6	8.6	80.3
	Total	46.9	12.8	59.7	7.6	67.3	24.0	91.3	11.3	73.7
Total	Part-time	462.4	72.7	535.1	30.7	565.9	75.3	641.1	5.4	88.3
	Total	482.9	255.9	738.8	82.3	821.0	640.4	1,461.5	10.0	56.2
Not attending		4,903.9	908.5	5,812.3	524.3	6,336.7	2,439.7	8,776.4	8.3	72.2
Total		5,386.8	1,164.3	6,551.1	606.6	7,157.7	3,080.2	10,237.9	8.5	69.9

**TABLE 7. PERSONS AGED 15 TO 64: WHETHER ATTENDED AN EDUCATIONAL INSTITUTION AND TYPE OF ATTENDANCE IN 1984, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF ATTENDANCE, LABOUR FORCE STATUS AND AGE, MAY 1985**

In 1984	At May 1985	Employed			Unem- ployed	In the labour force	Not in the labour force	Total	Unem- ployment rate	Parti- cipation rate
		Full-time	Part-time	Total						
— '000—										
—per cent—										
<b>15 TO 19 YEARS</b>										
Full-time	Full-time	7.8	141.4	149.3	42.1	191.3	464.9	656.2	22.0	29.2
	Part-time	42.3	5.3	47.6	5.0	52.6	*	53.5	9.6	98.4
	Not attending	117.1	19.3	136.4	40.3	176.7	9.8	186.5	22.8	94.8
	Total	167.2	166.0	333.2	87.4	420.7	475.5	896.2	20.8	46.9
Part-time	Full-time	*	*	*	*	*	*	*	*	*
	Part-time	48.0	3.7	51.7	*	53.1	*	54.0	*	98.3
	Not attending	25.2	*	27.6	4.2	31.8	*	33.6	13.1	94.6
	Total	73.4	6.3	79.7	5.6	85.3	3.7	89.0	6.6	95.9
Did not attend	Full-time	*	*	*	*	*	4.4	7.2	*	*
	Part-time	15.3	*	16.4	*	19.0	*	19.6	*	97.0
	Not attending	187.3	14.9	202.1	54.4	256.5	27.4	283.8	21.2	90.4
	Total	203.3	17.3	220.6	57.7	278.3	32.4	310.7	20.7	89.6
Total	Full-time	8.8	142.9	151.7	42.9	194.6	470.2	664.8	22.0	29.3
	Part-time	105.6	10.1	115.7	9.0	124.7	*	127.1	7.2	98.1
	Not attending	329.5	36.6	366.1	98.8	464.9	39.0	503.9	21.3	92.3
	Total	443.9	189.6	633.5	150.7	784.3	511.5	1,295.8	19.2	60.5
<b>20 TO 24 YEARS</b>										
Full-time	Full-time	*	26.3	28.8	*	31.0	56.0	87.0	*	35.7
	Part-time	6.6	*	9.2	*	12.6	*	14.1	*	89.5
	Not attending	34.8	*	37.7	9.7	47.5	*	49.9	20.5	95.2
	Total	43.8	31.9	75.8	15.4	91.1	59.9	151.0	16.9	60.4
Part-time	Full-time	*	*	*	*	*	*	5.3	*	*
	Part-time	62.8	5.3	68.1	*	70.8	*	73.1	*	96.9
	Not attending	75.9	*	79.3	6.8	86.1	4.0	90.1	7.9	95.6
	Total	139.0	9.8	148.7	10.1	158.9	9.6	168.5	6.4	94.3
Did not attend	Full-time	*	*	*	*	5.4	5.8	11.2	*	48.0
	Part-time	33.3	3.6	36.9	3.6	40.5	*	43.1	9.0	94.0
	Not attending	633.7	53.5	687.2	95.1	782.4	141.7	924.1	12.2	84.7
	Total	668.1	58.9	726.9	101.4	828.3	150.1	978.4	12.2	84.7
Total	Full-time	3.8	29.2	33.0	5.4	38.3	65.2	103.5	14.0	37.1
	Part-time	102.6	11.5	114.1	9.8	124.0	6.4	130.3	7.9	95.1
	Not attending	744.4	59.9	804.3	111.6	915.9	148.1	1,064.0	12.2	86.1
	Total	850.9	100.6	951.4	126.9	1,078.3	219.6	1,297.9	11.8	83.1
<b>25 TO 64 YEARS</b>										
Full-time	Full-time	*	5.3	8.0	*	10.2	16.3	26.5	*	38.5
	Part-time	4.1	*	5.7	*	6.1	*	7.2	*	85.8
	Not attending	23.3	4.2	27.5	3.6	31.1	*	34.2	11.6	91.1
	Total	30.1	11.2	41.2	6.2	47.5	20.3	67.8	13.1	70.0
Part-time	Full-time	*	*	4.8	*	5.3	4.0	9.2	*	57.0
	Part-time	147.2	25.3	172.5	5.1	177.6	33.9	211.5	2.9	84.0
	Not attending	192.8	45.4	238.3	12.3	250.6	53.5	304.0	4.9	82.4
	Total	342.2	73.4	415.5	17.9	433.4	91.3	524.8	4.1	82.6
Did not attend	Full-time	*	*	6.1	*	6.8	9.6	16.4	*	41.4
	Part-time	103.0	24.1	127.1	6.3	133.4	31.6	165.0	4.7	80.8
	Not attending	3,613.8	762.3	4,376.1	297.9	4,674.1	2,196.1	6,870.2	6.4	68.0
	Total	3,719.8	789.6	4,509.4	304.9	4,814.3	2,237.4	7,051.6	6.3	68.3
Total	Full-time	7.8	11.1	18.9	*	22.2	29.8	52.1	*	42.7
	Part-time	254.2	51.1	305.3	11.9	317.1	66.5	383.7	3.7	82.7
	Not attending	3,830.0	812.0	4,641.9	313.8	4,955.8	2,252.7	7,208.4	6.3	68.8
	Total	4,092.0	874.2	4,966.2	329.0	5,295.1	2,349.0	7,644.2	6.2	69.3
<b>TOTAL</b>										
Full-time	Full-time	13.0	173.1	186.1	46.4	232.5	537.1	769.6	20.0	30.2
	Part-time	52.9	9.5	62.4	8.9	71.4	*	74.8	12.5	95.5
	Not attending	175.2	26.5	201.7	53.6	255.3	15.2	270.5	21.0	94.4
	Total	241.1	209.1	450.2	109.0	559.2	555.7	1,114.9	19.5	50.2
Part-time	Full-time	*	3.8	6.5	*	7.6	8.2	15.8	*	48.2
	Part-time	258.0	34.3	292.3	9.2	301.5	37.1	338.6	3.1	89.0
	Not attending	293.9	51.3	345.2	23.3	368.4	59.3	427.8	6.3	86.1
	Total	554.5	89.4	644.0	33.6	677.6	104.6	782.2	5.0	86.6
Did not attend	Full-time	4.8	6.2	11.0	4.0	15.0	19.9	34.9	26.4	43.1
	Part-time	151.5	28.9	180.4	12.6	193.0	34.8	227.7	6.5	84.7
	Not attending	4,434.8	830.7	5,265.5	447.4	5,712.9	2,365.2	8,078.1	7.8	70.7
	Total	4,591.1	865.8	5,456.9	464.0	5,920.9	2,419.8	8,340.7	7.8	71.0
Total	Full-time	20.5	183.1	203.6	51.5	255.2	565.2	820.3	20.2	31.1
	Part-time	462.4	72.7	535.1	30.7	565.9	75.3	641.1	5.4	88.3
	Not attending	4,903.9	908.5	5,812.3	524.3	6,336.7	2,439.7	8,776.4	8.3	72.2
	Total	5,386.8	1,164.3	6,551.1	606.6	7,157.7	3,080.2	10,237.9	8.5	69.9

**TABLE 8. PERSONS AGED 15 TO 64 WHO ATTENDED SCHOOL IN 1984: TYPE OF ATTENDANCE AT SCHOOL IN 1984, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF EDUCATIONAL INSTITUTION ATTENDING, TYPE OF ATTENDANCE AND LABOUR FORCE STATUS, MAY 1985**

Type of attendance at school in 1984	Type of educational institution attending	Type of attendance	Employed			Unem- ployed	In the labour force	Not in the labour force	Total	Unem- ployment rate (per cent)	
			Full-time	Part-time	Total						
— '000—											
Full-time	Attending School	Full-time	40.7	132.2	172.9	41.6	214.4	446.2	660.6	19.4	
		Part-time	*	109.9	112.5	32.3	144.8	401.3	546.2	22.3	
		Total	*	*	*	*	*	*	*	*	*
	Tertiary	Full-time	*	110.2	113.5	32.6	146.2	401.3	547.5	22.3	
		Part-time	*	18.0	20.7	5.6	26.3	44.0	70.4	21.4	
		Total	34.6	4.0	38.6	*	41.9	*	42.7	*	
Not attending	Full-time	37.3	22.0	59.3	8.9	68.3	44.8	113.1	13.1		
	Total	94.6	18.0	112.6	34.4	147.0	8.1	155.1	23.4		
<b>Total</b>			<b>135.3</b>	<b>150.1</b>	<b>285.4</b>	<b>76.0</b>	<b>361.4</b>	<b>454.3</b>	<b>815.7</b>	<b>21.0</b>	
Part-time	Attending School	Full-time	4.4	*	5.3	*	5.9	*	6.7	*	
		Part-time	*	*	*	*	3.5	*	4.1	*	
	Tertiary	Full-time	*	*	*	*	*	*	*	*	
		Part-time	7.4	*	10.1	*	11.2	4.1	15.3	*	
<b>Total</b>			<b>11.8</b>	<b>3.7</b>	<b>15.5</b>	<b>*</b>	<b>17.1</b>	<b>4.9</b>	<b>22.0</b>	<b>*</b>	
Total	Attending School	Full-time	45.1	133.1	178.2	42.1	220.3	447.0	667.3	19.1	
		Part-time	*	109.9	112.5	32.3	144.8	401.3	546.2	22.3	
		Total	*	*	4.2	*	4.9	*	5.4	*	
	Tertiary	Full-time	6.0	110.8	116.8	32.9	149.7	401.8	551.6	22.0	
		Part-time	*	18.0	20.7	5.6	26.3	44.2	70.6	21.4	
		Total	36.4	4.3	40.7	3.5	44.3	*	45.2	8.0	
	Not attending	Full-time	39.2	22.3	61.4	9.2	70.6	45.2	115.8	13.0	
		Total	101.9	20.7	122.7	35.5	158.2	12.2	170.4	22.4	
	<b>Total</b>			<b>147.1</b>	<b>153.8</b>	<b>300.9</b>	<b>77.6</b>	<b>378.5</b>	<b>459.2</b>	<b>837.7</b>	<b>20.5</b>

**TABLE 9. PERSONS AGED 15 TO 64 WHO ATTENDED A TERTIARY INSTITUTION IN 1984: TYPE OF TERTIARY ATTENDANCE IN 1984, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF EDUCATIONAL INSTITUTION ATTENDING, TYPE OF ATTENDANCE AND LABOUR FORCE STATUS, MAY 1985**

Type of tertiary attendance in 1984	Type of educational institution attending	Type of attendance	Employed			Unem- ployed	In the labour force	Not in the labour force	Total	Unem- ployment rate (per cent)
			Full-time	Part-time	Total					
— '000—										
Full-time	Attending(a) Tertiary	Full-time	25.3	50.4	75.7	13.8	89.5	94.3	183.8	15.4
		Part-time	7.7	44.6	52.3	8.5	60.8	91.3	152.1	13.9
		Total	17.1	5.3	22.4	5.2	27.6	*	30.2	18.7
	Not attending	Full-time	24.9	49.9	74.8	13.6	88.4	93.9	182.3	15.4
		Total	80.6	8.5	89.1	19.2	108.3	7.1	115.4	17.8
<b>Total</b>			<b>105.8</b>	<b>59.0</b>	<b>164.8</b>	<b>33.0</b>	<b>197.8</b>	<b>101.4</b>	<b>299.2</b>	<b>16.7</b>
Part-time	Attending(a) Tertiary	Full-time	256.2	37.2	293.4	9.8	303.3	44.4	347.7	3.3
		Part-time	*	3.7	6.4	*	7.5	8.0	15.5	*
		Total	252.6	33.4	286.1	8.7	294.7	36.3	331.1	3.0
	Not attending	Full-time	255.3	37.1	292.4	9.8	302.3	44.3	346.6	3.3
		Total	286.6	48.5	335.0	22.2	357.2	55.3	412.5	6.2
<b>Total</b>			<b>542.8</b>	<b>85.7</b>	<b>628.5</b>	<b>32.0</b>	<b>660.5</b>	<b>99.7</b>	<b>760.2</b>	<b>4.9</b>
Total	Attending(a) Tertiary	Full-time	281.5	87.7	369.2	23.6	392.8	138.8	531.5	6.0
		Part-time	10.4	48.3	58.7	9.6	68.3	99.3	167.6	14.1
		Total	269.8	38.7	308.5	13.9	322.3	38.9	361.3	4.3
	Not attending	Full-time	280.2	87.0	367.2	23.5	390.7	138.2	528.9	6.0
		Total	367.1	57.0	424.1	41.4	465.6	62.4	527.9	8.9
<b>Total</b>			<b>648.6</b>	<b>144.7</b>	<b>793.3</b>	<b>65.0</b>	<b>858.3</b>	<b>201.1</b>	<b>1,059.5</b>	<b>7.6</b>

(a) Includes a small number of persons who were attending school at May 1985.

**TABLE 10. PERSONS AGED 15 TO 24 : WHETHER ATTENDED AN EDUCATIONAL INSTITUTION, TYPE OF ATTENDANCE AND TYPE OF EDUCATIONAL INSTITUTION ATTENDED IN 1984, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION AND TYPE OF EDUCATIONAL INSTITUTION ATTENDING, MAY 1985**  
(\* 000)

In 1984	Type of educational institution attending					Total	Not attending	Total
	School	University	CAE	TAFE/ Technical College	Other			
Attended—								
School—								
Full-time	547.3	24.7	18.6	60.2	9.2	659.9	154.9	814.8
Part-time	*	*	*	*	*	*	3.8	7.1
Total	548.9	24.7	18.8	61.3	9.7	663.3	158.7	821.9
University—								
Full-time	*	69.6	*	*	*	76.0	18.7	94.7
Part-time	*	8.0	*	*	*	8.3	5.2	13.6
Total	*	77.7	*	*	*	84.4	23.9	108.3
CAE—								
Full-time	*	*	42.7	*	*	44.4	15.0	59.4
Part-time	*	*	18.4	*	*	19.1	9.2	28.3
Total	*	*	61.1	*	*	63.5	24.2	87.7
TAFE/Technical College—								
Full-time	*	*	*	21.2	*	24.3	33.5	57.8
Part-time	*	*	*	91.7	*	93.6	91.8	185.4
Total	*	*	*	112.9	*	117.9	125.3	243.2
Other—								
Full-time	*	*	*	*	3.9	6.1	14.3	20.4
Part-time	*	*	*	*	7.2	9.4	13.7	23.1
Total	*	*	*	*	11.1	15.5	28.0	43.5
Total—								
Full-time	548.5	95.8	66.3	85.4	14.9	810.8	236.4	1,047.1
Part-time	*	8.7	19.5	94.7	8.7	133.8	123.7	257.5
Total	550.6	104.5	85.8	180.0	23.5	944.5	360.1	1,304.6
Did not attend	*	7.7	8.8	51.5	10.4	81.2	1,207.9	1,289.1
<b>Total</b>	<b>553.4</b>	<b>112.2</b>	<b>94.7</b>	<b>231.6</b>	<b>33.9</b>	<b>1,025.7</b>	<b>1,568.0</b>	<b>2,593.7</b>

**TABLE 11. PERSONS AGED 15 TO 24 WHO ATTENDED SCHOOL IN 1984 BUT WERE NOT ATTENDING SCHOOL AT MAY 1985 : TYPE OF SCHOOL LAST ATTENDED, WHETHER ATTENDING A TERTIARY INSTITUTION, TYPE OF ATTENDANCE AND TYPE OF TERTIARY INSTITUTION ATTENDING, MAY 1985**  
(\* 000)

	Government/ State	Roman Catholic	Other	Total
<b>MALES</b>				
Attending—				
Full-time	19.4	4.2	6.0	29.7
Part-time	23.0	4.8	*	30.0
Total	42.4	9.0	8.3	59.7
Not attending	69.7	8.5	*	81.5
<b>Total</b>	<b>112.1</b>	<b>17.6</b>	<b>11.6</b>	<b>141.2</b>
<b>FEMALES</b>				
Attending—				
Full-time	25.9	8.9	5.6	40.5
Part-time	10.9	*	*	14.2
Total	36.8	10.8	7.1	54.7
Not attending	64.6	9.1	*	77.2
<b>Total</b>	<b>101.4</b>	<b>19.8</b>	<b>10.6</b>	<b>131.8</b>
<b>PERSONS</b>				
Attending—				
University—				
Full-time	11.3	5.1	7.1	23.5
Part-time	*	*	*	*
Total	12.0	5.4	7.3	24.7
CAE—				
Full-time	11.9	*	*	16.1
Part-time	*	*	*	*
Total	14.1	*	*	18.8
TAFE/Technical College—				
Full-time	19.1	4.0	*	25.3
Part-time	27.3	5.6	*	35.9
Total	46.4	9.6	5.3	61.3
Other—				
Full-time	*	*	*	5.2
Part-time	3.7	*	*	4.5
Total	6.8	*	*	9.7
Total—				
Full-time	45.4	13.2	11.6	70.2
Part-time	33.8	6.6	3.8	44.2
Total	79.2	19.8	15.4	114.4
Not attending	134.3	17.6	6.8	158.7
<b>Total</b>	<b>213.5</b>	<b>37.4</b>	<b>22.2</b>	<b>273.0</b>

**TABLE 12. PERSONS AGED 15 TO 24 WHO ATTENDED SCHOOL IN 1984 BUT WERE NOT ATTENDING SCHOOL AT MAY 1985: TYPE OF SCHOOL LAST ATTENDED, WHETHER ATTENDING A TERTIARY INSTITUTION, TYPE OF ATTENDANCE AND LABOUR FORCE STATUS, MAY 1985**

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—									
<b>ATTENDING TERTIARY FULL-TIME</b>									
<b>Males—</b>									
Government/State	*	4.9	7.0	*	8.1	11.3	19.4	*	41.7
Non-government	*	*	*	*	*	7.0	10.3	*	*
<b>Total</b>	*	7.0	9.4	*	11.4	18.3	29.7	*	38.3
<b>Females—</b>									
Government/State	*	5.3	5.6	*	8.0	17.9	25.9	*	31.0
Non-government	*	5.7	5.7	*	6.9	7.7	14.5	*	47.1
<b>Total</b>	*	11.0	11.3	3.6	14.9	25.6	40.5	24.2	36.8
<b>Persons—</b>									
Government/State	*	10.2	12.6	3.5	16.1	29.2	45.4	21.7	35.6
Non-government	*	7.8	8.1	*	10.1	14.7	24.8	*	40.9
<b>Total</b>	*	18.0	20.7	5.6	26.3	43.9	70.2	21.2	37.4
<b>ATTENDING TERTIARY PART-TIME</b>									
<b>Males—</b>									
Government/State	20.0	*	21.0	*	22.8	*	23.0	*	99.4
Non-government	5.0	*	6.6	*	6.9	*	7.0	*	98.6
<b>Total</b>	25.0	*	27.6	*	29.8	*	30.0	*	99.2
<b>Females—</b>									
Government/State	8.1	*	9.1	*	10.3	*	10.9	*	95.0
Non-government	*	*	*	*	*	*	*	*	*
<b>Total</b>	10.7	*	12.3	*	13.7	*	14.2	*	96.2
<b>Persons—</b>									
Government/State	28.1	*	30.1	*	33.1	*	33.8	*	98.0
Non-government	7.7	*	9.8	*	10.3	*	10.4	*	99.0
<b>Total</b>	35.8	4.1	39.9	3.5	43.4	*	44.2	8.1	98.2
<b>NOT ATTENDING TERTIARY</b>									
<b>Males—</b>									
Government/State	43.5	5.3	48.8	16.5	65.3	4.3	69.7	25.3	93.8
Non-government	7.3	*	8.4	*	11.5	*	11.9	*	96.6
<b>Total</b>	50.8	6.4	57.2	19.6	76.8	4.7	81.5	25.5	94.2
<b>Females—</b>									
Government/State	37.7	9.1	46.8	14.3	61.1	3.5	64.6	23.4	94.6
Non-government	8.1	*	10.7	*	11.8	*	12.5	*	94.2
<b>Total</b>	45.8	11.7	57.5	15.4	72.9	4.2	77.2	21.1	94.5
<b>Persons—</b>									
Government/State	81.2	14.4	95.6	30.9	126.4	7.9	134.3	24.4	94.2
Non-government	15.4	3.8	19.1	4.1	23.2	*	24.4	17.6	95.4
<b>Total</b>	96.6	18.1	114.7	35.0	149.7	9.0	158.7	23.4	94.3
<b>TOTAL</b>									
<b>Males—</b>									
Government/State	65.7	11.2	76.9	19.4	96.2	15.8	112.1	20.1	85.9
Non-government	12.6	4.8	17.4	4.3	21.7	7.5	29.2	19.7	74.4
<b>Total</b>	78.2	16.0	94.3	23.7	117.9	23.3	141.2	20.1	83.5
<b>Females—</b>									
Government/State	46.1	15.4	61.5	18.0	79.5	22.0	101.4	22.7	78.4
Non-government	10.7	8.9	19.6	*	22.0	8.4	30.4	*	72.3
<b>Total</b>	56.8	24.2	81.1	20.4	101.5	30.4	131.8	20.1	77.0
<b>Persons—</b>									
Government/State	111.8	26.6	138.3	37.4	175.7	37.8	213.5	21.3	82.3
Non-government	23.3	13.7	37.0	6.7	43.7	15.9	59.6	15.2	73.3
<b>Total</b>	135.1	40.3	175.3	44.1	219.4	53.7	273.0	20.1	80.4

**TABLE 13. PERSONS AGED 15 TO 24 WHO ATTENDED AN EDUCATIONAL INSTITUTION FULL-TIME IN 1984 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1984, WHETHER CONTINUING FULL-TIME EDUCATION, AND WHETHER ATTENDING SAME TYPE OF EDUCATIONAL INSTITUTION AS IN 1984, MAY 1985**

Type of educational institution attended full-time in 1984	Continuing full-time education			Leavers		Total (' 000)
	Same type of educational institution as in 1984	Different type of educational institution than in 1984 — '000—	Total	Number	Proportion of total (per cent)	
<b>Males—</b>						
School	276.5	29.7	306.2	110.2	26.5	416.4
University	35.2	*	38.2	14.5	27.5	52.6
CAE	17.9	*	18.5	10.8	36.8	29.3
TAFE/Technical College	7.7	*	9.2	26.3	74.1	35.4
Other	*	*	*	3.7	73.4	5.0
<b>Total</b>	<b>338.0</b>	<b>35.4</b>	<b>373.4</b>	<b>165.4</b>	<b>30.7</b>	<b>538.8</b>
<b>Females—</b>						
School	269.4	40.3	309.6	88.8	22.3	398.4
University	30.5	*	32.1	10.0	23.7	42.0
CAE	18.3	*	18.6	11.5	38.4	30.1
TAFE/Technical College	5.7	*	6.3	16.1	71.9	22.4
Other	*	*	*	12.2	79.2	15.4
<b>Total</b>	<b>326.1</b>	<b>43.7</b>	<b>369.8</b>	<b>138.6</b>	<b>27.3</b>	<b>508.3</b>
<b>Persons—</b>						
School	545.9	69.9	615.9	198.9	24.4	814.8
University	65.7	4.5	70.2	24.5	25.8	94.7
CAE	36.2	*	37.1	22.3	37.6	59.4
TAFE/Technical College	13.4	*	15.5	42.4	73.2	57.8
Other	*	*	4.5	15.9	77.8	20.4
<b>Total</b>	<b>664.1</b>	<b>79.1</b>	<b>743.2</b>	<b>304.0</b>	<b>29.0</b>	<b>1,047.1</b>

**TABLE 14. PERSONS AGED 15 TO 24 WHO WERE NOT ATTENDING AN EDUCATIONAL INSTITUTION FULL-TIME: YEAR LAST ATTENDED FULL-TIME AND LABOUR FORCE STATUS, MAY 1985**

Year last attended full-time	Employed	Unemployed	In the labour force — '000—	Not in the labour force	Total	Unemployment rate —per cent—	Participation rate
<b>MALES</b>							
Before 1976	13.4	4.4	17.8	*	18.4	24.6	96.7
1976	37.3	5.6	42.9	*	45.0	13.2	95.5
1977	52.5	7.9	60.3	*	62.4	13.0	96.7
1978	85.4	10.9	96.3	3.7	100.0	11.4	96.3
1979	80.6	14.3	94.9	*	98.2	15.1	96.7
1980	101.1	13.8	115.0	*	118.2	12.0	97.2
1981	91.4	12.4	103.8	*	106.8	11.9	97.2
1982	85.0	11.0	96.0	*	99.4	11.5	96.6
1983	98.1	16.2	114.3	3.6	117.9	14.2	97.0
1984 or early 1985	126.0	33.9	159.8	6.7	166.5	21.2	96.0
<b>Total</b>	<b>770.9</b>	<b>130.4</b>	<b>901.3</b>	<b>31.6</b>	<b>932.8</b>	<b>14.5</b>	<b>96.6</b>
<b>FEMALES</b>							
Before 1976	9.2	*	11.8	10.3	22.1	*	53.5
1976	22.3	4.0	26.3	14.5	40.8	15.3	64.6
1977	35.2	4.7	39.9	23.0	62.9	11.8	63.4
1978	62.4	5.7	68.0	26.5	94.5	8.3	72.0
1979	73.9	8.1	82.0	24.9	106.9	9.8	76.7
1980	76.6	9.5	86.0	22.5	108.6	11.0	79.2
1981	74.0	10.3	84.3	13.4	97.7	12.2	86.3
1982	79.7	12.7	92.4	12.5	104.9	13.7	88.1
1983	89.5	16.5	106.1	8.7	114.8	15.6	92.5
1984 or early 1985	106.5	24.9	131.4	7.9	139.4	19.0	94.3
<b>Total</b>	<b>629.4</b>	<b>99.0</b>	<b>728.4</b>	<b>164.2</b>	<b>892.6</b>	<b>13.6</b>	<b>81.6</b>
<b>PERSONS</b>							
Before 1976	22.6	7.0	29.6	10.9	40.5	23.6	73.1
1976	59.6	9.7	69.2	16.5	85.7	14.0	80.8
1977	87.7	12.6	100.2	25.1	125.3	12.5	80.0
1978	147.8	16.6	164.4	30.2	194.6	10.1	84.5
1979	154.6	22.4	176.9	28.2	205.1	12.6	86.3
1980	177.7	23.3	201.0	25.8	226.8	11.6	88.6
1981	165.4	22.7	188.1	16.3	204.4	12.1	92.0
1982	164.7	23.7	188.5	15.9	204.3	12.6	92.2
1983	187.7	32.8	220.4	12.3	232.7	14.9	94.7
1984 or early 1985	232.5	58.8	291.3	14.6	305.9	20.2	95.2
<b>Total</b>	<b>1,400.2</b>	<b>229.4</b>	<b>1,629.6</b>	<b>195.8</b>	<b>1,825.4</b>	<b>14.1</b>	<b>89.3</b>

**TABLE 15. LEAVERS AGED 15 TO 64 : LABOUR FORCE STATUS AND AGE, MAY 1985**  
 (' 000)

	15 to 19 years			20 to 24 years			Total(a)		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
In the labour force—	124.5	104.9	229.3	34.3	25.8	60.1	180.4	146.3	326.7
Employed	99.4	84.5	184.0	25.8	21.2	46.9	144.8	119.3	264.1
Full-time	89.0	70.4	159.4	23.3	18.1	41.3	129.6	98.5	228.1
Part-time	10.5	14.1	24.6	*	*	5.6	15.2	20.8	36.0
Unemployed	25.0	20.3	45.4	8.6	4.6	13.2	35.6	27.0	62.6
Not in the labour force	5.0	5.7	10.7	*	*	3.9	7.7	10.9	18.6
<b>Total</b>	<b>129.4</b>	<b>110.6</b>	<b>240.0</b>	<b>36.0</b>	<b>28.0</b>	<b>64.0</b>	<b>188.2</b>	<b>157.1</b>	<b>345.3</b>

(a) Includes leavers aged 25 to 64.

**TABLE 16. LEAVERS AGED 15 TO 64 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1984 AND AGE, MAY 1985**  
 (' 000)

Type of educational institution attended in 1984	15 to 24 years			25 to 64 years			Total		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
School	110.2	88.8	198.9	*	*	*	110.2	89.0	199.1
University	14.5	10.0	24.5	7.3	4.4	11.7	21.8	14.4	36.1
CAE	10.8	11.5	22.3	*	3.5	6.7	14.1	15.0	29.1
TAFE/Technical College	26.3	16.1	42.4	4.6	5.0	9.6	30.9	21.1	52.0
Other	3.7	12.2	15.9	7.6	5.5	13.1	11.3	17.6	29.0
<b>Total</b>	<b>165.4</b>	<b>138.6</b>	<b>304.0</b>	<b>22.8</b>	<b>18.6</b>	<b>41.3</b>	<b>188.2</b>	<b>157.1</b>	<b>345.3</b>

**TABLE 17. LEAVERS AGED 15 TO 64 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1984 AND LABOUR FORCE STATUS, MAY 1985**

Type of educational institution attended in 1984	Employed			Unemployed	In the labour force	Not in the labour force	Total	Unemployment rate	Participation rate
	Full-time	Part-time	Total						
				— ' 000 —			— per cent —		
School	130.0	22.2	152.2	38.0	190.2	8.9	199.1	20.0	95.5
University	26.3	3.6	29.9	4.3	34.2	*	36.1	12.4	94.5
CAE	18.0	4.8	22.7	4.4	27.1	*	29.1	16.2	93.4
TAFE/Technical College	33.7	*	36.8	11.2	48.0	3.9	52.0	23.4	92.4
Other	20.2	*	22.4	4.7	27.1	*	29.0	17.3	93.7
<b>Total</b>	<b>228.1</b>	<b>36.0</b>	<b>264.1</b>	<b>62.6</b>	<b>326.7</b>	<b>18.6</b>	<b>345.3</b>	<b>19.2</b>	<b>94.6</b>

**TABLE 18. LEAVERS AGED 15 TO 24 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1984, TIME OF LEAVING FULL-TIME EDUCATION AND AGE, MAY 1985**  
 (' 000)

Time of leaving	15 to 19 years			15 to 24 years		
	Males	Females	Persons	Males	Females	Persons
ATTENDED SCHOOL IN 1984						
January-June 1984	14.5	10.8	25.3	14.9	11.0	25.9
July-October 1984	12.4	12.3	24.6	12.7	12.3	24.9
November 1984	42.9	40.7	83.5	43.0	41.1	84.0
December 1984	29.4	18.6	48.1	29.9	19.0	48.9
January-May 1985	9.7	5.4	15.2	9.7	5.4	15.2
<b>Total</b>	<b>108.9</b>	<b>87.8</b>	<b>196.6</b>	<b>110.2</b>	<b>88.8</b>	<b>198.9</b>
ATTENDED TERTIARY INSTITUTION IN 1984						
January-June 1984	*	4.4	7.1	7.3	6.4	13.7
July-October 1984	4.2	4.8	9.1	9.9	8.6	18.5
November 1984	9.1	9.7	18.8	26.8	23.9	50.7
December 1984	4.2	*	7.4	9.7	9.0	18.7
January-May 1985	*	*	*	*	*	*
<b>Total</b>	<b>20.6</b>	<b>22.8</b>	<b>43.3</b>	<b>55.2</b>	<b>49.8</b>	<b>105.0</b>
TOTAL						
January-June 1984	17.1	15.2	32.4	22.1	17.4	39.6
July-October 1984	16.6	17.1	33.7	22.6	20.9	43.4
November 1984	52.0	50.3	102.3	69.8	64.9	134.7
December 1984	33.6	21.9	55.5	39.6	28.0	67.6
January-May 1985	10.1	6.0	16.1	11.3	7.3	18.6
<b>Total</b>	<b>129.4</b>	<b>110.6</b>	<b>240.0</b>	<b>165.4</b>	<b>138.6</b>	<b>304.0</b>

**TABLE 19. LEAVERS AGED 15 TO 24 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1984, AGE AT TIME OF LEAVING FULL-TIME EDUCATION AND WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, MAY 1985**  
( ' 000)

	Attended school in 1984			Attended any educational institution(a) in 1984		
	Males	Females	Persons	Males	Females	Persons
Age at time of leaving (years)—						
14 and under	*	*	4.2	*	*	4.2
15-19	107.9	86.0	193.9	133.2	111.2	244.4
15	26.0	18.9	44.9	26.5	19.5	45.9
16	39.2	29.9	69.1	42.6	35.3	77.9
17	29.3	26.3	55.6	34.9	33.6	68.5
18	11.3	9.7	21.1	19.2	17.4	36.6
19	*	*	*	10.0	5.4	15.4
20-24	*	*	*	30.3	25.1	55.4
Whether attending at May 1985—						
Attending part-time	30.2	13.8	44.1	45.2	22.4	67.6
Not attending	80.0	74.9	154.9	120.2	116.2	236.4
<b>Total</b>	<b>110.2</b>	<b>88.8</b>	<b>198.9</b>	<b>165.4</b>	<b>138.6</b>	<b>304.0</b>

(a) Includes school.

**TABLE 20. EMPLOYED LEAVERS AGED 15 TO 24 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1984, INDUSTRY AND FULL-TIME OR PART-TIME STATUS, MAY 1985**  
( ' 000)

	Attended school in 1984			Attended any educational institution(a) in 1984		
	Males	Females	Persons	Males	Females	Persons
Industry—						
Agriculture, forestry, fishing and hunting	5.4	*	6.9	6.2	*	8.6
Manufacturing	22.0	5.9	27.9	30.6	10.1	40.6
Construction	10.2	*	10.4	14.5	*	14.9
Wholesale and retail trade	23.0	27.3	50.3	30.2	31.1	61.3
Transport and storage; communication	4.8	*	5.8	7.6	*	10.3
Finance, property and business services	7.9	12.6	20.5	13.6	20.7	34.4
Community services	3.5	7.3	10.8	8.8	19.7	28.5
Recreation, personal and other services	4.7	8.7	13.4	6.7	11.9	18.6
Other(b)	*	*	6.0	7.1	6.6	13.8
Full-time or part-time status—						
Full-time workers	75.1	54.9	130.0	112.3	88.5	200.7
Part-time workers	9.1	12.8	22.0	13.0	17.2	30.2
<b>Total</b>	<b>84.2</b>	<b>67.8</b>	<b>152.0</b>	<b>125.2</b>	<b>105.7</b>	<b>230.9</b>

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

**TABLE 21. EMPLOYED LEAVERS AGED 15 TO 24 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED FULL-TIME IN 1984 AND OCCUPATION, MAY 1985**  
( ' 000)

Occupation	Attended school in 1984			Attended any educational institution(a) in 1984		
	Males	Females	Persons	Males	Females	Persons
Professional, technical, etc.	*	*	3.5	11.3	13.9	25.2
Administrative, executive and managerial	*	*	*	*	*	*
Clerical	10.0	33.0	43.0	16.2	49.9	66.1
Sales	7.3	16.4	23.7	10.2	18.5	28.7
Farmers, fisherpersons and timbergetters	6.4	*	7.7	8.2	*	10.2
Transport and communication	*	*	*	*	*	*
Trades and production-process workers and labourers, n.e.c. and miners and quarry workers	52.0	5.2	57.2	69.0	6.2	75.2
Service, sport and recreation	4.8	10.3	15.1	7.8	14.4	22.2
<b>Total</b>	<b>84.2</b>	<b>67.8</b>	<b>152.0</b>	<b>125.2</b>	<b>105.7</b>	<b>230.9</b>

(a) Includes school.

**TABLE 22. APPRENTICES : FIELD OF TRADE, MAY 1983 TO MAY 1985**  
( ' 000)

Field of trade	1983		1984		1985	
	Males	Persons(a)	Males	Persons(b)	Males	Persons(c)
Metal	35.2	35.3	30.8	31.1	30.3	30.3
Electrical	22.8	23.2	18.2	18.2	21.6	22.0
Building(d)	28.2	28.2	25.5	25.9	26.1	26.2
Service	*	11.0	*	11.7	*	14.2
Food and drink	10.9	12.8	8.7	10.1	9.1	10.8
Printing	*	*	*	3.7	3.7	4.1
Mechanical, automotive	19.4	19.6	20.2	20.2	21.1	21.1
Other(e)	15.7	17.7	17.9	21.0	16.2	19.0
<b>Total</b>	<b>137.7</b>	<b>151.1</b>	<b>127.5</b>	<b>142.0</b>	<b>129.7</b>	<b>147.8</b>

(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 furniture making. (e) Includes footwear, clothing and textiles.

**TABLE 23. APPRENTICES : YEAR OF APPRENTICESHIP AND FIELD OF TRADE, MAY 1985**  
(\* 000)

Field of trade	Year of apprenticeship				Total
	First	Second	Third	Fourth(a)	
<b>MALES</b>					
Metal	6.4	6.3	6.5	11.1	30.3
Electrical	6.5	5.9	3.6	5.6	21.6
Building(b)	10.4	6.5	3.7	5.6	26.1
Service	*	*	*	*	*
Food and drink	3.7	*	*	*	9.1
Printing	*	*	*	*	3.7
Mechanical, automotive	6.3	4.6	5.4	4.8	21.1
Other(c)	5.3	4.2	*	3.6	16.2
<b>Total</b>	<b>40.0</b>	<b>30.8</b>	<b>25.0</b>	<b>33.9</b>	<b>129.7</b>
<b>PERSONS(e)</b>					
Metal	6.4	6.3	6.5	11.1	30.3
Electrical	6.7	5.9	3.6	5.8	22.0
Building(b)	10.5	6.5	3.7	5.6	26.2
Service(d)	5.0	4.9	*	*	14.2
Food and drink	3.8	*	*	*	10.8
Printing	*	*	*	*	4.1
Mechanical, automotive	6.3	4.6	5.4	4.8	21.1
Other(c)	6.0	5.3	*	4.2	19.0
<b>Total</b>	<b>46.0</b>	<b>36.9</b>	<b>28.2</b>	<b>36.7</b>	<b>147.8</b>

(a) Includes a small number of fifth year apprentices. (b) Includes furniture making. (c) Includes footwear, clothing and textiles. (d) Includes 12,600 females. (e) Includes 18,100 females.

**TABLE 24. APPRENTICES : SUMMARY OF CHARACTERISTICS AND YEAR OF APPRENTICESHIP, MAY 1985**  
(\* 000)

	Year of apprenticeship				Total
	First	Second	Third	Fourth(a)	
<b>State—</b>					
N.S.W.	16.9	14.0	11.3	12.6	54.8
Vic.	14.1	10.8	6.5	9.6	41.0
Qld	5.7	5.2	3.5	6.7	21.2
S.A.	2.6	3.0	2.0	2.0	9.6
W.A.	4.1	2.7	3.3	4.5	14.7
Tas.	2.2	1.0	*	*	4.7
N.T.	*	*	*	*	*
A.C.T.	*	*	*	*	*
<b>Age (years)—</b>					
15-19	43.5	31.5	18.6	16.3	109.9
15	3.6	*	*	*	3.9
16	14.1	*	*	*	16.4
17	15.0	9.7	*	*	27.0
18	7.7	13.5	7.8	*	31.9
19	*	5.8	8.4	13.4	30.7
20-24	*	5.2	9.1	20.0	36.4
25-34	*	*	*	*	*
<b>Birthplace—</b>					
Born in Australia	40.6	34.5	25.9	33.5	134.5
Born outside Australia	5.4	*	*	*	13.2
<b>Age at time of leaving full-time education (years)—</b>					
15-19	42.1	34.9	26.1	34.0	137.1
15	12.6	8.0	6.2	7.9	34.6
16	17.2	17.0	11.9	15.8	61.9
17	8.9	5.8	5.7	5.1	25.5
18	*	3.8	*	*	12.0
19	*	*	*	*	*
Other(b)	3.9	*	*	*	10.7
<b>Type of school last attended—</b>					
Government/State	37.1	28.9	21.9	31.3	119.3
Non-government	8.5	7.7	5.8	4.9	27.0
Not asked(c)	*	*	*	*	*
<b>Industry—</b>					
Manufacturing	11.6	12.5	8.6	15.5	48.3
Electricity, gas and water	*	*	*	*	5.4
Construction	9.3	5.9	*	4.9	23.1
Wholesale and retail trade	10.0	5.6	7.8	6.2	29.6
Transport and storage; communication	*	*	*	*	6.6
Community services	*	*	*	*	6.4
Recreation, personal and other services	7.0	5.8	3.7	*	19.1
Other(d)	*	*	*	*	9.4
<b>Sector—</b>					
Government	7.3	6.8	6.2	6.9	27.3
Non-government(e)	38.6	30.0	22.0	29.8	120.5
<b>Total</b>	<b>46.0</b>	<b>36.9</b>	<b>28.2</b>	<b>36.7</b>	<b>147.8</b>

(a) Includes a small number of fifth year apprentices. (b) Comprises persons who left at age 10 to 14 or 20 to 24 and persons aged 25 to 34 who were not asked the age at which they left full-time education. (c) Comprises persons aged 25 to 34. (d) Includes agriculture, etc.; mining; 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 25. APPRENTICES : SUMMARY OF CHARACTERISTICS AND FIELD OF TRADE, MAY 1985  
( ' 000)

	Field of trade								Total
	Metal	Electrical	Building(a)	Service	Food and drink	Printing	Mechanical, automotive	Other(b)	
State—									
N.S.W.	12.1	7.7	8.2	5.5	*	*	9.6	8.2	54.8
Vic.	7.6	6.6	7.7	*	*	*	4.3	6.3	41.0
Qld	4.2	3.2	4.8	*	*	*	*	*	21.2
S.A.	1.8	*	*	*	*	*	*	*	9.6
W.A.	3.3	2.1	2.4	*	*	*	2.5	*	14.7
Tas.	1.0	*	1.4	*	*	*	*	*	4.7
N.T.	*	*	*	*	*	*	*	*	*
A.C.T.	*	*	*	*	*	*	*	*	*
Age (years)—									
15-19	23.2	14.8	20.2	12.1	8.5	*	15.8	12.3	109.9
15	*	*	*	*	*	*	*	*	3.9
16	*	*	*	*	*	*	3.5	*	16.4
17	4.7	3.9	4.4	4.4	*	*	3.8	*	27.0
18	7.2	5.6	5.0	*	*	*	3.7	4.3	31.9
19	7.4	4.0	6.4	*	*	*	4.8	*	30.7
20-24	7.0	6.9	5.9	*	*	*	5.0	6.3	36.4
25-34	*	*	*	*	*	*	*	*	*
Birthplace—									
Born in Australia	28.0	19.2	24.0	13.2	9.8	4.0	18.6	17.7	134.5
Born outside Australia	*	*	*	*	*	*	*	*	13.2
Age at time of leaving full-time education (years)—									
15-19	28.5	20.5	24.1	13.1	10.1	*	19.6	17.9	137.1
15	6.4	3.6	6.3	4.9	3.8	*	5.7	*	34.6
16	14.9	8.5	11.9	4.7	5.1	*	8.9	6.5	61.9
17	4.9	5.2	*	*	*	*	3.7	4.5	25.5
18	*	*	*	*	*	*	*	3.7	12.0
19	*	*	*	*	*	*	*	*	*
Other(c)	*	*	*	*	*	*	*	*	10.7
Type of school last attended—									
Government/State	26.9	18.0	20.0	10.8	8.2	*	16.6	15.8	119.3
Non-government	*	3.8	6.0	*	*	*	4.2	*	27.0
Not asked(d)	*	*	*	*	*	*	*	*	*
Industry—									
Manufacturing	23.3	6.2	6.0	*	*	3.8	*	5.9	48.3
Electricity, gas and water	*	*	*	*	*	*	*	*	5.4
Construction	*	4.2	15.7	*	*	*	*	*	23.1
Wholesale and retail trade	*	*	*	*	5.1	*	16.2	*	29.6
Transport and storage; communication	*	*	*	*	*	*	*	*	6.6
Community services	*	*	*	*	*	*	*	*	6.4
Recreation, personal and other services	*	*	*	12.7	3.9	*	*	*	19.1
Other(e)	*	*	*	*	*	*	*	*	9.4
Sector—									
Government	5.9	8.1	4.3	*	*	*	*	5.7	27.3
Non-government(f)	24.4	13.9	21.9	13.7	10.4	4.1	18.8	13.3	120.5
<b>Total</b>	<b>30.3</b>	<b>22.0</b>	<b>26.2</b>	<b>14.2</b>	<b>10.8</b>	<b>4.1</b>	<b>21.1</b>	<b>19.0</b>	<b>147.8</b>

(a) Includes furniture making. (b) Includes footwear, clothing and textiles. (c) Comprises persons who left school at age 10 to 14 or 20 to 24 and 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—**

Whether attending an educational institution, type of educational institution attending and type of attendance—

Birthplace and year of arrival

Family status and age

Level of course in 1984 and age

Level of course and age

Whether attended an educational institution, type of educational institution attended and type of attendance in 1984 and age

### **Persons aged 15 to 64 who attended an educational institution in 1984—**

Whether attending same type of educational institution as in 1984, type of attendance and age

### **Persons aged 15 to 64 who attended an educational institution full-time in 1984—**

Type of educational institution attended full-time in 1984, whether attending an educational institution, type of educational institution attending, type of attendance, labour force status and age

### **Employed persons aged 15 to 64—**

Whether attended an educational institution, type of educational institution attended and type of attendance in 1984 and industry

### **Unemployed persons aged 15 to 64—**

Whether attended an educational institution, type of educational institution attended and type of attendance in 1984, age and whether had worked full-time

### **Persons aged 15 to 24—**

Age at time of leaving full-time education, birthplace and year of arrival

Whether attending an educational institution, type of educational institution attending, type of attendance, type of school last attended and labour force status

### **Leavers aged 15 to 64—**

Type of educational institution attended full-time in 1984 and age

Labour force status and age at time of leaving full-time education

### **Employed leavers aged 15 to 64—**

Type of educational institution attended full-time in 1984 and age

### **Unemployed leavers aged 15 to 64—**

Duration of unemployment—

Age at time of leaving full-time education

Duration of unemployment, type of educational institution attended full-time in 1984 and age

### **Apprentices—**

Year of apprenticeship, year last attended an educational institution full-time and age

Field of trade, whether attended an educational institution, type of educational institution attended and type of attendance in 1984

Whether attending an educational institution, type of educational institution attending and type of attendance

## TECHNICAL NOTE

### Estimation procedure

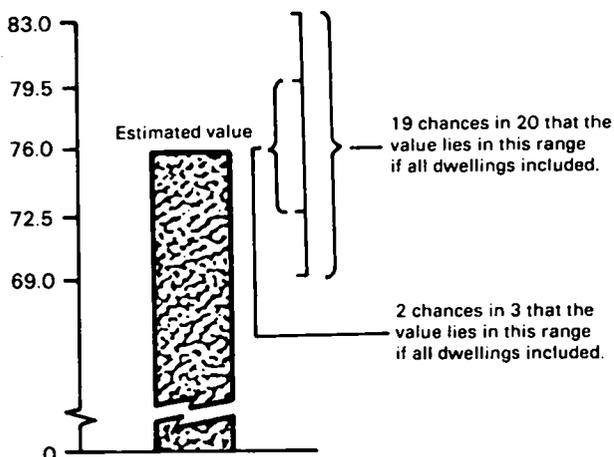
The estimates are derived from the population survey by use of a ratio estimation procedure, which ensures that the estimates conform to an independently estimated distribution of the population for each capital city and remainder of State by age and sex, rather than to the corresponding distribution 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 full-time during 1984 and who were attending an educational institution at May 1985 is 76,000. 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 3,500 (rounded to the nearest 100). Therefore, there are about two chances in three that the value that would have been produced if all dwellings had been included in the survey will fall in the range 72,500 to 79,500 and about nineteen chances in twenty that the value will fall within the range 69,000 to 83,000. 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 76,000 persons represent 80.3 per cent of the 94,700 persons who attended university full-time during 1984. The standard error of 94,700 is approximately 3,800 so the relative standard error is 4.0 per cent. The relative standard error for 76,000 is 4.6 per cent. Applying the above formula, the relative standard error of the proportion is  $\sqrt{(4.6)^2 + (4.0)^2}$  or 2.3 per cent, giving a standard error for the proportion (80.3 per cent) of 1.8 percentage points. Therefore, there are about two chances in three that the proportion of 15 to 24 year old full-time university students in 1984 attending an educational institution at May 1985 is between 78.5 per cent and 82.1 per cent and nineteen chances in twenty the proportion is within the range 76.7 per cent to 83.9 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	
	— 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				550	580	410	500	430		
3,500				690	750	590	620	440	530	450
4,000	950	960	800	620	660	460	560	470	880	23.4
4,500	1,000	1,000	840	650	690	480	590	500	930	21.9
5,000	1,050	1,050	880	690	720	500	610	510	980	20.7
6,000	1,150	1,150	960	740	780	540	650	550	1,100	19.6
10,000	1,450	1,450	1,200	920	970	660	790	650	1,400	17.9
20,000	2,000	1,950	1,650	1,200	1,300	860	1,050	810	1,950	13.9
50,000	2,900	2,850	2,350	1,700	1,800	1,150	1,450	1,050	2,950	9.7
100,000	3,850	3,700	3,050	2,200	2,300	1,450		1,250	3,950	5.9
200,000	5,100	4,750	3,950	2,750	2,950	1,750			5,300	4.0
300,000	5,900	5,500	4,500	3,100	3,350				6,200	2.6
500,000	7,200	6,500	5,300	3,650	3,900				7,500	2.1
1,000,000	9,200	8,100	6,600						9,700	1.5
2,000,000	11,600	9,900							12,300	1.0
5,000,000									16,500	0.6
10,000,000									20,300	0.3
12,000,000									21,400	0.2