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**TRANSITION FROM EDUCATION TO WORK
AUSTRALIA**

MAY 1984

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EXPLANATORY NOTES

Introduction

In association with the May 1984 labour force survey conducted throughout Australia, persons aged fifteen to sixty-four who had attended an educational institution in 1983 or were attending one at the time of the survey were asked about their labour force participation. Separate information was obtained about whether persons who were full-time students in 1983 were continuing their full-time education at May 1984. Information was also obtained about apprentices.

2. During the two weeks beginning Monday 7 May 1984, specially trained interviewers asked questions of those of the 71,000 respondents in the May labour force survey who fell within the scope of this survey.

3. A preliminary publication containing a summary of the results was issued on 30 August 1984.

4. 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.

Scope

5. This supplementary survey to the labour force survey includes all civilians aged fifteen to sixty-four except:

- (a) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- (b) overseas residents in Australia;
- (c) dependants of non-Australian defence forces personnel stationed in Australia;
- (d) persons permanently unable to work, some patients in hospitals and sanatoria and inmates of jails, reformatories etc.

Definitions

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

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

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

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

10. *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.

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

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

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

Population benchmarks

14. Following the change in official population estimates to a place of usual residence basis after the 1981 Census, the population benchmarks used in this survey are compiled according to place of usual residence. For an explanation of the new conceptual basis of population estimates see *The Labour Force, Australia* (6203.0).

15. The change from 1976 Population Census based benchmarks to 1981 Population Census based benchmarks has had little effect on the movement in the estimates between the May 1983 and May 1984 surveys.

Comparability of series

16. The scope of surveys prior to 1977 was restricted to persons aged fifteen to twenty-four and from 1977 to 1980 inclusive, fifteen to twenty-five. In 1981 the survey was expanded to include all persons aged fifteen to sixty-four. Care should therefore be exercised in comparing estimates from this survey for persons aged fifteen to twenty-four with those from previous surveys which relate to persons aged fifteen to twenty-five.

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 (\$1.10, \$1.90 incl. postage)

Labour Force Status and Educational Attainment, Australia, February 1984 (6235.0)

Labour Force Experience, Australia, During the Year Ending February 1984 (6206.0)

Persons Not in the Labour Force, Australia, (including persons who wanted to work but who were not defined as unemployed) September 1984, Preliminary (6219.0)

Job Search Experience of Unemployed Persons (excluding persons who were stood down), Australia, July 1984, 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

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

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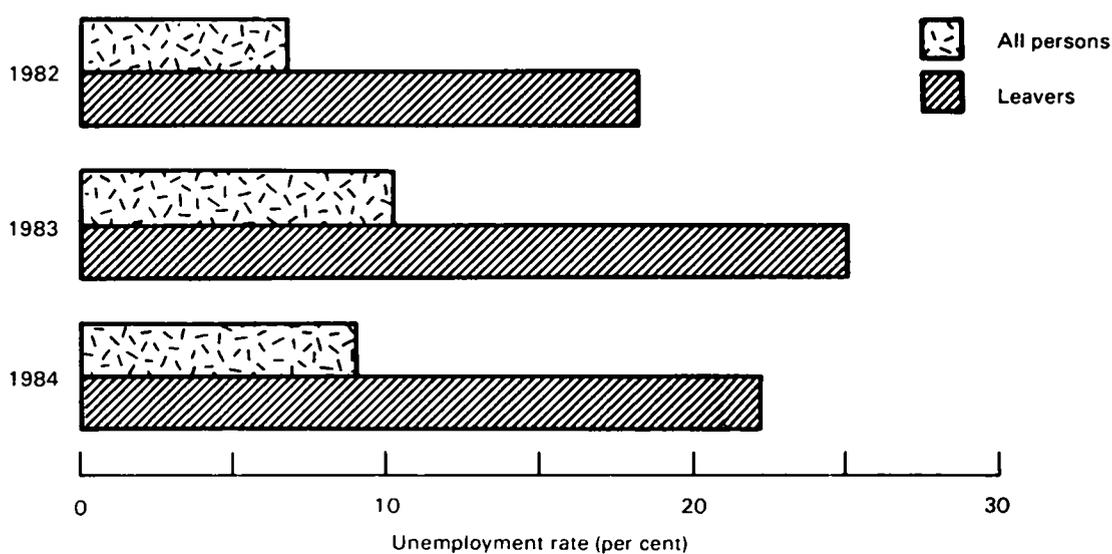
SUMMARY OF FINDINGS

An estimated 1,061,300 persons aged 15 to 64 attended an educational institution full-time in 1983. Of these, 69.1 per cent were attending full-time at May 1984 while the remaining 30.9 per cent were classified as leavers (i.e. were not continuing with full-time education).

At May 1984 the unemployment rate for leavers aged 15 to 64 was 22.2 per cent, which was higher than that for all persons in this age group (9.0 per cent). This continues the trend of recent years.

While there was an increase in the unemployment rate of leavers aged 15 to 64 between May 1982 and May 1983, there was little change in this rate at May 1984.

DIAGRAM 1. PERSONS AGED 15 TO 64 AND LEAVERS AGED 15 TO 64: UNEMPLOYMENT RATES
(Source of data: Tables 7 and 17)



Since 1981 unemployment rates for leavers from school aged 15 to 64 have been higher than those for leavers from tertiary institutions.

Unemployment rates for school leavers were similar in 1981 and 1982 at 17.8 per cent and 19.9 per cent respectively. The unemployment rate rose to 28.1 per cent in 1983 before falling slightly to 24.6 per cent in 1984. For leavers from tertiary institutions, unemployment rates rose steadily from 1981 (10.0 per cent) to 1983 (21.0 per cent) and in 1984 was 19.0 per cent.

At May 1984 the unemployment rates varied according to the type of educational institution attended in 1983. While the unemployment rate for those who attended school (24.6 per cent) was similar to that of those who attended TAFE or technical college (25.1 per cent), it was higher than that of those who attended university or CAE (16.6 per cent and 16.7 per cent respectively).

DIAGRAM 2. LEAVERS AGED 15 TO 64: UNEMPLOYMENT RATE AND TYPE OF INSTITUTION ATTENDED FULL-TIME IN PREVIOUS YEAR, MAY 1981 TO MAY 1984
(Source of data: Table 3)

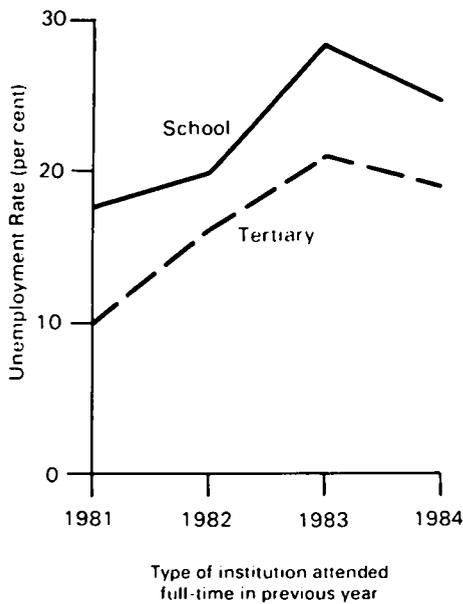
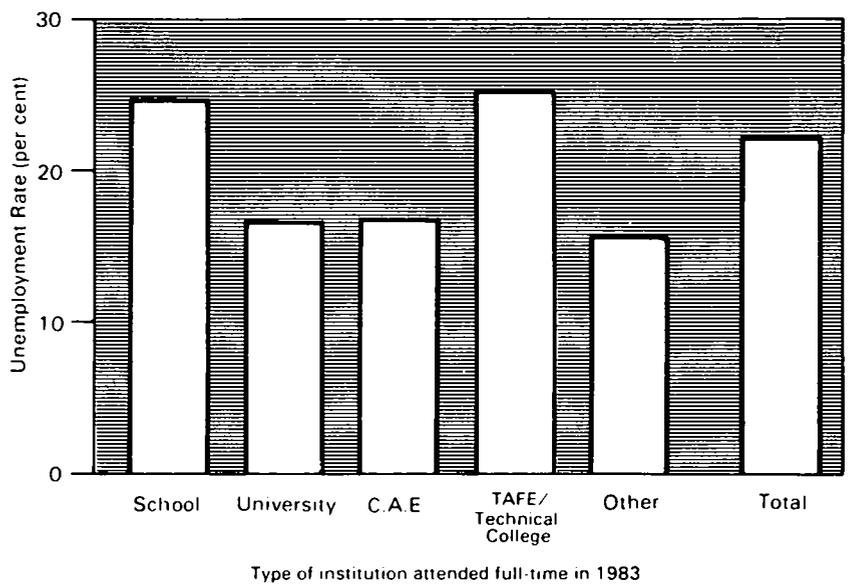


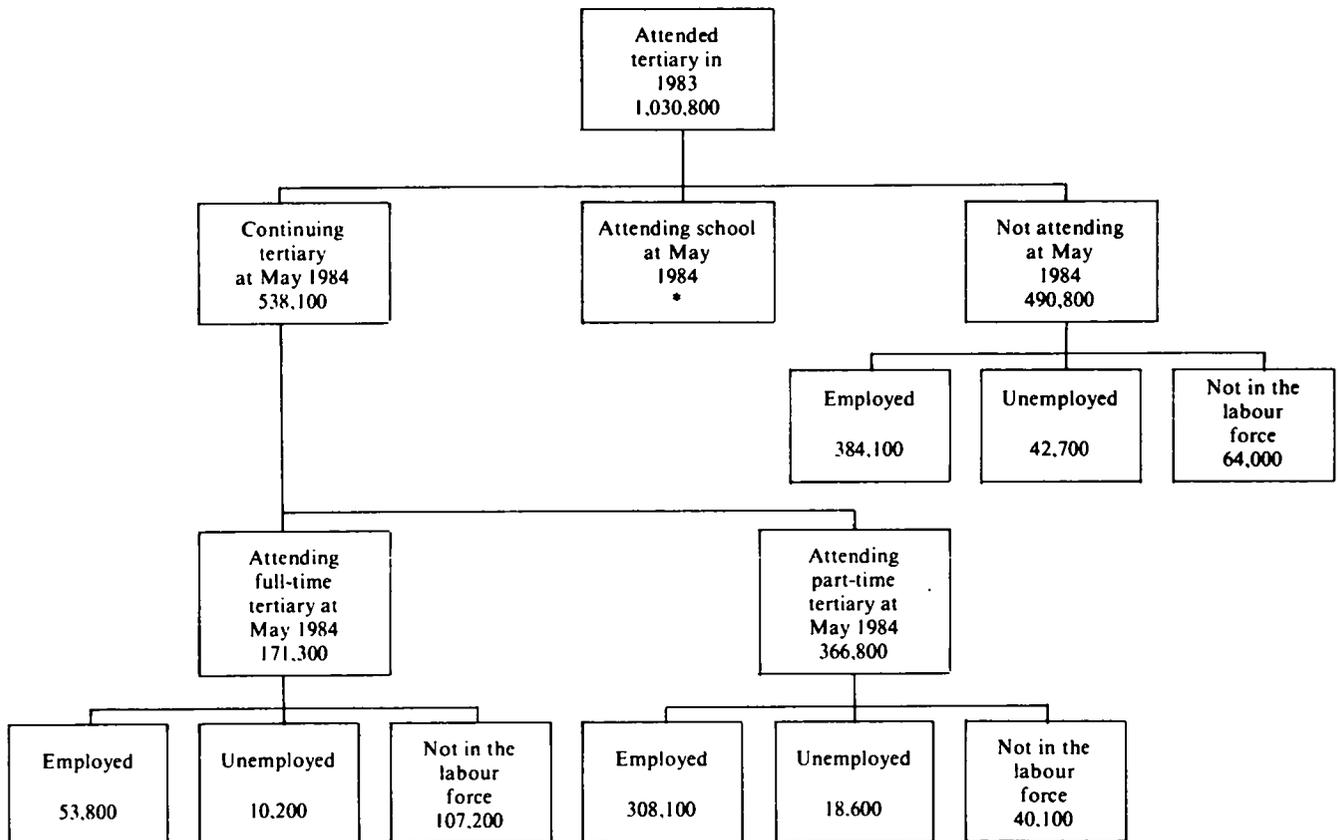
DIAGRAM 3. LEAVERS AGED 15 TO 64 : UNEMPLOYMENT RATE AND TYPE OF INSTITUTION ATTENDED FULL-TIME IN 1983
(Source of data: Table 17)



Of those persons aged 15 to 64 who attended a tertiary institution in 1983, 538,100 (52.2 per cent) were still attending a tertiary institution at May 1984. Of these, 171,300 (31.8 per cent) were full-time students and 366,800 were part-time students. This distribution is similar to that of May 1983.

The labour force activity at May 1984 of persons aged 15 to 64 who attended a tertiary institution in 1983 was related to their type of attendance at May 1984. Less full-time students were employed (31.4 per cent) than either part-time students (84.0 per cent) or persons not attending (78.3 per cent) with part-time students having the highest proportion of employed. More full-time students were classified as not in the labour force (62.6 per cent) than either part-time students (10.9 per cent) or persons not attending (13.0 per cent). More persons not attending were unemployed (8.7 per cent) than either full-time students (6.0 per cent) or part-time students (5.1 per cent).

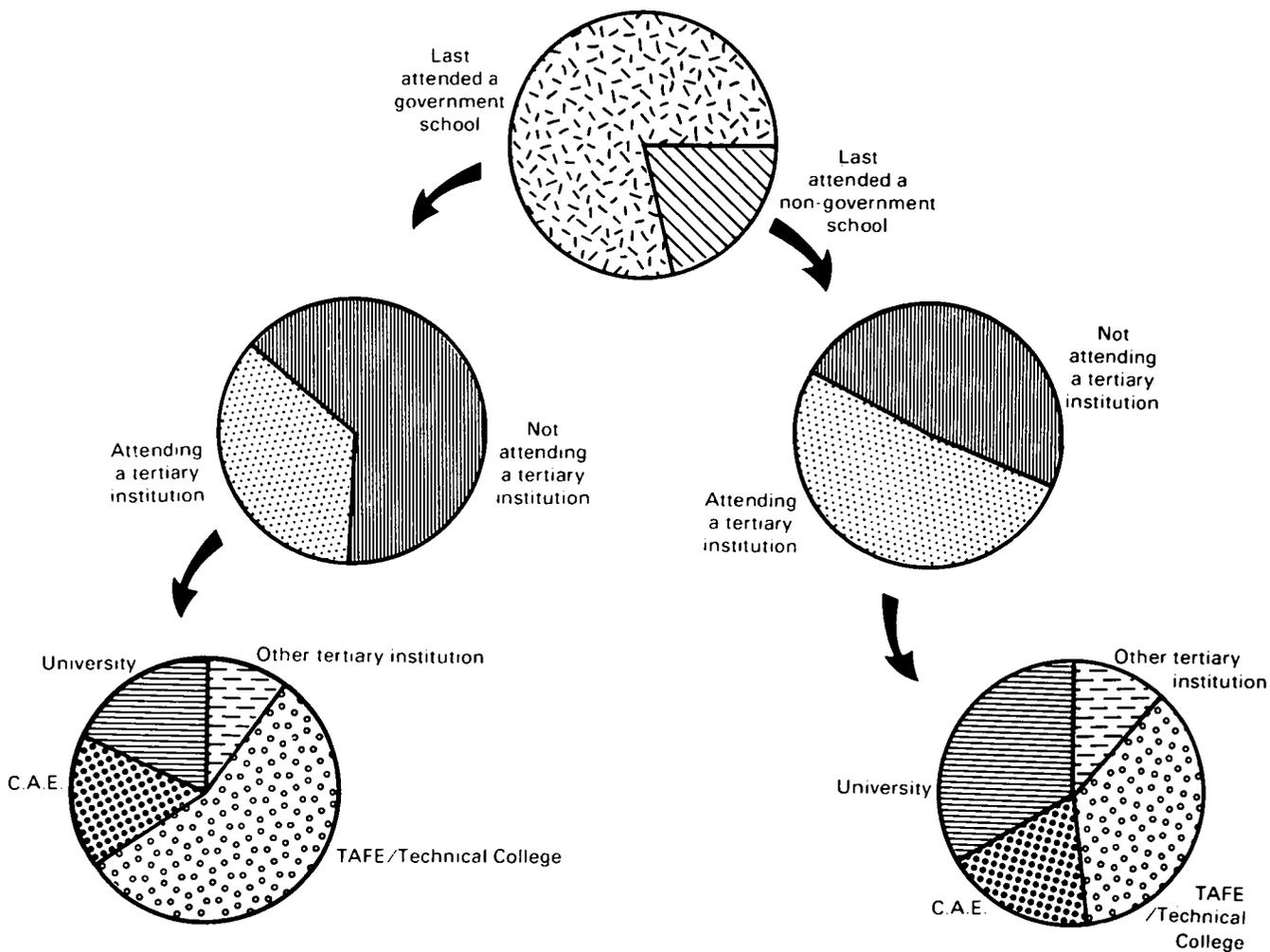
DIAGRAM 4: PERSONS AGED 15 TO 64 WHO ATTENDED A TERTIARY INSTITUTION IN 1983.
(Source of data: Table 10)



There were 261,200 persons aged 15 to 24 who attended school in 1983 but were not attending school at May 1984. Most of these last attended a government school (78.5 per cent).

Of those who last attended non-government schools, 51.8 per cent were attending a tertiary institution at May 1984, while the corresponding figure for those who last attended government schools was 35.6 per cent. The distribution by type of tertiary institution also depends on the type of school last attended. For those who last attended a non-government school and were attending a tertiary institution at May 1984, 33.4 per cent were attending university, 18.6 per cent a CAE and 36.5 per cent a TAFE or technical college. The corresponding figures for those from government schools were 18.2 per cent at university, 16.3 per cent at a CAE and 55.5 per cent at a TAFE or technical college.

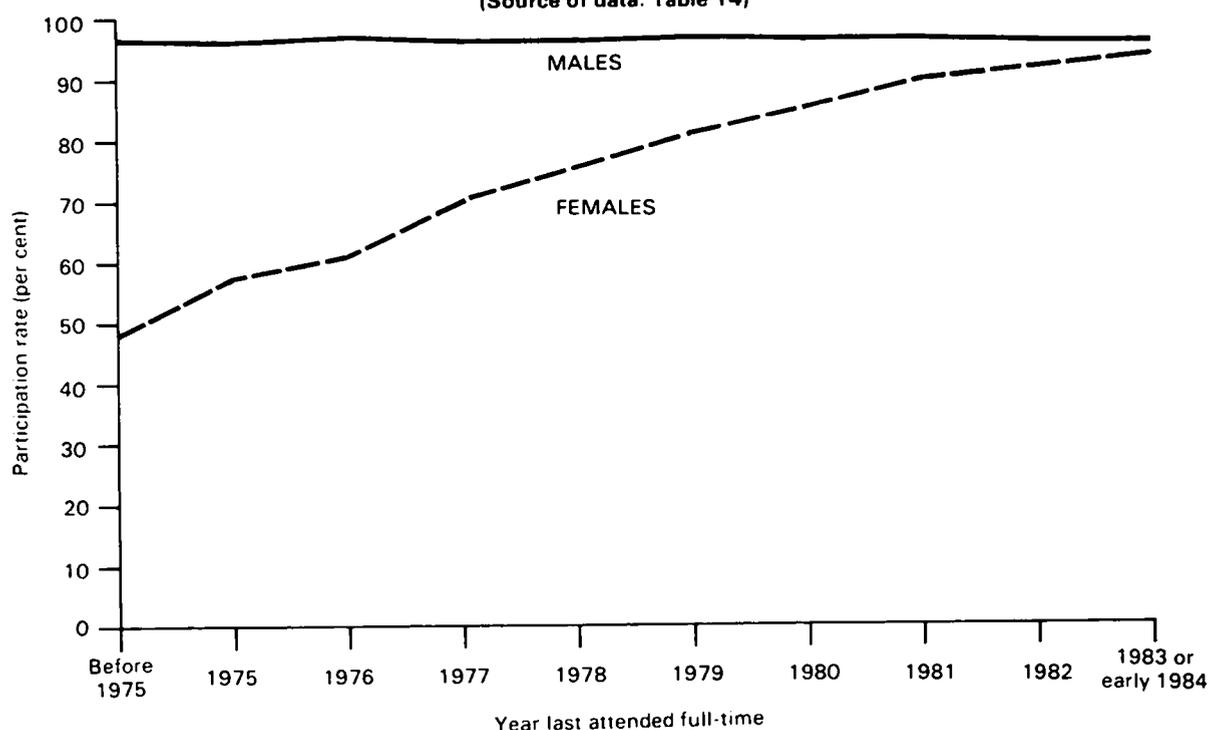
DIAGRAM 5. PERSONS AGED 15 TO 24 WHO ATTENDED SCHOOL IN 1983 BUT WERE NOT ATTENDING SCHOOL AT MAY 1984: TYPE OF SCHOOL LAST ATTENDED, WHETHER ATTENDING A TERTIARY INSTITUTION AND TYPE OF TERTIARY INSTITUTION ATTENDING, MAY 1984
(Source of data: Tables 12 and 13)



For persons aged 15 to 24 who last attended full-time study in 1983 or early 1984, labour force participation rates were similar for males and females. However, this was not the case for persons in this age group who last attended full-time study in earlier years. The longer the period since leaving full-time study the larger the difference in participation rates between males and females.

This difference is almost completely due to the change in participation rates for females. While for males the participation rates are similar across year last attended full-time study (96.1-97.1 per cent), the participation rate for females decreases as the time since last attended full-time study increases. (93.0 per cent for those females who last attended full-time study in 1983 or early 1984, steadily decreasing to 47.9 per cent for those females who last attended full-time study before 1975.) The change in the participation rate for females indicates that the longer it is since completion of full-time education, the more likely they are to have left the labour force. This is of course consistent with an increase over time of family commitments.

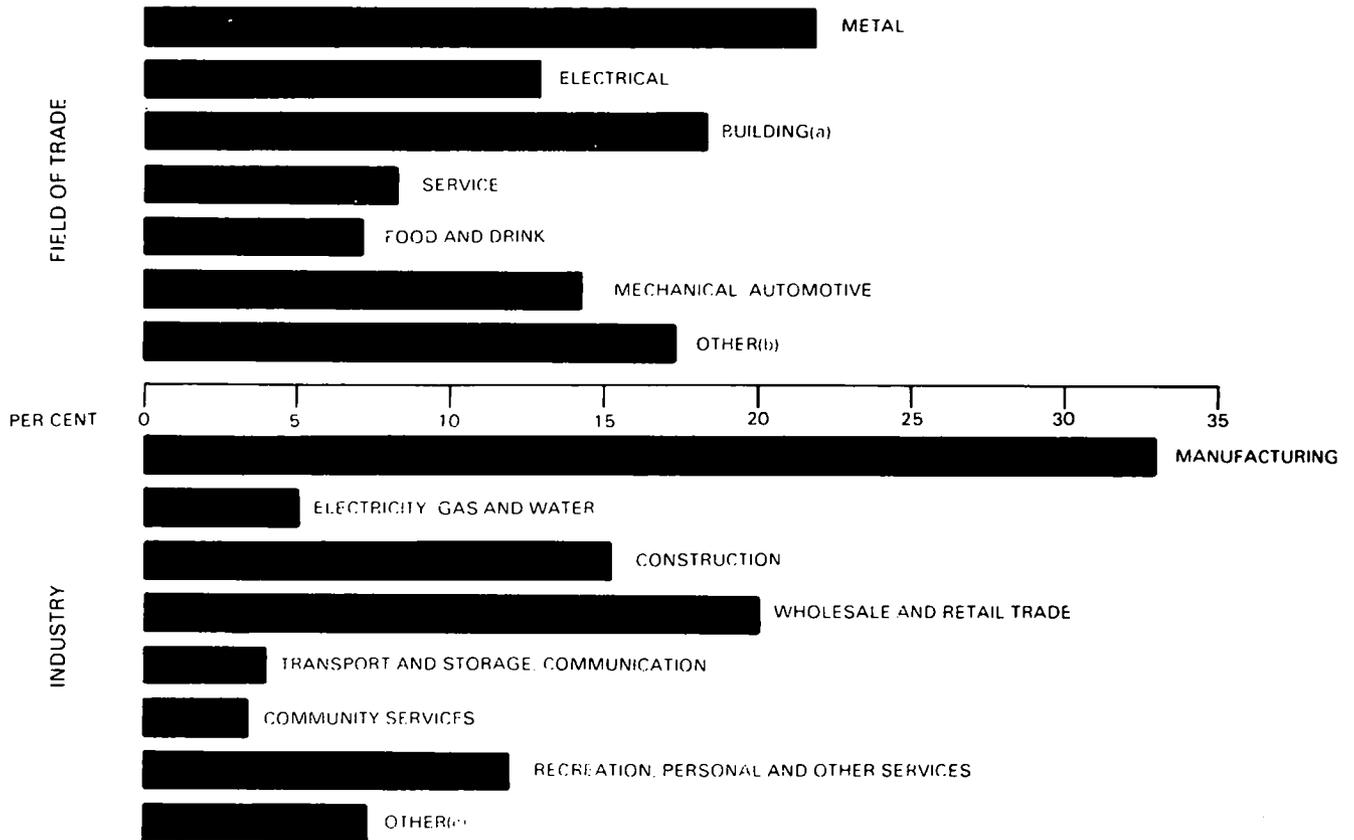
DIAGRAM 6. PERSONS AGED 15 TO 24 WHO WERE NOT ATTENDING FULL-TIME: YEAR LAST ATTENDED FULL-TIME AND LABOUR FORCE PARTICIPATION RATE
(Source of data: Table 14)



There were 142,000 apprentices aged 15 to 34 in training at May 1984 (approximately 1.2 per cent of persons aged 15 and over), compared with 151,000 a year earlier. The number of apprentices varied across different fields of trade and across industries. The metal field of trade (followed by the building field of trade) and the manufacturing industry contained the largest numbers of apprentices. These distributions of apprentices across the various fields of trade and industries were similar to May 1983. More apprentices were employed in the non-government sector (a) (83.9 per cent) than in the government sector (16.1 per cent) at May 1984.

(a) Includes a small number of persons for whom sector could not be determined.

DIAGRAM 7. APPRENTICES: FIELD OF TRADE AND INDUSTRY
(Source of data: Table 25)



(a) Includes furniture making (b) includes printing, and footwear, clothing and textiles (c) Includes agriculture, etc; mining; finance, property and business services, and public administration and defence.

**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 1981 TO MAY 1984
(' 000)**

	<i>Employed</i>			<i>Unemployed</i>	<i>In the labour force</i>	<i>Not in the labour force</i>	<i>Total</i>
	<i>Full-time</i>	<i>Part-time</i>	<i>Total</i>				
Attended in 1980(a)—							
Attending at May 1981							
15-25 years	207.9	146.7	354.6	36.3	390.9	470.0	860.9
26-64 years	121.0	27.6	148.6	6.0	154.6	46.6	201.2
Total	328.9	174.3	503.2	42.3	545.6	516.6	1,062.1
Not attending at May 1981							
15-25 years	266.5	21.7	288.2	45.4	333.6	19.9	353.5
26-64 years	167.4	32.4	199.7	7.1	206.8	45.3	252.2
Total	433.9	54.1	487.9	52.5	540.5	65.2	605.7
Total							
15-25 years	474.4	168.4	642.8	81.7	724.6	489.9	1,214.4
26-64 years	288.4	60.0	348.4	13.1	361.5	91.9	453.4
Total	762.8	228.4	991.2	94.8	1,086.0	581.8	1,667.8
Attended in 1981—							
Attending at May 1982							
15-24 years	185.5	147.1	332.6	42.3	375.0	463.8	838.8
25-64 years	133.3	31.0	164.2	6.4	170.6	52.2	222.8
Total	318.7	178.1	496.8	48.8	545.6	516.1	1,061.6
Not attending at May 1982							
15-24 years	246.3	21.1	267.4	53.1	320.4	20.3	340.7
25-64 years	178.5	36.0	214.5	8.9	223.4	51.2	274.6
Total	424.8	57.1	481.9	61.9	543.8	71.5	615.3
Total							
15-24 years	431.8	168.2	600.0	95.4	695.4	484.1	1,179.5
25-64 years	311.7	67.0	378.7	15.3	394.0	103.4	497.4
Total	743.4	235.2	978.6	110.7	1,089.3	587.6	1,676.9
Attended in 1982—							
Attending at May 1983							
15-24 years	165.6	139.0	304.6	61.3	365.9	497.2	863.1
25-64 years	144.8	32.4	177.1	11.5	188.6	53.4	242.0
Total	310.4	171.3	481.7	72.8	554.5	550.6	1,105.1
Not attending at May 1983							
15-24 years	210.6	30.8	241.3	68.7	310.1	20.8	330.8
25-64 years	180.9	37.4	218.3	16.6	234.9	59.9	294.8
Total	391.4	68.2	459.6	85.4	545.0	80.7	625.7
Total							
15-24 years	376.2	169.7	545.9	130.0	675.9	518.0	1,193.9
25-64 years	325.6	69.8	395.4	28.1	423.5	113.3	536.8
Total	701.8	239.5	941.3	158.1	1,099.5	631.3	1,730.8
Attended in 1983—							
Attending at May 1984							
15-24 years	170.9	165.3	336.2	54.0	390.2	515.4	905.6
25-64 years	151.6	33.4	184.9	11.3	196.2	57.9	254.2
Total	322.5	198.7	521.2	65.3	586.4	573.3	1,159.7
Not attending at May 1984							
15-24 years	225.9	28.7	254.6	68.9	323.5	20.1	343.6
25-64 years	202.5	40.9	243.4	15.9	259.3	57.4	316.7
Total	428.4	69.5	497.9	84.9	582.8	77.4	660.2
Total							
15-24 years	396.8	194.0	590.8	122.9	713.7	535.4	1,249.2
25-64 years	354.1	74.2	428.3	27.2	455.5	115.3	570.8
Total	750.9	268.2	1,019.1	150.1	1,169.2	650.7	1,820.0

(a) See Explanatory notes, paragraph 16.

TABLE 2. PERSONS AGED 15 TO 24(a) : WHETHER ATTENDED AN EDUCATIONAL INSTITUTION FULL-TIME IN PREVIOUS YEAR AND WHETHER ATTENDING AN EDUCATIONAL INSTITUTION FULL-TIME, 1975 TO 1984

Survey	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	Number	Proportion of total			
MALES						
May—1975	123.1	316.0	72.0	439.2	726.0	1,165.2
1976	137.1	316.8	69.8	453.9	729.2	1,183.0
Aug.—1977	118.1	368.4	75.7	486.5	828.3	1,314.8
1978	133.0	379.7	74.1	512.6	839.5	1,352.1
May—1979	157.7	315.7	66.7	473.4	888.2	1,361.6
1980	155.9	324.7	67.6	480.6	894.1	1,374.7
1981	154.4	319.6	67.4	474.0	924.6	1,398.6
1982	153.3	323.3	67.8	476.6	816.8	1,293.4
1983	136.4	343.4	71.6	479.7	651.0	1,130.7
1984	149.5	357.2	70.5	506.7	793.8	1,300.5
FEMALES						
May—1975	115.3	283.6	71.1	398.9	748.0	1,146.9
1976	120.1	292.3	70.9	412.4	745.9	1,158.2
Aug.—1977	108.9	359.3	76.7	468.1	827.0	1,295.1
1978	123.1	358.9	74.5	482.0	856.4	1,338.6
May—1979	130.7	322.3	71.1	453.0	890.4	1,343.4
1980	139.9	308.8	68.8	448.7	896.5	1,345.2
1981	133.8	323.1	70.7	456.8	904.5	1,361.4
1982	138.6	311.6	69.2	450.2	806.9	1,257.1
1983	132.8	328.5	71.2	461.3	733.5	1,194.8
1984	137.4	351.5	71.9	488.8	800.3	1,289.1
PERSONS						
May—1975	238.4	599.6	71.5	838.1	1,474.0	2,312.1
1976	257.2	609.0	70.3	866.3	1,475.0	2,341.3
Aug.—1977	226.9	727.7	76.2	954.6	1,655.2	2,609.8
1978	256.0	738.6	74.3	994.7	1,695.9	2,690.7
May—1979	288.4	638.0	68.9	926.4	1,778.6	2,704.9
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	708.6	71.2	995.5	1,594.1	2,589.6

(a) Aged 15 to 25 for surveys from August 1977 to May 1981.

TABLE 3. LEAVERS AGED 15 TO 64(a) : TYPE OF EDUCATIONAL INSTITUTION ATTENDED IN PREVIOUS YEAR AND LABOUR FORCE STATUS, MAY 1980 TO MAY 1984 ('000)

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

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

TABLE 4. LEAVERS AGED 15 TO 64(a) : TYPE OF EDUCATIONAL INSTITUTION ATTENDED IN PREVIOUS YEAR AND WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, MAY 1980 TO MAY 1984 ('000)

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

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

TABLE 5. PERSONS AGED 15 TO 64 : TYPE OF EDUCATIONAL INSTITUTION ATTENDING,
TYPE OF ATTENDANCE AND LABOUR FORCE STATUS, MAY 1984

	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—										
MALES										
Institution attending—										
School	Part-time	4.7	*	5.4	*	6.3	*	6.7	*	94.0
	Total	7.6	41.8	49.5	15.6	65.1	199.3	264.4	24.0	24.6
University	Part-time	39.3	3.6	42.8	*	45.0	*	45.8	*	98.2
	Total	40.2	16.7	56.9	5.7	62.6	46.4	109.0	9.1	57.5
CAE	Part-time	45.7	3.1	48.8	*	50.6	*	51.3	*	98.6
	Total	47.4	12.2	59.7	4.7	64.4	20.2	84.6	7.4	76.1
TAFE/Technical college	Part-time	189.7	6.8	196.5	11.8	208.2	4.7	212.9	5.7	97.8
	Total	197.9	9.5	207.4	15.1	222.4	20.4	242.8	6.8	91.6
Other	Part-time	33.6	*	35.9	*	37.8	3.1	40.9	*	92.4
	Total	35.7	*	38.1	*	40.4	6.9	47.3	*	85.4
Total	Part-time	313.0	16.5	329.5	18.4	347.9	9.7	357.6	5.3	97.3
	Total	328.8	82.7	411.5	43.5	455.0	293.3	748.2	9.6	60.8
Not attending		3,425.1	142.9	3,568.0	338.2	3,906.2	416.5	4,322.6	8.7	90.4
Total		3,754.0	225.5	3,979.5	381.6	4,361.1	709.7	5,070.9	8.8	86.0
FEMALES										
Institution attending—										
School	Part-time	5.5	*	6.8	*	7.2	3.1	10.3	*	69.5
	Total	6.4	58.8	65.3	13.2	78.4	182.8	261.2	16.8	30.0
University	Part-time	18.8	6.8	25.7	*	27.4	7.7	35.1	*	78.0
	Total	19.3	24.7	44.0	5.5	49.4	41.9	91.3	11.1	54.1
CAE	Part-time	24.5	8.3	32.8	*	34.8	5.2	40.0	*	87.0
	Total	25.8	20.6	46.4	3.5	49.9	30.4	80.3	7.0	62.2
TAFE/Technical college	Part-time	63.5	27.2	90.7	8.5	99.2	35.9	135.1	8.6	73.4
	Total	64.1	30.9	95.0	10.9	105.9	54.2	160.1	10.3	66.1
Other	Part-time	23.2	8.2	31.4	3.4	34.7	18.7	53.5	9.7	65.0
	Total	23.9	11.9	35.8	5.8	41.7	26.6	68.3	14.0	61.0
Total	Part-time	135.5	51.8	187.3	16.0	203.3	70.7	274.0	7.9	74.2
	Total	139.5	146.9	286.5	38.9	325.3	335.9	661.3	12.0	49.2
Not attending		1,395.1	751.0	2,146.0	215.6	2,361.6	2,009.9	4,371.5	9.1	54.0
Total		1,534.6	897.9	2,432.5	254.5	2,687.0	2,345.8	5,032.7	9.5	53.4
PERSONS										
Institution attending—										
School	Part-time	10.3	*	12.2	*	13.4	3.5	17.0	*	79.1
	Total	14.1	100.7	114.7	28.8	143.5	382.1	525.7	20.1	27.3
University	Part-time	58.1	10.4	68.5	3.9	72.4	8.6	81.0	5.4	89.4
	Total	59.5	41.4	100.9	11.2	112.1	88.3	200.4	10.0	55.9
CAE	Part-time	70.2	11.4	81.6	3.7	85.4	5.9	91.3	4.4	93.5
	Total	73.2	32.8	106.1	8.2	114.3	50.6	164.9	7.2	69.3
TAFE/Technical college	Part-time	253.1	34.0	287.2	20.3	307.5	40.5	348.0	6.6	88.4
	Total	262.0	40.4	302.4	26.0	328.3	74.6	403.0	7.9	81.5
Other	Part-time	56.8	10.5	67.3	5.2	72.5	21.8	94.4	7.2	76.9
	Total	59.6	14.4	74.0	8.1	82.1	33.5	115.6	9.9	71.0
Total	Part-time	448.5	68.3	516.8	34.4	551.2	80.4	631.6	6.2	87.3
	Total	468.4	229.6	698.0	82.3	780.3	629.2	1,409.5	10.6	55.4
Not attending		4,820.2	893.8	5,714.0	553.8	6,267.8	2,426.4	8,694.1	8.8	72.1
Total		5,288.6	1,123.4	6,412.0	636.1	7,048.1	3,055.5	10,103.6	9.0	69.8

TABLE 6. PERSONS AGED 15 TO 64: TYPE OF EDUCATIONAL INSTITUTION ATTENDING,
TYPE OF ATTENDANCE, LABOUR FORCE STATUS AND AGE, MAY 1984

	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—										
15 TO 19 YEARS										
Institution attending—										
School	Part-time	*	*	3.4	*	4.0	*	4.0	*	
	Total	6.4	99.3	105.6	28.3	133.9	376.8	510.8	21.1	
University	Part-time	*	*	3.3	*	3.6	*	3.8	*	
	Total	*	11.1	13.8	*	16.7	25.0	41.8	*	
CAE	Part-time	6.3	*	7.1	*	7.2	*	7.3	*	
	Total	6.5	10.5	17.1	*	18.7	18.4	37.2	*	
TAFE/Technical college	Part-time	76.6	3.1	79.7	5.2	84.9	*	86.3	6.1	
	Total	83.6	8.1	91.7	9.4	101.1	21.9	123.0	9.3	
Other	Part-time	7.6	*	8.2	*	9.1	*	10.0	*	
	Total	8.2	*	10.9	*	13.1	7.9	21.0	*	
Total	Part-time	95.8	5.9	101.7	7.2	108.9	*	111.5	6.6	
	Total	107.4	131.7	239.1	44.4	283.5	450.1	733.6	15.7	
Not attending		334.8	41.9	376.7	114.4	491.2	45.0	536.2	23.3	
Total		442.2	173.6	615.8	158.9	774.7	495.1	1,269.8	20.5	61.0
20 TO 24 YEARS										
Institution attending—										
School	Part-time	*	*	3.1	*	3.4	*	3.7	*	
	Total	*	*	3.1	*	3.4	*	5.0	*	
University	Part-time	10.6	*	13.1	*	15.5	*	16.6	*	
	Total	11.3	20.1	31.4	5.9	37.4	42.7	80.0	15.9	
CAE	Part-time	17.7	*	19.9	*	21.8	*	22.7	*	
	Total	19.1	11.4	30.4	4.4	34.8	20.1	54.9	12.6	
TAFE/Technical college	Part-time	65.8	5.4	71.3	4.5	75.7	3.0	78.7	5.9	
	Total	67.1	6.4	73.5	5.4	78.9	10.7	89.6	6.8	
Other	Part-time	10.8	*	11.8	*	13.1	*	15.5	*	
	Total	11.4	*	13.4	*	15.7	5.0	20.7	*	
Total	Part-time	107.7	11.5	119.2	10.3	129.5	7.7	137.2	8.0	
	Total	111.8	40.0	151.9	18.4	170.2	80.0	250.2	10.8	
Not attending		716.1	74.0	790.1	125.8	915.9	153.7	1,069.6	13.7	
Total		828.0	114.0	942.0	144.1	1,086.1	233.7	1,319.8	13.3	82.3
25 TO 64 YEARS										
Institution attending—										
School	Part-time	4.6	*	5.7	*	5.9	3.3	9.3	*	
	Total	4.8	*	6.0	*	6.2	3.7	9.9	*	
University	Part-time	44.9	7.2	52.1	*	53.3	7.2	60.5	*	
	Total	45.4	10.2	55.6	*	58.0	20.6	78.6	*	
CAE	Part-time	46.3	8.3	54.6	*	56.3	4.9	61.2	*	
	Total	47.6	11.0	58.5	*	60.7	12.1	72.8	*	
TAFE/Technical college	Part-time	110.7	25.4	136.2	10.6	146.8	36.2	183.0	7.2	
	Total	111.3	25.9	137.2	11.2	148.4	42.0	190.4	7.5	
Other	Part-time	38.4	8.9	47.3	3.0	50.3	18.5	68.8	6.0	
	Total	40.0	9.8	49.8	3.5	53.3	20.6	73.9	6.6	
Total	Part-time	245.0	50.9	295.9	16.8	312.7	70.2	382.9	5.4	
	Total	249.1	57.9	307.0	19.5	326.6	99.1	425.6	6.0	
Not attending		3,769.3	777.9	4,547.1	313.6	4,860.7	2,227.7	7,088.4	6.5	
Total		4,018.4	835.8	4,854.2	333.1	5,187.2	2,326.8	7,514.0	6.4	69.0
TOTAL										
Institution attending—										
School	Part-time	10.3	*	12.2	*	13.4	3.5	17.0	*	
	Total	14.1	100.7	114.7	28.8	143.5	382.1	525.7	20.0	
University	Part-time	58.1	10.4	68.5	3.9	72.4	8.6	81.0	5.4	
	Total	59.5	41.4	100.9	11.2	112.1	88.3	200.4	10.0	
CAE	Part-time	70.2	11.4	81.6	3.7	85.4	5.9	91.3	4.4	
	Total	73.2	32.8	106.1	8.2	114.3	50.6	164.9	7.2	
TAFE/Technical college	Part-time	253.1	34.0	287.2	20.3	307.5	40.5	348.0	6.6	
	Total	262.0	40.4	302.4	26.0	328.3	74.6	403.0	7.9	
Other	Part-time	56.8	10.5	67.3	5.2	72.5	21.8	94.4	7.2	
	Total	59.6	14.4	74.0	8.1	82.1	33.5	115.6	9.9	
Total	Part-time	448.5	68.3	516.8	34.4	551.2	80.4	631.6	6.2	
	Total	468.4	229.6	698.0	82.3	780.3	629.2	1,409.5	10.6	
Not attending		4,820.2	893.8	5,714.0	553.8	6,267.8	2,426.4	8,694.1	8.8	
Total		5,288.6	1,123.4	6,412.0	636.1	7,048.1	3,055.5	10,103.6	9.0	69.8

TABLE 7. PERSONS AGED 15 TO 64: WHETHER ATTENDED AN EDUCATIONAL INSTITUTION AND TYPE OF ATTENDANCE IN 1983, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, TYPE OF ATTENDANCE, LABOUR FORCE STATUS AND AGE, MAY 1984

Type of attendance		Employed			Unem- ployed	In the labour force	Not in the labour force	Total	Unem- ployment rate	Partici- pation rate
In May 1983	At May 1984	Full-time	Part-time	Total						
— '000—										
— per cent—										
15 TO 19 YEARS										
Full-time	Full-time	10.7	124.3	135.0	35.3	170.4	444.0	614.4	20.7	27.7
	Part-time	31.9	4.1	36.0	3.0	39.0	*	40.2	7.8	97.0
	Not attending	108.4	17.7	126.1	47.5	173.7	12.0	185.6	27.4	93.6
	Total	151.0	146.1	297.2	85.9	383.0	457.2	840.3	22.4	45.6
Part-time	Full-time	*	*	*	*	*	*	*	*	*
	Part-time	49.9	*	51.1	*	52.9	*	53.3	*	99.4
	Not attending	27.3	*	29.7	5.5	35.2	*	37.2	15.5	94.5
	Total	77.4	4.0	81.4	7.7	89.1	3.8	92.9	8.6	95.9
Did not attend	Full-time	*	*	*	*	3.2	*	5.3	*	61.0
	Part-time	14.1	*	14.7	*	17.0	*	18.0	*	94.3
	Not attending	199.0	21.8	220.9	61.5	282.3	31.0	313.3	21.8	90.1
	Total	213.8	23.4	237.2	65.3	302.5	34.1	336.6	21.6	89.9
Total	Full-time	11.6	125.8	137.4	37.2	174.6	447.5	622.1	21.3	28.1
	Part-time	95.8	5.9	101.7	7.2	108.9	*	111.5	6.6	97.7
	Not attending	334.8	41.9	376.7	114.4	491.2	45.0	536.2	23.3	91.6
	Total	442.2	173.6	615.8	158.9	774.7	495.1	1,269.8	20.5	61.0
20 TO 24 YEARS										
Full-time	Full-time	3.2	25.3	28.5	4.8	33.3	60.9	94.2	14.4	35.3
	Part-time	9.3	*	11.9	4.2	16.2	*	17.3	26.2	93.3
	Not attending	30.0	4.5	34.5	7.7	42.2	*	43.7	18.3	96.6
	Total	42.5	32.4	74.9	16.8	91.7	63.6	155.3	18.3	59.0
Part-time	Full-time	*	*	*	*	*	*	4.9	*	*
	Part-time	65.6	6.2	71.8	3.7	75.5	3.3	78.8	4.9	95.8
	Not attending	60.1	4.1	64.2	8.2	72.4	4.6	77.0	11.4	94.1
	Total	125.9	11.4	137.3	12.6	149.9	10.8	160.7	8.4	93.3
Did not attend	Full-time	*	*	*	*	5.5	8.5	14.0	*	39.1
	Part-time	32.8	*	35.4	*	37.9	3.2	41.0	*	92.3
	Not attending	626.0	65.4	691.5	109.8	801.3	147.6	948.9	13.7	84.4
	Total	659.6	70.2	729.8	114.8	844.6	159.3	1,003.9	13.6	84.1
Total	Full-time	4.1	28.5	32.7	8.0	40.7	72.4	113.1	19.7	36.0
	Part-time	107.7	11.5	119.2	10.3	129.5	7.7	137.2	8.0	94.4
	Not attending	716.1	74.0	790.1	125.8	915.9	153.7	1,069.6	13.7	85.6
	Total	828.0	114.0	942.0	144.1	1,086.1	233.7	1,319.8	13.3	82.3
25 TO 64 YEARS										
Full-time	Full-time	*	4.1	6.0	*	7.9	16.7	24.6	*	32.0
	Part-time	4.8	*	5.6	*	7.1	*	9.0	*	79.0
	Not attending	18.8	4.2	23.0	3.8	26.8	5.3	32.1	14.2	83.4
	Total	25.4	9.2	34.6	7.2	41.8	23.9	65.7	17.2	63.6
Part-time	Full-time	*	*	*	*	3.1	3.9	6.9	*	44.2
	Part-time	143.5	27.2	170.7	7.4	178.2	35.5	213.6	4.2	83.4
	Not attending	183.7	36.6	220.4	12.1	232.5	52.0	284.5	5.2	81.7
	Total	328.7	65.1	393.7	20.0	413.7	91.4	505.1	4.8	81.9
Did not attend	Full-time	*	*	*	*	*	8.3	11.2	*	*
	Part-time	96.7	22.9	119.5	7.9	127.4	32.8	160.2	6.2	79.5
	Not attending	3,566.7	737.0	4,303.7	297.6	4,601.4	2,170.3	6,771.7	6.5	68.0
	Total	3,664.3	761.6	4,425.8	305.9	4,731.7	2,211.5	6,943.2	6.5	68.2
Total	Full-time	4.1	7.0	11.2	*	13.8	28.9	42.7	*	32.4
	Part-time	245.0	50.9	295.9	16.8	312.7	70.2	382.9	5.4	81.7
	Not attending	3,769.3	777.9	4,547.1	313.6	4,860.7	2,227.7	7,088.4	6.5	68.6
	Total	4,018.4	835.8	4,854.2	333.1	5,187.2	2,326.8	7,514.0	6.4	69.0
TOTAL										
Full-time	Full-time	15.7	153.8	169.5	42.0	211.5	521.7	733.2	19.9	28.9
	Part-time	46.0	7.6	53.6	8.8	62.3	4.3	66.6	14.1	93.6
	Not attending	157.2	26.4	183.6	59.1	242.7	18.8	261.5	24.3	92.8
	Total	218.9	187.8	406.7	109.8	516.5	544.8	1,061.3	21.3	48.7
Part-time	Full-time	*	*	4.5	*	6.0	8.2	14.2	*	42.5
	Part-time	259.0	34.6	293.6	12.9	306.5	39.2	345.7	4.2	88.7
	Not attending	271.2	43.2	314.3	25.8	340.1	58.6	398.8	7.6	85.3
	Total	531.9	80.5	612.4	40.3	652.7	106.0	758.7	6.2	86.0
Did not attend	Full-time	*	4.9	7.2	4.4	11.6	18.9	30.5	37.7	38.0
	Part-time	143.5	26.1	169.6	12.7	182.3	37.0	219.3	7.0	83.1
	Not attending	4,391.8	824.3	5,216.1	468.9	5,685.0	2,348.9	8,033.9	8.3	70.8
	Total	4,537.7	855.2	5,392.9	486.0	5,878.8	2,404.8	8,283.6	8.3	71.0
Total	Full-time	19.9	161.4	181.2	47.9	229.2	548.8	777.9	20.9	29.5
	Part-time	448.5	68.3	516.8	34.4	551.2	80.4	631.6	6.2	87.3
	Not attending	4,820.2	893.8	5,714.0	553.8	6,267.8	2,426.4	8,694.1	8.8	72.1
	Total	5,288.6	1,123.4	6,412.0	636.1	7,048.1	3,055.5	10,103.6	9.0	69.8

**TABLE 8. PERSONS AGED 15 TO 64 : TYPE OF EDUCATIONAL INSTITUTION
ATTENDED AND TYPE OF ATTENDANCE IN 1983, TYPE OF EDUCATIONAL INSTITUTION
ATTENDING AND AGE, MAY 1984
(* 000)**

Type of institution attended and type of attendance in 1983	Type of institution attending					Total	Not attending	Total
	School	University	CAE	TAFE/ Technical college	Other			
PERSONS AGED 15 TO 24								
School								
Full-time	509.3	22.0	16.9	50.4	10.2	608.7	153.4	762.2
Part-time	3.6	*	*	*	*	6.2	5.7	11.9
Total	512.9	23.0	17.3	51.1	10.6	614.9	159.2	774.1
University								
Full-time	*	77.8	*	*	*	80.6	20.2	100.8
Part-time	*	7.7	*	*	*	8.6	5.5	14.2
Total	*	85.5	*	*	*	89.2	25.8	115.0
CAE								
Full-time	*	*	44.8	*	*	47.0	13.2	60.2
Part-time	*	*	17.9	*	*	18.9	7.5	26.4
Total	*	*	62.7	*	*	65.9	20.7	86.6
TAFE Technical college								
Full-time	*	*	*	21.3	*	23.8	30.2	54.0
Part-time	*	*	*	90.7	*	94.9	82.5	177.4
Total	*	*	*	112.0	*	118.7	112.7	231.4
Other								
Full-time	*	*	*	*	4.4	6.1	12.2	18.4
Part-time	*	*	*	*	9.9	10.8	13.0	23.7
Total	*	*	*	*	14.3	16.9	25.2	42.1
Type of attendance--								
Full-time	509.7	102.4	64.5	73.8	15.8	766.2	229.3	995.5
Part-time	3.7	10.2	20.2	92.8	12.4	139.4	114.2	253.6
Total	513.4	112.7	84.7	166.6	28.2	905.6	343.6	1,249.2
Did not attend an educational institution	*	9.1	7.3	46.0	13.5	78.3	1,262.2	1,340.5
Total	515.8	121.8	92.0	212.6	41.7	983.9	1,605.7	2,589.6
PERSONS AGED 25 TO 64								
School								
Full-time	*	*	*	*	*	*	*	*
Part-time	3.2	*	*	*	*	4.5	10.6	14.5
Total	3.3	*	*	*	*	4.8	10.2	15.1
University								
Full-time	*	15.2	*	*	*	15.5	8.2	23.7
Part-time	*	38.5	*	*	*	42.9	28.5	71.3
Total	*	53.7	*	*	*	58.4	36.7	95.0
CAE								
Full-time	*	*	7.3	*	*	7.7	7.9	15.7
Part-time	*	*	37.5	*	*	39.8	34.7	74.5
Total	*	*	44.8	*	*	47.5	42.7	90.2
TAFE, Technical college								
Full-time	*	*	*	4.7	*	4.7	5.1	9.9
Part-time	*	*	*	93.4	*	99.4	146.1	245.5
Total	*	*	*	98.0	*	104.1	151.2	255.4
Other								
Full-time	*	*	*	*	3.7	5.3	10.7	16.0
Part-time	*	*	*	*	29.0	34.0	65.2	99.2
Total	*	*	*	3.6	32.7	39.3	75.9	115.2
Type of attendance--								
Full-time	*	15.7	8.0	5.9	3.9	33.6	32.1	65.7
Part-time	4.6	42.1	42.8	99.2	31.8	220.6	284.5	505.1
Total	4.7	57.8	50.8	105.1	35.7	254.2	316.7	570.8
Did not attend an educational institution	5.2	20.8	22.0	85.3	38.2	171.5	6,771.7	6,943.2
Total	9.9	78.6	72.8	190.4	73.9	425.6	7,088.4	7,514.0

TABLE 11. PERSONS AGED 15 TO 64 WHO ATTENDED AN EDUCATIONAL INSTITUTION FULL-TIME IN 1983 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED IN 1983, WHETHER ATTENDING AN EDUCATIONAL INSTITUTION FULL-TIME, WHETHER ATTENDING SAME TYPE OF EDUCATIONAL INSTITUTION AS IN 1983 AND AGE, MAY 1984

Educational institution attended full-time in 1983	Continuing full-time studies			Leavers		Total — '000—
	Same type of institution as in 1983	Different type of institution than in 1983 — '000—	Total	Number	Proportion of total —per cent—	
15 TO 24 YEARS						
Males—						
School	257.4	28.4	285.7	100.6	26.0	386.4
University	38.7	*	39.5	14.8	27.3	54.3
CAE	19.7	*	20.1	8.8	30.5	29.0
TAFE/Technical college	9.3	*	10.2	21.3	67.6	31.5
Other	*	*	*	4.0	71.2	5.6
Total	326.6	30.5	357.2	149.5	29.5	506.7
Females—						
School	250.3	38.6	288.8	87.0	23.1	375.8
University	31.4	*	32.2	14.4	30.9	46.6
CAE	20.7	*	21.3	9.9	31.7	31.2
TAFE/Technical college	5.1	*	6.4	16.1	71.7	22.5
Other	*	*	*	10.0	78.4	12.7
Total	309.2	42.2	351.5	137.4	28.1	488.8
Persons—						
School	507.6	67.0	574.6	187.6	24.6	762.2
University	70.1	*	71.7	29.2	28.9	100.8
CAE	40.3	*	41.5	18.7	31.1	60.2
TAFE/Technical college	14.4	*	16.6	37.4	69.3	54.0
Other	3.4	*	4.4	14.0	76.2	18.4
Total	635.9	72.7	708.6	286.9	28.8	995.5
25 TO 64 YEARS						
Persons—						
School	*	*	*	*	*	*
University	11.9	*	12.1	11.5	48.7	23.7
CAE	6.1	*	6.6	9.1	57.8	15.7
TAFE/Technical college	*	*	*	7.0	70.5	9.9
Other	*	*	*	13.2	82.4	16.0
Total	23.3	*	24.6	41.2	62.6	65.7
TOTAL						
Males—						
School	257.4	28.4	285.7	101.0	26.1	386.8
University	45.9	*	47.8	20.7	30.6	67.5
CAE	22.9	*	23.8	12.9	35.2	36.7
TAFE/Technical college	11.3	*	12.2	25.1	67.2	37.3
Other	3.1	*	3.3	11.0	76.9	14.3
Total	340.5	31.3	371.9	170.7	31.5	542.6
Females—						
School	250.4	38.6	288.9	87.0	23.2	376.0
University	36.1	*	37.0	20.0	35.1	57.1
CAE	23.6	*	24.3	14.8	38.0	39.1
TAFE/Technical college	6.0	*	7.2	19.3	72.7	26.5
Other	*	*	3.9	16.2	80.7	20.0
Total	318.7	42.7	361.3	157.4	30.3	518.7
Persons—						
School	507.7	67.0	574.7	188.1	24.7	762.7
University	82.0	*	83.8	40.7	32.7	124.5
CAE	46.5	*	48.1	27.8	36.6	75.8
TAFE/Technical college	17.3	*	19.5	44.4	69.5	63.8
Other	5.7	*	7.2	27.2	79.1	34.3
Total	659.2	74.0	733.2	328.1	30.9	1,061.3

TABLE 12. PERSONS AGED 15 TO 24 WHO ATTENDED SCHOOL IN 1983 BUT WERE NOT ATTENDING SCHOOL AT MAY 1984: TYPE OF SCHOOL LAST ATTENDED, WHETHER ATTENDING A TERTIARY INSTITUTION, TYPE OF ATTENDANCE AND LABOUR FORCE STATUS, MAY 1984

Type of school last attended	Employed			Unemployed	In the labour force	Not in the labour force	Total	Unemployment rate	Participation rate
	Full-time	Part-time	Total						
							—'000—	—per cent—	
ATTENDING TERTIARY FULL-TIME									
Males—									
Government/State	*	3.0	4.8	*	6.8	12.8	19.5	*	34.7
Non-government	*	*	*	*	3.8	5.8	9.5	*	39.5
Total	*	5.2	7.2	3.3	10.5	18.5	29.1	31.3	36.3
Females—									
Government/State	*	6.4	6.6	*	8.9	18.7	27.6	*	32.1
Non-government	*	3.8	3.8	*	4.0	7.3	11.3	*	35.6
Total	*	10.2	10.4	*	12.9	26.0	38.9	*	33.1
Persons—									
Government/State	*	9.4	11.4	4.2	15.6	31.5	47.1	26.9	33.2
Non-government	*	6.0	6.2	*	7.8	13.0	20.8	*	37.4
Total	*	15.4	17.6	5.8	23.4	44.5	67.9	24.6	34.5
ATTENDING TERTIARY PART-TIME									
Males—									
Government/State	15.3	*	16.3	*	17.3	*	17.7	*	97.7
Non-government	3.6	*	4.1	*	4.6	*	5.0	*	92.6
Total	18.9	*	20.5	*	21.8	*	22.6	*	96.6
Females—									
Government/State	6.6	*	7.4	*	7.8	*	8.1	*	96.0
Non-government	*	*	*	*	3.2	*	3.4	*	94.9
Total	8.6	*	10.2	*	11.0	*	11.5	*	95.7
Persons—									
Government/State	21.9	*	23.7	*	25.0	*	25.8	*	97.1
Non-government	5.7	*	6.9	*	7.8	*	8.3	*	93.5
Total	27.6	3.1	30.6	*	32.8	*	34.1	*	96.3
NOT ATTENDING TERTIARY									
Males—									
Government/State	40.5	4.8	45.3	19.4	64.6	3.1	67.7	29.9	95.5
Non-government	8.9	*	9.7	*	12.2	*	13.0	*	94.1
Total	49.4	5.5	55.0	21.9	76.9	3.8	80.7	28.5	95.2
Females—									
Government/State	31.7	9.7	41.4	16.8	58.2	6.1	64.3	28.8	90.5
Non-government	8.9	*	10.4	*	13.1	*	14.1	*	92.9
Total	40.6	11.3	51.9	19.5	71.3	7.1	78.4	27.3	91.0
Persons—									
Government/State	72.2	14.5	86.7	36.2	122.9	9.2	132.1	29.4	93.1
Non-government	17.8	*	20.1	5.2	25.3	*	27.1	20.6	93.5
Total	90.0	16.9	106.9	41.4	148.2	10.9	159.2	27.9	93.1
TOTAL									
Males—									
Government/State	57.6	8.8	66.4	22.2	88.7	16.2	104.9	25.1	84.5
Non-government	12.7	3.5	16.2	4.4	20.6	6.9	27.5	21.2	74.9
Total	70.4	12.3	82.7	26.6	109.3	23.1	132.4	24.3	82.5
Females—									
Government/State	38.5	16.9	55.4	19.4	74.9	25.2	100.0	25.9	74.9
Non-government	10.9	6.1	17.0	3.3	20.3	8.4	28.8	16.2	70.7
Total	49.4	23.1	72.5	22.7	95.2	33.6	128.8	23.9	73.9
Persons—									
Government/State	96.1	25.7	121.9	41.7	163.5	41.4	205.0	25.5	79.8
Non-government	23.6	9.6	33.3	7.7	40.9	15.3	56.3	18.7	72.7
Total	119.8	35.4	155.2	49.3	204.5	56.8	261.2	24.1	78.3

TABLE 13. PERSONS AGED 15 TO 24 WHO ATTENDED SCHOOL IN 1983 BUT WERE NOT ATTENDING SCHOOL AT MAY 1984: TYPE OF SCHOOL LAST ATTENDED, TYPE OF EDUCATIONAL INSTITUTION ATTENDING AND TYPE OF ATTENDANCE, MAY 1984 ('000)

	<i>Government/ State</i>	<i>Roman Catholic</i>	<i>Other</i>	<i>Total</i>
MALES				
Attending				
Full-time	19.5	5.7	3.9	29.1
Part-time	17.7	3.7	*	22.6
Total	37.2	9.4	5.1	51.7
Not attending	67.7	9.2	3.8	80.7
Total	104.9	18.6	8.9	132.4
FEMALES				
Attending				
Full-time	27.6	6.6	4.7	38.9
Part-time	8.1	*	*	11.5
Total	35.7	9.1	5.6	50.4
Not attending	64.3	8.2	5.9	78.4
Total	100.0	17.3	11.4	128.8
PERSONS				
University				
Full-time	12.1	4.5	4.9	21.6
Part-time	*	*	*	*
Total	13.2	4.6	5.1	23.0
CAF				
Full-time	10.0	*	*	14.5
Part-time	*	*	*	*
Total	11.9	3.0	*	17.3
TAFE Technical college				
Full-time	20.3	3.2	*	24.5
Part-time	20.1	5.6	*	26.7
Total	40.5	8.8	*	51.1
Other				
Full-time	4.7	*	*	7.4
Part-time	2.6	*	*	3.2
Total	7.3	*	*	10.6
Attending				
Full-time	47.1	12.3	8.5	67.9
Part-time	25.8	6.2	*	34.1
Total	72.9	18.5	10.7	102.1
Not attending	132.1	17.4	9.7	159.2
Total	205.0	35.9	20.4	261.2

TABLE 14. PERSONS AGED 15 TO 24 WHO WERE NOT ATTENDING FULL-TIME: YEAR LAST ATTENDED FULL-TIME AND LABOUR FORCE STATUS, MAY 1984

<i>Year last attended full-time</i>	<i>Employed</i>	<i>Unemployed</i>	<i>In the labour force</i>	<i>Not in the labour force</i>	<i>Total</i>	<i>Unemployment rate</i>	<i>Participation rate</i>
			— '000—			—per cent—	
MALES							
Before 1975	12.6	4.6	17.2	*	17.8	26.9	96.8
1975	30.8	5.6	36.4	*	37.6	15.3	96.7
1976	57.5	10.2	67.8	*	69.8	15.1	97.1
1977	74.5	12.8	87.3	*	90.1	14.7	96.8
1978	91.1	15.1	106.2	3.5	109.7	14.2	96.8
1979	100.3	18.0	118.4	3.7	122.0	15.2	97.0
1980	92.9	13.8	106.7	3.6	110.3	13.0	96.8
1981	94.4	16.3	110.7	3.7	114.4	14.7	96.8
1982	86.4	18.7	105.1	4.3	109.4	17.8	96.1
1983 or early 1984	110.9	33.0	143.8	6.1	150.0	22.9	95.9
Total	751.4	148.2	899.6	31.6	931.1	16.5	96.6
FEMALES							
Before 1975	7.0	*	8.7	9.5	18.3	*	47.9
1975	20.7	3.0	23.7	17.6	41.3	12.5	57.4
1976	38.5	5.8	44.3	27.0	71.3	13.1	62.1
1977	59.5	7.5	67.0	26.9	93.8	11.1	71.4
1978	71.5	8.7	80.2	24.7	105.0	10.8	76.4
1979	82.8	13.0	95.8	23.6	119.4	13.6	80.2
1980	85.5	12.1	97.6	16.7	114.3	12.4	85.4
1981	89.5	12.8	102.3	12.4	114.7	12.5	89.2
1982	82.9	15.2	98.1	9.1	107.3	15.5	91.5
1983 or early 1984	98.4	29.8	128.1	9.7	137.8	23.2	93.0
Total	636.4	109.6	746.0	177.3	923.3	14.7	80.8
PERSONS							
Before 1975	19.6	6.4	25.9	10.1	36.0	24.6	72.0
1975	51.6	8.6	60.1	18.9	79.0	14.2	76.1
1976	96.0	16.1	112.1	29.0	141.1	14.3	79.4
1977	134.0	20.3	154.3	29.7	184.0	13.2	83.9
1978	162.6	23.8	186.4	28.3	214.7	12.8	86.8
1979	183.2	31.0	214.2	27.3	241.5	14.5	88.7
1980	178.4	25.9	204.3	20.3	224.6	12.7	91.0
1981	183.9	29.1	213.0	16.1	229.1	13.7	93.0
1982	169.3	33.9	203.8	13.4	216.7	16.7	93.8
1983 or early 1984	209.2	62.7	271.9	15.8	287.8	23.1	94.5
Total	1,387.8	257.8	1,645.5	208.9	1,854.5	15.7	88.7

TABLE 15. LEAVERS AGED 15 TO 64 : LABOUR FORCE STATUS AND AGE, MAY 1984
 ('000)

Labour force status	Leavers aged 15 to 19			Leavers aged 20 to 24			Total leavers		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
Employed	86.8	75.4	162.1	23.9	22.5	46.4	127.7	109.5	237.2
Full-time	78.9	61.4	140.3	20.6	18.7	39.3	114.7	88.5	203.2
Part-time	7.9	13.9	21.8	3.3	3.8	7.1	13.0	21.0	34.0
Unemployed	26.4	24.1	50.6	6.3	5.6	12.0	35.6	32.2	67.8
In the labour force	113.2	99.5	212.7	30.2	28.2	58.4	163.3	141.7	305.0
Not in the labour force	5.2	8.0	13.2	*	*	*	7.4	15.7	23.1
Total	118.4	107.5	225.9	31.2	29.9	61.1	170.7	157.4	328.1

TABLE 16. LEAVERS AGED 15 TO 64 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED IN 1983 AND AGE, MAY 1984
 ('000)

Type of educational institution attended in 1983	Leavers aged 15 to 24			Leavers aged 25 to 64			Total leavers		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
School	100.6	87.0	187.6	*	*	*	101.0	87.0	188.1
University	14.8	14.4	29.2	5.9	5.7	11.5	20.7	20.0	40.7
CAE	8.8	9.9	18.7	4.1	4.9	9.1	12.9	14.8	27.8
TAFE/Technical college	21.3	16.1	37.4	3.8	3.2	7.0	25.1	19.3	44.4
Other	4.0	10.0	14.0	7.0	6.2	13.2	11.0	16.2	27.2
Total	149.5	137.4	286.9	21.2	20.0	41.2	170.7	157.4	328.1

TABLE 17. LEAVERS AGED 15 TO 64 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED IN 1983 AND LABOUR FORCE STATUS, MAY 1984

Type of educational institution attended in 1983	Employed			Unemployed	In the labour force	Not in the labour force	Total	Unemployment rate	Participation rate
	Full-time	Part-time	Total						
School	113.7	19.6	133.3	43.4	176.7	11.4	188.1	24.6	94.0
University	26.1	5.1	31.2	6.2	37.4	3.3	40.7	16.6	92.0
CAE	17.6	3.4	21.0	4.2	25.2	*	27.8	16.7	90.6
TAFE/Technical college	26.4	3.8	30.1	10.1	40.2	4.1	44.4	25.1	90.7
Other	19.5	*	21.5	4.0	25.5	*	27.2	15.7	93.9
Total	203.2	34.0	237.2	67.8	305.0	23.1	328.1	22.2	93.0

TABLE 18. LEAVERS AGED 15 TO 24 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED IN 1983, TIME OF LEAVING AND AGE, MAY 1984
 ('000)

Time of leaving	Leavers aged 15 to 19			Leavers aged 15 to 24		
	Males	Females	Persons	Males	Females	Persons
ATTENDED SCHOOL IN 1983						
January-June 1983	10.3	9.8	20.0	10.7	9.8	20.5
July-October 1983	10.3	10.0	20.3	10.6	10.2	20.8
November 1983	35.2	32.6	67.8	36.0	32.9	68.8
December 1983-May 1984	43.3	34.1	77.4	43.4	34.1	77.5
Total	99.0	86.5	185.5	100.6	87.0	187.6
ATTENDED TERTIARY INSTITUTION IN 1983						
January-June 1983	*	3.1	5.1	4.9	6.2	11.1
July-October 1983	6.0	4.4	10.4	9.2	7.2	16.4
November 1983	6.8	7.5	14.3	22.2	24.1	46.3
December 1983-May 1984	4.6	5.9	10.5	12.6	12.8	25.5
Total	19.3	21.0	40.4	48.9	50.4	99.3
TOTAL						
January-June 1983	12.3	12.9	25.2	15.6	16.0	31.6
July-October 1983	16.2	14.5	30.7	19.7	17.4	37.2
November 1983	42.0	40.1	82.1	58.2	57.0	115.2
December 1983-May 1984	47.9	40.0	87.9	56.0	46.9	102.9
Total	118.4	107.5	225.9	149.5	137.4	286.9

**TABLE 19. LEAVERS AGED 15 TO 24 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED
IN 1983, LABOUR FORCE STATUS, AGE AND STATE, MAY 1984
(' 000)**

	Attended school in 1983					Attended any educational institution(a) in 1983				
	Employed		Un- employed	In the labour force	Total(b)	Employed		Un- employed	In the labour force	Total(b)
	Full-time	Total				Full-time	Total			
NEW SOUTH WALES										
Males—										
15-19	20.5	22.8	6.8	29.7	31.0	22.8	25.3	8.0	33.4	35.0
15-24	20.7	23.1	7.1	30.1	31.5	29.9	33.4	10.4	43.8	45.6
Females—										
15-19	14.1	17.0	6.3	23.2	25.5	19.5	22.9	7.8	30.7	33.6
15-24	14.1	17.0	6.3	23.2	25.5	24.3	29.5	9.4	38.9	42.3
Persons—										
15-19	34.6	39.8	13.1	52.9	56.5	42.3	48.2	15.8	64.0	68.6
15-24	34.8	40.0	13.3	53.4	57.0	54.2	62.9	19.8	82.7	87.9
VICTORIA										
Males—										
15-19	19.9	21.7	6.2	27.9	29.3	21.3	23.2	6.6	29.7	31.2
15-24	20.1	22.0	6.4	28.4	29.8	26.8	30.0	9.0	39.0	40.8
Females—										
15-19	12.7	15.4	6.5	21.9	23.2	15.9	19.0	7.5	26.6	27.9
15-24	12.9	15.7	6.7	22.3	23.7	24.0	28.1	9.3	37.4	39.1
Persons—										
15-19	32.6	37.2	12.6	49.8	52.6	37.2	42.2	14.1	56.3	59.1
15-24	33.1	37.6	13.1	50.7	53.5	50.8	58.0	18.3	76.3	80.0
QUEENSLAND										
Males—										
15-19	9.3	11.0	3.7	14.7	15.5	16.0	17.9	4.6	22.5	23.7
15-24	9.4	11.2	3.7	14.9	15.7	19.4	21.2	4.9	26.2	27.4
Females—										
15-19	10.2	12.7	3.0	15.8	16.7	13.5	16.2	3.5	19.7	20.6
15-24	10.2	12.7	3.0	15.8	16.7	15.9	18.8	3.9	22.8	23.8
Persons—										
15-19	19.4	23.7	6.8	30.5	32.2	29.5	34.1	8.1	42.2	44.3
15-24	19.6	23.9	6.8	30.7	32.3	35.3	40.1	8.9	48.9	51.2
SOUTH AUSTRALIA										
Males—										
15-19	5.8	6.5	2.9	9.4	9.7	7.1	7.8	3.3	11.1	11.5
15-24	5.9	6.6	2.9	9.5	10.0	8.2	9.6	3.7	13.3	13.8
Females—										
15-19	3.6	5.9	*	7.2	7.9	4.2	6.7	*	8.2	9.0
15-24	3.6	5.9	*	7.2	7.9	5.3	8.3	2.3	10.6	11.7
Persons—										
15-19	9.4	12.3	4.2	16.5	17.6	11.3	14.5	4.8	19.3	20.5
15-24	9.5	12.5	4.2	16.7	17.9	13.5	18.0	5.9	23.9	25.6
WESTERN AUSTRALIA										
Males—										
15-19	6.3	6.6	2.0	8.6	8.8	7.8	8.4	2.9	11.3	11.5
15-24	6.4	6.8	2.0	8.8	8.9	10.4	11.2	3.5	14.8	15.1
Females—										
15-19	4.3	5.5	*	7.5	8.0	5.4	6.8	2.5	9.3	10.2
15-24	4.3	5.5	*	7.5	8.0	6.6	8.3	3.4	11.6	12.8
Persons—										
15-19	10.6	12.1	4.0	16.1	16.8	13.2	15.2	5.4	20.6	21.7
15-24	10.8	12.3	4.0	16.3	17.0	17.0	19.5	6.9	26.4	27.9
TASMANIA										
Males—										
15-19	2.0	2.3	*	2.9	3.1	2.2	2.5	*	3.4	3.6
15-24	2.0	2.3	*	2.9	3.1	2.6	2.8	1.0	3.9	4.0
Females—										
15-19	1.1	1.6	*	2.4	2.7	1.5	2.1	1.1	3.2	3.4
15-24	1.1	1.6	*	2.4	2.8	2.0	2.6	1.1	3.7	4.1
Persons—										
15-19	3.1	3.9	1.5	5.3	5.7	3.7	4.6	2.0	6.6	7.0
15-24	3.1	3.9	1.5	5.3	5.8	4.6	5.4	2.2	7.6	8.1
AUSTRALIA(c)										
Males—										
15-19	65.1	72.4	22.4	94.8	99.0	78.9	86.8	26.4	113.2	118.4
15-24	66.1	73.4	22.8	96.2	100.6	99.5	110.7	32.8	143.4	149.5
Females—										
15-19	47.2	59.5	20.1	79.6	86.5	61.4	75.4	24.1	99.5	107.5
15-24	47.4	59.7	20.3	80.1	87.0	80.1	97.9	29.8	127.6	137.4
Persons—										
15-19	112.3	131.9	42.5	174.4	185.5	140.3	162.1	50.6	212.7	225.9
15-24	113.5	133.1	43.1	176.3	187.6	179.6	208.5	62.5	271.1	286.9

(a) Includes schools. (b) Includes persons not in the labour force. (c) Includes the Northern Territory and the Australian Capital Territory.

TABLE 20. LEAVERS AGED 15 TO 24 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED IN 1983, AGE AT TIME OF LEAVING AND WHETHER ATTENDING AN EDUCATIONAL INSTITUTION, MAY 1984 (' 000)

Age at time of leaving (years)	Attended school in 1983			Attended any educational institution(a) in 1983		
	Males	Females	Persons	Males	Females	Persons
14 and under	*	*	3.6	*	*	3.6
15	25.5	22.1	47.6	25.8	22.7	48.5
16	32.3	27.7	60.0	37.4	31.2	68.5
17	25.4	25.3	50.7	30.7	31.7	62.4
18	12.4	9.3	21.7	17.9	16.9	34.8
19	*	*	3.6	7.5	7.5	15.0
20 to 24	*	*	*	27.7	26.4	54.1
Whether attending an educational institution—						
Attending part-time	22.6	11.5	34.2	34.9	22.7	57.6
Not attending	78.0	75.4	153.4	114.6	114.7	229.3
Total	100.6	87.0	187.6	149.5	137.4	286.9

(a) Includes schools.

TABLE 21. EMPLOYED LEAVERS AGED 15 TO 24 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED IN 1983, INDUSTRY AND FULL-TIME OR PART-TIME STATUS, MAY 1984 (' 000)

Industry	Attended school in 1983			Attended any educational institution(a) in 1983		
	Males	Females	Persons	Males	Females	Persons
Agriculture, forestry, fishing and hunting	6.6	*	7.2	7.3	*	8.0
Manufacturing	17.4	6.3	23.7	23.6	9.0	32.7
Construction	7.5	*	8.4	11.3	*	12.2
Wholesale and retail trade	22.4	23.4	45.8	30.3	31.9	62.2
Transport and storage, communication	*	*	3.5	4.4	*	5.6
Finance, property and business services	5.7	12.1	17.7	8.8	18.4	27.2
Community services	*	6.3	8.1	9.4	18.8	28.2
Recreation, personal and other services	4.2	7.8	12.0	6.1	10.3	16.4
Other(b)	4.8	*	6.8	9.3	6.7	16.0
Total	73.4	59.7	133.1	110.7	97.9	208.5
Full-time workers	66.1	47.4	113.5	99.5	80.1	179.6
Part-time workers	7.3	12.3	19.6	11.2	17.8	28.9

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

TABLE 22. EMPLOYED LEAVERS AGED 15 TO 24 : TYPE OF EDUCATIONAL INSTITUTION ATTENDED IN 1983 AND OCCUPATION, MAY 1984 (' 000)

Occupation	Attended school in 1983			Attended any educational institution(a) in 1983		
	Males	Females	Persons	Males	Females	Persons
Professional, technical, etc.	*	3.4	5.2	14.1	15.1	29.3
Administrative, executive and managerial	*	*	*	*	*	*
Clerical	9.1	26.8	36.0	13.8	45.2	59.0
Sales	6.6	14.0	20.6	8.4	16.8	25.2
Farmers, fisherpersons and timber getters	7.9	*	8.7	9.3	*	10.5
Transport and communication	*	*	*	*	*	*
Trades and production-process workers and labourers, n.e.c.; miners and quarry workers	41.7	5.1	46.8	55.5	6.9	62.5
Service, sport and recreation	4.6	9.1	13.7	6.7	11.5	18.2
Total	73.4	59.7	133.1	110.7	97.9	208.5

(a) Includes schools.

TABLE 23. APPRENTICES : YEAR OF APPRENTICESHIP AND FIELD OF TRADE, MAY 1984
(' 000)

Field of trade	Year of apprenticeship				Total
	First	Second	Third	Fourth(a)	
MALES					
Metal	5.6	6.5	12.2	6.4	30.8
Electrical	4.8	3.0	5.2	5.2	18.2
Building(b)	5.4	5.5	7.0	7.7	25.5
Service	•	•	•	•	•
Food and drink	•	•	3.8	•	8.7
Mechanical, automotive	4.2	4.0	7.9	4.1	20.2
Other(c)	5.1	5.0	5.3	5.9	21.3
Total	27.9	26.9	42.2	30.7	127.5
PERSONS(d)					
Metal	5.8	6.5	12.4	6.4	31.1
Electrical	4.8	3.0	5.2	5.2	18.2
Building(b)	5.8	5.5	7.0	7.7	25.9
Service	3.3	•	4.0	•	11.7
Food and drink	•	•	4.2	•	10.1
Mechanical, automotive	4.2	4.0	7.9	4.1	20.2
Other(c)	6.0	5.8	6.7	6.3	24.7
Total	32.2	30.0	47.3	32.7	142.0

(a) Includes a small number of fifth year apprentices. (b) Includes furniture making. (c) Includes printing; and footwear, clothing and textiles. (d) Includes 14,500 females.

TABLE 24. APPRENTICES : SUMMARY OF CHARACTERISTICS AND YEAR OF APPRENTICESHIP, MAY 1984
(' 000)

	Year of apprenticeship				Total
	First	Second	Third	Fourth(a)	
State—					
N.S.W.	10.5	12.2	16.3	9.3	48.3
Vic.	10.3	7.6	12.7	8.1	38.7
Qld	4.5	3.9	9.8	6.5	24.7
S.A.	2.1	2.4	3.1	3.2	10.7
W.A.	2.6	2.4	3.1	4.9	13.0
Tas.	1.2	•	•	•	3.4
N.T.	•	•	•	•	•
A.C.T.	•	•	•	•	•
Age—					
15-19	30.1	27.4	34.4	17.6	109.5
15	•	•	•	•	2.7
16	8.3	3.2	•	•	11.5
17	11.0	11.4	4.8	•	27.6
18	6.6	9.2	16.4	•	35.1
19	•	3.5	13.2	14.1	33.1
20-24	•	•	12.0	14.7	31.2
25-34	•	•	•	•	1.3
Sector—					
Government	6.9	5.3	5.4	5.2	22.8
Non-government(b)	25.1	24.7	42.0	27.4	119.2
Industry—					
Manufacturing	8.3	10.4	16.1	12.1	46.9
Electricity, gas and water	•	•	•	•	7.2
Construction	4.7	3.9	5.9	7.1	21.6
Wholesale and retail trade	5.3	6.0	11.8	5.5	28.5
Transport and storage; communication	•	•	•	•	5.7
Community services	•	•	•	•	4.8
Recreation, personal and other services	5.0	3.8	5.7	•	16.9
Other(c)	3.7	•	•	•	10.4
Age finished full-time study—					
15	6.5	7.9	12.2	9.1	35.7
16	12.1	13.3	19.4	11.3	56.1
17	8.6	4.5	6.8	5.5	25.3
18	•	•	3.4	•	8.9
19	•	•	•	•	•
Other(d)	•	•	4.5	3.4	13.4
Type of school last attended—					
Government/State	27.8	22.8	39.0	25.8	115.4
Non-government	4.1	7.2	7.6	6.5	25.4
Not asked	•	•	•	•	•
Country of birth—					
Born in Australia	27.8	25.4	43.1	27.6	123.8
Born outside Australia	4.2	4.6	4.3	5.0	18.2
Total	32.0	30.0	47.3	32.7	142.0

(a) Includes a small number of fifth year apprentices. (b) Includes a small number of persons for whom sector could not be determined. (c) Includes agriculture etc; mining; finance, property and business services; and public administration and defence. (d) Includes 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 study.

**TABLE 25. APPRENTICES : SUMMARY OF CHARACTERISTICS
AND FIELD OF TRADE, MAY 1984
(^{'000})**

	Field of trade							Total
	Metal	Electrical	Building(a)	Service	Food and drink	Mechanical, automotive	Other(b)	
State—								
N.S.W.	9.2	6.0	10.2	4.0	*	7.6	8.5	48.3
Vic.	7.8	4.9	6.5	*	*	6.2	8.4	38.7
Qld	6.0	3.6	5.6	2.9	*	*	2.6	24.7
S.A.	3.7	2.0	*	*	*	*	*	10.7
W.A.	2.4	*	*	*	*	2.5	2.4	13.0
Tas.	1.1	*	*	*	*	*	*	3.4
N.T.	*	*	*	*	*	*	*	*
A.C.T.	*	*	*	*	*	*	*	1.6
Age—								
15-19	22.8	13.6	19.4	10.1	8.6	16.5	18.2	109.3
15	*	*	*	*	*	*	*	*
16	*	*	*	*	*	*	*	11.5
17	5.6	*	3.3	3.4	3.0	3.9	5.6	27.6
18	8.0	3.1	6.8	*	3.6	5.8	5.0	35.1
19	6.7	6.1	6.0	*	*	5.4	5.8	33.1
20-24	8.3	4.5	5.7	*	*	3.7	6.1	31.2
25-34	*	*	*	*	*	*	*	*
Sector—								
Government	7.3	5.9	*	*	*	*	4.0	22.8
Non-government(c)	23.9	12.3	23.4	11.2	9.6	18.0	20.7	119.2
Industry—								
Manufacturing	21.9	5.0	6.7	*	*	*	8.7	46.9
Electricity, gas and water	*	*	*	*	*	*	*	7.2
Construction	*	5.3	14.2	*	*	*	*	21.6
Wholesale and retail trade	*	*	*	*	4.2	14.3	3.9	28.5
Transport and storage; communication	*	*	*	*	*	*	*	5.7
Community services	*	*	*	*	*	*	*	4.8
Recreation, personal and other services	*	*	*	10.4	3.4	*	*	16.9
Other(d)	*	*	*	*	*	*	4.4	10.4
Age finished full-time study—								
15	7.9	3.5	7.5	3.6	3.5	5.2	4.6	35.7
16	11.5	7.1	9.8	5.6	4.4	7.2	10.5	56.1
17	5.1	4.4	3.6	*	*	3.9	5.2	25.3
18	*	*	*	*	*	*	*	8.9
19	*	*	*	*	*	*	*	*
Other(e)	3.6	*	*	*	*	*	*	13.4
Country of birth—								
Born in Australia	26.6	16.4	22.5	9.7	8.7	17.8	22.0	123.8
Born outside Australia	4.5	*	3.5	*	*	*	*	18.2
Total	31.1	18.2	25.9	11.7	10.1	20.2	24.7	142.0

(a) Includes furniture making. (b) Includes printing; and footwear, clothing and textiles. (c) Includes a small number of persons for whom sector could not be determined. (d) Includes agriculture, etc; mining; finance, property and business services; and public administration and defence. (e) Includes 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 study.

TECHNICAL NOTE

Estimation procedure

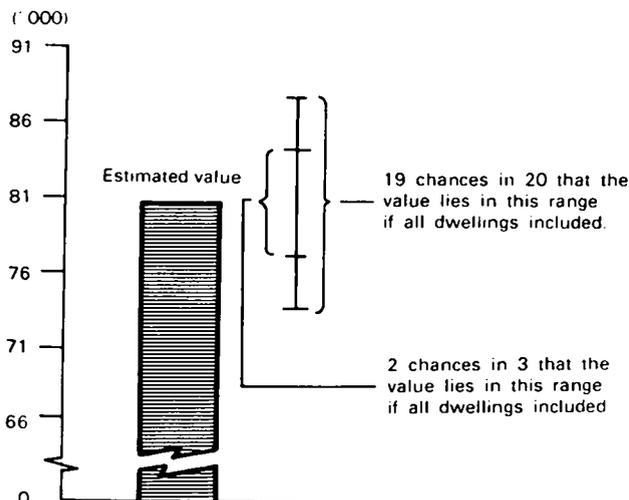
The estimates are derived from the population survey by use of a ratio estimation procedure, which ensures that the estimates conform to an independently estimated distribution of the population for each capital city and remainder of State by age and sex, rather than to the corresponding distribution 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 8 (page 14) shows the estimated number of persons aged 15 to 24 who attended university full-time during 1983 and who were attending an educational institution at May 1984 is 80,600. Since this estimate is between 50,000 and 100,000 in the standard error table, the standard error for Australia will be between 2,900 and 3,900 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 77,100 to 84,100 and about nineteen chances in twenty that the value will fall within the range 73,600 to 87,600. 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 80,600 persons represent 80.0 per cent of the 100,800 persons who attended university full-time during 1983. The standard error of 100,800 is approximately 3,900 so the relative standard error is 3.9 per cent. The relative standard error for 80,600 is 4.3 per cent. Applying the above formula, the relative standard error of the proportion is $\sqrt{(4.3)^2 + (3.9)^2}$ or 1.8 per cent, giving a standard error for the proportion (80.0 per cent) of 1.4 percentage points. Therefore, there are about two chances in three that the proportion of 15 to 24 year old full-time university students attending an educational institution at May 1984 is between 78.6 per cent and 81.4 per cent and nineteen chances in twenty the proportion is within the range 77.2 per cent to 82.8 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				
1,500				—	—	300		390		
2,000				460	490	340	470	440		
2,500			630	510	540	380	510	480		
3,000			690	550	590	410	550	510	800	26.7
3,500	920	910	740	590	630	430	590	540	860	24.6
4,000	980	960	780	620	660	460	620	560	920	23.0
4,500	1,000	1,000	820	650	700	480	650	590	970	21.6
5,000	1,100	1,100	860	680	730	500	680	610	1,000	20.0
6,000	1,200	1,200	930	730	790	530	910	650	1,100	18.3
10,000	1,500	1,400	1,200	900	970	640	910	750	1,400	14.0
20,000	2,000	1,900	1,500	1,200	1,300	810	1,200	910	2,000	10.0
50,000	3,000	2,700	2,200	1,600	1,700	1,100	1,700	1,100	2,900	5.8
100,000	3,900	3,500	2,800	2,100	2,200	1,300		1,300	3,900	3.9
200,000	5,000	4,400	3,600	2,600	2,700	1,500			5,100	2.6
300,000	5,800	5,000	4,100	2,900	3,000				6,000	2.0
500,000	6,900	5,800	4,800	3,300	3,500				7,200	1.4
1,000,000	8,500	7,000	5,900						9,100	0.9
2,000,000	10,000	8,400							11,000	0.6
5,000,000									15,000	0.3
10,000,000									18,000	0.2