



TERTIARY EDUCATION AUSTRALIA 1984

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TERTIARY EDUCATION AUSTRALIA 1984

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(P)

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PREFACE

This publication is the first of a new series and replaces the Universities publications, catalogue numbers 4207.0 and 4208.0, and the Colleges of Advanced Education publications, catalogue numbers 4205.0 and 4206.0.

The statistics in the publication relate to tertiary education in Australia and encompass university education, advanced education and technical and further education (T.A.F.E.).

Tables within the publication have been compiled from data collected by the Commonwealth Tertiary Education Commission (CTEC) and relate to total students enrolled, students commencing and completing courses, and staff engaged in the teaching and organising of these courses.

The publication consists of four sections. Section I presents an overview of tertiary education in Australia and includes comparisons between the different tertiary education sectors and the expenditure on tertiary education in Australia. Sections II and III and IV relate to the University, Advanced Education and Technical and Further Education (T.A.F.E.) sectors, respectively.

Future editions of the publication will aim to present statistics along the lines of the statistical framework outlined in paragraphs 13-15 of the Overview (Section I).

Australian Bureau of Statistics
Belconnen A.C.T. 2616
October 1985

W. McLENNAN
Acting Australian Statistician

EXPLANATORY NOTES

Reference Period

1. Statistics on the university and advanced education sectors generally relate to the 30 April of each year and in this publication are for the years up to 1984. The T.A.F.E. statistics generally relate to the teaching year ending December and in this publication relate to the years 1981, 1982 and 1983.

Comparability

2. As there has been no change in the scope and coverage of university statistics the data are comparable from one year to the other.

3. The coverage of advanced education statistics for 1983 and 1984, however, has been extended, compared with that previously shown in the ABS publication, *Colleges of Advanced Education* (4206.0). Prior to 1983 advanced education statistics referred to advanced education courses conducted only in colleges of advanced education and, for 1982, included former CAE's that are now incorporated within universities. The statistics for 1983 and 1984 relate to all advanced education conducted in Australia, ie in CAE's, Universities, T.A.F.E. institutions, other Commonwealth institutions (the Australian Maritime College in Tasmania) and other institutions which mainly include non-government teachers colleges and theological colleges.

4. Care should therefore be exercised when comparing the 1983 and 1984 advanced education statistics with previous years.

5. The Commonwealth Tertiary Education Commission (CTEC) conducts an annual T.A.F.E. statistical collection. The 1981 collection incorporated a new collection of student statistics for T.A.F.E. to replace the former collection which had operated since 1974. The statistics for 1981 and subsequent years are not comparable with those prior to 1981 as a key feature of the new collection is its emphasis on the individual student as the unit of reporting rather than an enrolment.

Technical notes

6. Further details concerning scope and coverage, reference dates, definitions, etc., are contained in the technical notes for each section which appear at the end of this publication.

Related publications

7. Users may also wish to refer to the following education publications which are available from the ABS on request:

- University Statistics, Australia, 1982* (4208.0)
- Colleges of Advanced Education, Australia, 1982* (4206.0)
- University and Advanced Education Student Statistics, Australia, 1982 to 1984, Summary* (4222.0)
- National Schools Statistics Collection, Australia, 1984* (4221.0)
- Expenditure on Education, Australia, 1981-1982* (5510.0)
- Australian National Accounts: National Income and Expenditure, 1983-84* (5204.0)
- Transition from Education to Work, Australia, May 1984* (6227.0)
- Reasons for Completion or Non-Completion of Secondary Education, Australia, 1982* (4214.0)
- Labour Force Status and Educational Attainment, Australia, February, 1984* (6235.0)

8. Tertiary education publications produced by the Commonwealth Tertiary Education Commission that may be of interest are titled as follows:

- Selected University Statistics*
- Selected Advanced Education Statistics*
- Selected TAFE Statistics*

9. 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

—	nil or rounded to zero
.	not applicable
n.a.	not available
n.e.i.	not elsewhere included
n.e.c.	not elsewhere classifiable
FTE	Full-time equivalent units
CAE	College of Advanced Education
TAFE	Technical and Further Education
r	revised
n/s	not stated

Where figures have been rounded discrepancies may occur between sums of component items and totals.

SECTION I

OVERVIEW

Some Issues

10. Education is an activity of significance in both social and economic terms. It is of major economic importance because of the share of total Australian resources it absorbs. In 1984 approximately 7 per cent of employed persons were in the education industry and public outlay on education was almost 6 per cent of gross domestic product. These resources went to providing education for approximately 3.3 million full-time students, comprising almost 300,000 tertiary students, and 0.9 million part-time students, most of whom were enrolled in tertiary courses.

11. There are many aspects of education of concern including the acquisition of basic skills and knowledge, continuing self development through advanced learning, the opportunity to pursue higher education and to expand skills in adult life, and the realisation of an individuals full economic potential. These concerns frequently interact and reinforce each other.

12. Questions often asked in relation to these concerns reflect the issues of accessibility and quality — what factors affect educational attainment and does the education delivered meet the various quality standards implicit in the aims of any education system? The answers to such questions have important implications from a social and an economic point of view. However, the data available do not satisfactorily answer these questions. The bulk of education data concerns participation in, and expenditure on education. As such the data permit an examination of the quantity of education received but not the quality of that education.

A Statistical Framework

13. The ABS is concerned to develop frameworks for social and demographic statistics and has already carried out some preliminary work in the health and welfare areas of concern. The objective of a statistical framework for a particular area of concern is to describe (via a structuring effect) the principal components of the information system that has been developed (or is being developed) to service that area of concern. These components will reflect, among other things, users' needs to monitor, analyse, plan and evaluate events in that area of concern.

14. In the case of education, a stock-flow approach seems the most useful way of structuring an education information system. Using this approach the education information system could be structured on the basis of

- (1) The different types of key educational establishments that make up the education system (eg primary schools, secondary schools, T.A.F.E. institutions, universities, colleges of advanced education, Departments of education, education research institutions, etc).
- (2) The different flows of resources (eg financial and human) and students into, through, and out of the different types of education streams.

Such a structuring appears useful in that

(a) it enables the education system to be adequately described in terms of the type of establishment

(b) it addresses some of the key education issues in so far as many of these issues are related to a particular education flow. For example, the transition from school to work, continuation of schooling after compulsory school-age is reached, failure to complete higher education, access to higher education and re-entrants to the education system, all relate to flows of students into, through and out of the education system. Similarly, flows of human and financial resources into, through and out of the system reflect key issues with respect to resource allocation and planning

(c) enables links to be effectively made with either information systems via the origin of the inflows (eg the 'public finance' information system for most of the financial inflows, 'working life' information system for inflow of teaching resources or re-entrants to education, 'population' and 'family' information systems for inflows of students to primary schools and the destination of outflows (eg the 'working life' information system for students completing their education and looking for work).

Future Statistical Directions

15. Information requirements on these flows include such things as the size, nature and reasons for the various flows. While it is beyond the scope of this initial publication to develop fully a framework for education statistics, the above represents some preliminary thinking on the matter. Future editions of the publication will aim to develop the ideas further and to present relevant information where possible.

A Statistical Overview

16. In 1984 there were 358,498 students enrolled in higher education courses in Australia (191,701 males and 166,797 females). University student enrolments were 172,678 and advanced education enrolments 185,820.

17. Male students comprised 53.5 per cent of total higher education enrolments and female students 46.5 per cent.

18. There was a total of 59,140 persons employed in the higher education industry in 1984. 24,706 (41.8 per cent) were engaged in teaching and 34,433 (58.2 per cent) were involved in non-teaching duties.

19. There were 1,163,121 students enrolled in T.A.F.E. courses in 1983. 793,470 (68.2 per cent) in vocational and preparatory courses (streams 1-5) and 369,651 (31.8 per cent) enrolled in adult education courses.

20. Staff engaged in the teaching of T.A.F.E. courses totalled 48,026.

21. Due to different collection methodologies it is difficult to aggregate the various sectors of tertiary education, eg universities and advanced education statistics in this publication relate to April 1984 whilst T.A.F.E. data generally relate to December 1983.

22. If, however, these differences are ignored and the three sectors of tertiary education were combined the size of the tertiary education industry in Australia is as follows:

Number of students enrolled	1,521,619
744,258 males	777,361 females

Staff employed	120,151*
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Expenditure (by Public Authorities)	\$9,843.8 million
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*Staff employed in universities and advanced education have been converted to Full-Time Equivalent (F.T.E.) units. Staff in T.A.F.E. are actual numbers and not converted to F.T.E.

DIAGRAM 1.1 STUDENTS ENROLLED IN TERTIARY EDUCATION

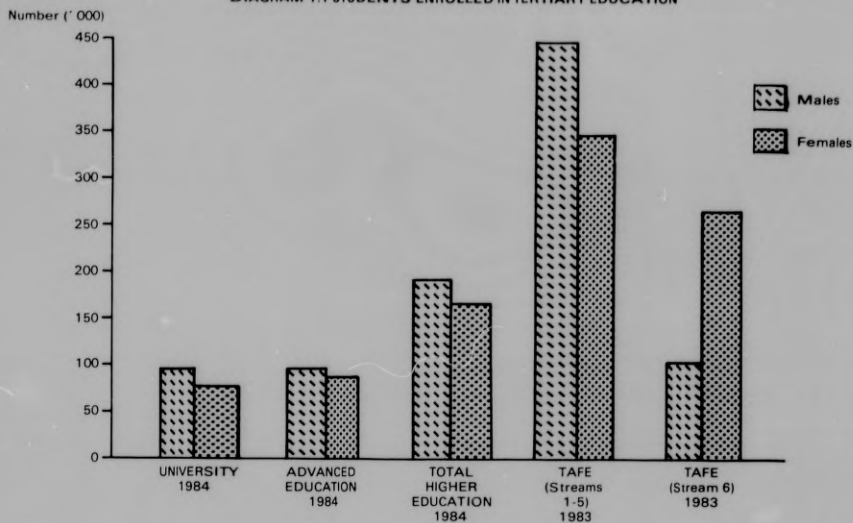
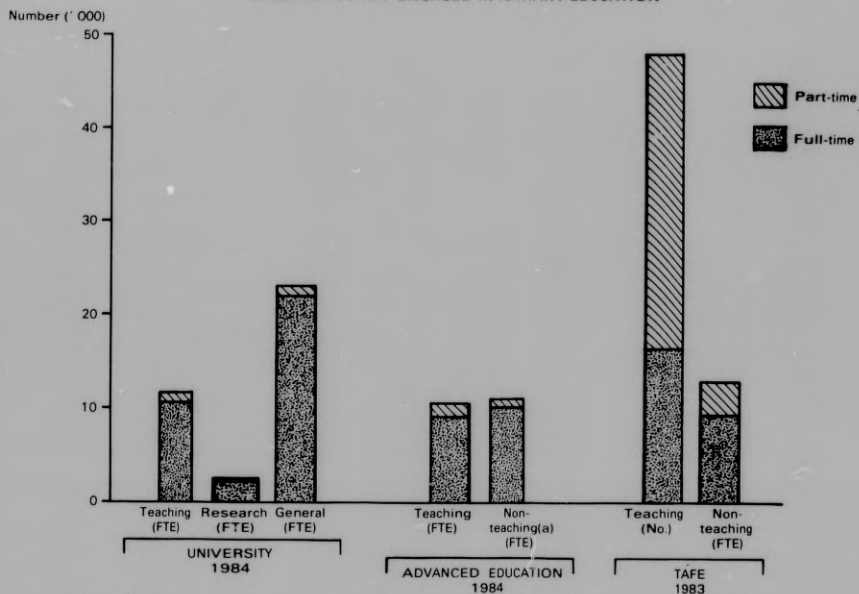


DIAGRAM 1.2 STAFF ENGAGED IN TERTIARY EDUCATION



(a) Non-teaching staff employed by colleges of advanced education; teaching staff relate to staff teaching advanced education courses at CAEs and at all other types of institutions.

DIAGRAM 1.3 STUDENTS ENROLLED IN TERTIARY EDUCATION: AGE GROUPS

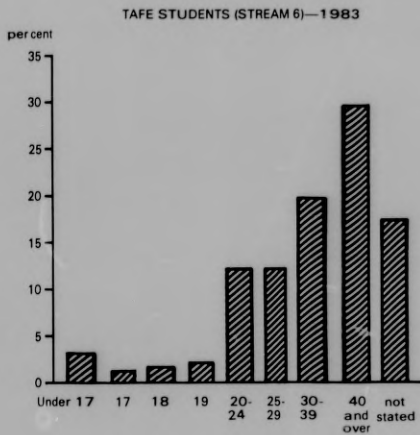
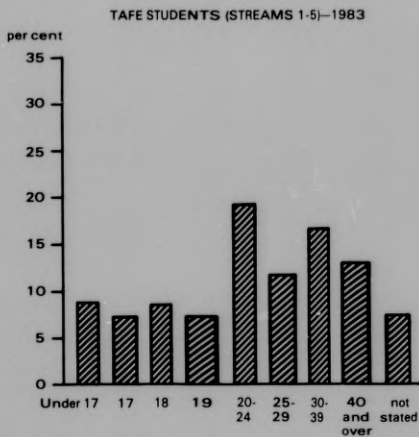
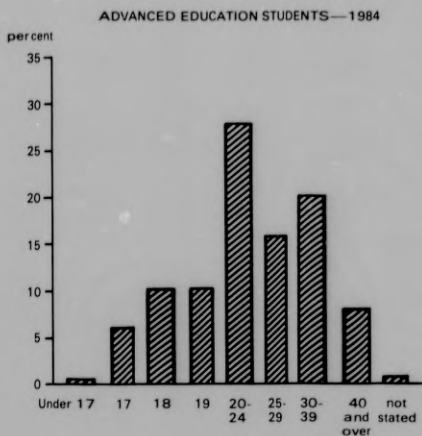
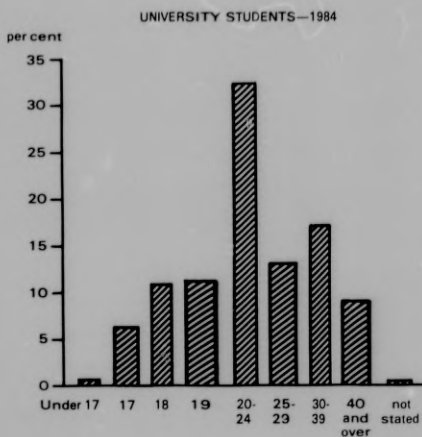


DIAGRAM 1.4 APPARENT RETENTION RATES OF YEAR 5 PRIMARY SCHOOL STUDENTS IN 1976 THROUGH TO HIGHER EDUCATION IN 1984

The retention rates shown below are measures of the tendencies of members of student cohorts to remain at school from Year 5 of primary school to the final grade of secondary school education (Year 12) and then proceed on to higher education direct from school. The rates derived are called *apparent* retention rates because the calculations do not take into account net changes to the school population.

Each figure represents 10 persons



For every 100 students
enrolled in primary
school in Year 5
in 1976

(Student population: 242,600)



92 were enrolled in
secondary school
in Year 10 in 1981

(Student population: 222,200)



41 were enrolled in
secondary school in
Year 12 in 1983

(Student population: 98,700)



18 commenced higher
education in 1984

(Student population: 42,500)

Outlay on education

In 1982-83, \$9,843.8 million, or 5.9 per cent of total gross domestic product, was spent by governments in Australia on education. Of this amount, \$2,982.9 million, or 30.4 per cent of total public authorities outlay on education, was outlayed on tertiary education — University education, \$1,197.2 m (12.2 per cent), Other higher education (advanced education), \$815.8 m (8.3 per cent), Technical and further education (TAFE), \$952.8 m (9.7 per cent) and Tertiary education n.e.c., \$17.1 m (0.2 per cent). This compares with \$647.9 million or 32.6 per cent outlayed on tertiary education in 1972-73.

As can be seen in the diagram, the percentage outlay on TAFE has increased significantly and higher education (university and advanced education) has decreased. In 1972-73, percentage outlays on TAFE, University education and Other higher education (advanced education) comprised 4.4, 16.3 and 11.8 per cent, respectively. In 1982-83, the respective percentages were 9.7, 12.2 and 8.3 per cent.

DIAGRAM 1.5 OUTLAY ON EDUCATION BY PURPOSE: ALL PUBLIC AUTHORITIES, 1972-73 AND 1982-83

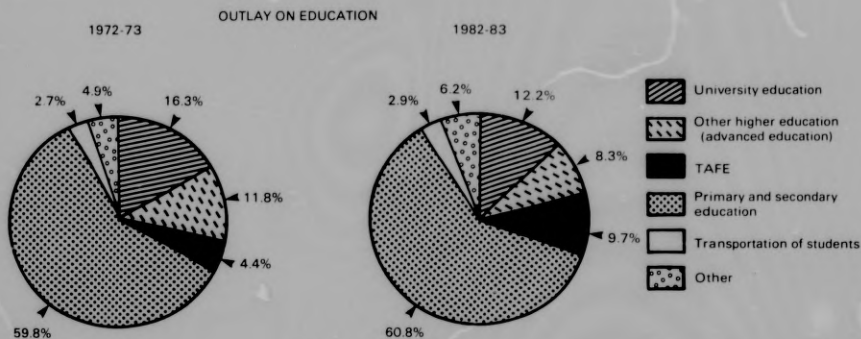


TABLE 1.1 ALL PUBLIC AUTHORITIES: OUTLAY ON EDUCATION BY PURPOSE 1972-73 TO 1982-83

Purpose	1972-73	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83
\$ million							
Transportation of students	54.6	146.8	162.7	188.0	220.1	244.3	283.6
Primary and secondary education	1,187.6	3,528.9	3,785.0	4,120.0	4,703.4	5,268.5	5,988.2
University education	323.9	784.0	824.6	883.4	953.8	1,092.8	1,197.2
Other higher education	234.8	644.6	647.4	655.1	712.5	726.9	815.8
Technical and further education	88.1	381.5	463.8	544.0	641.3	817.1	952.8
Tertiary education n.e.c.	1.1	11.1	14.8	9.7	12.9	14.5	17.1
Other education programs	78.3	214.4	237.9	249.0	295.7	353.1	401.5
Education n.e.c.	17.7	84.4	125.7	144.5	154.4	192.2	187.6
Total	1,986.1	5,795.7	6,261.9	6,793.7	7,694.1	8,709.4	9,843.8
Per cent							
Transportation of students	2.7	2.5	2.6	2.8	2.9	2.8	2.9
Primary and secondary education	59.8	60.9	60.4	60.6	61.1	60.5	60.8
University education	16.3	13.5	13.2	13.0	12.4	12.5	12.2
Other higher education	11.8	11.1	10.3	9.6	9.3	8.3	8.3
Technical and further education	4.4	6.6	7.4	8.0	8.3	9.4	9.7
Tertiary education n.e.c.	0.1	0.2	0.2	0.1	0.2	0.2	0.2
Other education programs	3.9	3.7	3.8	3.7	3.8	4.1	4.1
Education n.e.c.	0.9	1.5	2.0	2.1	2.0	2.2	1.9
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 1.2 ALL PUBLIC AUTHORITIES: OUTLAY ON EDUCATION BY PURPOSE EXPRESSED AS A PERCENTAGE OF GROSS DOMESTIC PRODUCT, 1972-73 TO 1982-83

Purpose	1972-73	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83
Per cent							
Transportation of students	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Primary and secondary education	2.8	3.9	3.7	3.5	3.5	3.5	3.6
University education	0.8	0.9	0.8	0.8	0.7	0.7	0.7
Other higher education	0.5	0.7	0.6	0.6	0.5	0.5	0.5
Technical and further education	0.2	0.4	0.4	0.5	0.5	0.5	0.6
Tertiary education n.e.c.	—	—	—	—	—	—	—
Other education programs	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Education n.e.c.	—	0.1	0.1	0.1	0.1	0.1	0.1
Total	4.6	6.4	6.1	5.8	5.8	5.8	5.9
\$ million							
Gross domestic product (a)	43,024.0	90,911.0	103,186.0	116,617.0	133,142.0	150,683.0	165,499.0

(a) Source: Australian National Accounts: National Income and Expenditure, 1981-84 (ABS Catalogue No. 5204.0)

SECTION II

UNIVERSITIES 1974 TO 1984

UNIVERSITIES

The first of Australia's Universities, the University of Sydney was established in 1850 and since then a further 18 universities have been established, the latest being Deakin University in 1977.

There are 6 universities in New South Wales, 4 in Victoria, 3 in Queensland, 2 in South Australia and Western Australia and one each in Tasmania and the Australian Capital Territory.

Universities are established under Acts of Parliament as self-governing institutions, with each university being managed by its own governing body and generally conferring its own awards. Funding for universities is generally by the Commonwealth Government through State grants legislation. However, private bequests or specific research grants also contribute to the running of universities.

The basic undergraduate course at a university in most disciplines is of 3 years minimum duration and a bachelor degree is awarded at the successful completion of the course. However, some undergraduate courses such as engineering and medicine may take up to four and six years respectively.

A further minimum of one year of study is required for a Masters degree, and a minimum of two years additional study for a Doctorate degree. Universities also offer Post-graduate diploma courses in some disciplines.

The period 1974 to 1984 has seen a steady increase in the number of students enrolled in university courses. In 1974 there were 142,859 students enrolled. This had grown to 172,678 students by 1984, an increase of 20.9 per cent.

The growth in the number of students has been different for males and females. The number of male students increased from 92,484 in 1974 to 96,943 in 1977 but has since declined, to 95,157 in 1984. The number of female students has shown a steady increase from 50,375 in 1974 to 61,468 in 1977 to 77,521 in 1984, an increase of 53.9 per cent (Table 2.5).

In 1984 the distribution of male and female students by their field of study also varies, with females accounting for 63.8 per cent of students in humanities, 60.3 per cent in fine arts, 63.3 per cent in social and behavioural sciences and 59.4 per cent in education. Male student enrolments dominate fields of study such as engineering / technology, 92.5 per cent, architecture / building, 73.2 per cent and agriculture / forestry, 71.0 per cent (Table 2.12).

Of the persons commencing university in 1984, 45.9 per cent had the final school examination as their highest qualification, 20.5 per cent had a university degree and 8.6 per cent an incomplete university degree, while 7.1 per cent had completed or partially completed a course of study at a college of advanced education. It is interesting to note that of all students commencing university courses in 1984, 37.3 per cent came directly from school.

The age distribution of students attending university has also undergone change over the past ten years. In 1974 the majority of students were in the 19 years and under and 20 to 24 year age groups, 34.5 per cent and 36.4 per cent respectively. In 1984 the 19 years and under age group had fallen to 28.4 per cent and the 20 to 24 year age group had fallen to 32.2 per cent of total enrolments.

The fall in the number of enrolments of younger students was compensated for by the increase in enrolments of older students. The 30 to 39 year age group grew from 10.1 per cent in 1974 to 17.2 per cent in 1984 and the 40 years and over age group grew from 4.3 per cent in 1974 to 9.0 per cent in 1984 (Table 2.5).

The majority of students at university are enrolled in full-time courses. Between 1974 and 1984, the peak year for full-time student enrolments was 1975, 65.5 per cent; and the lowest year was 1982, 59.9 per cent. By 1984 full-time student enrolments comprised 61.4 per cent.

In 1984, 78.5 per cent of students at university were studying at the Bachelor degree level, 13.9 per cent were studying for higher degrees and 7.6 per cent were studying for a post-graduate diploma or other non-degree (Table 2.9).

The number of staff employed at universities increased from 12,053 academic and 20,327 non-academic staff in 1974, to 13,838 and 22,890 in 1979, and 14,099 and 23,138 in 1984. This represents an increase of 17.0 per cent for academic staff and 13.8 per cent for non-academic staff.

Student / staff ratios have also varied. In 1974 there were 11.9 students to every academic staff member. In 1979 the ratio had dropped slightly to 11.6. By 1984 there were 12.2 students to every academic staff member.

TABLE 2.1 SUMMARY STATISTICS OF STUDENTS AND STAFF: UNIVERSITY AND BRANCH, 1984

University and branch	STUDENTS												STAFF(a)		
	As at 30 April 1984								As at 30 June 1984				As at 30 April 1984		
	Total students				Students commencing courses				Students completing courses						
	Higher degree	Bachelor degree	Non-degree	Total	Higher degree	Bachelor degree	Non-degree	Total	Higher degree	Bachelor degree	Post-graduate diploma	Total	Academic	General	Total
University of Sydney	3,556	13,561	1,131	18,248	978	3,890	864	5,732	523	2,933	268	3,724	1,798	2,241	4,039
University of New South Wales—															
Kensington	3,015	13,513	913	17,441	741	3,391	644	4,776	n.a.	n.a.	n.a.	n.a.	1,318	2,442	3,760
Broken Hill Division	5	13	—	18	—	—	—	—	n.a.	n.a.	n.a.	n.a.	3	13	16
Duntroon	33	479	10	522	3	143	8	154	n.a.	n.a.	n.a.	n.a.	100	137	237
Jervis Bay	—	55	—	55	—	55	—	55	n.a.	n.a.	n.a.	n.a.	—	—	—
Total University of New South Wales	3,053	14,060	923	18,036	744	3,589	652	4,985	685	2,932	160	3,777	1,420	2,592	4,013
University of Wollongong	328	3,599	427	4,354	80	1,556	309	1,945	55	401	90	546	229	479	708
University of New England	1,269	6,365	1,174	8,808	364	2,179	577	3,120	194	722	305	1,221	511	783	1,294
University of Newcastle	549	4,093	302	4,944	197	1,637	235	2,069	90	539	87	716	350	571	921
Macquarie University	1,427	8,831	875	11,133	446	2,352	640	3,438	250	1,484	92	1,826	661	756	1,417
Total New South Wales	10,182	50,509	4,832	65,523	2,809	15,203	3,277	21,289	1,797	9,011	1,002	11,810	4,970	7,423	12,392
University of Melbourne	2,440	12,200	1,012	15,652	596	3,701	704	5,001	410	2,850	324	3,584	1,546	2,240	3,786
Monash University	2,305	10,638	866	13,809	538	3,161	653	4,352	429	2,549	357	3,335	1,230	1,773	3,003
La Trobe University	826	7,644	677	9,147	271	2,763	520	3,554	112	1,473	307	1,892	603	844	1,447
Deakin University	611	5,262	472	6,345	237	1,919	279	2,435	5	712	47	764	261	332	593
Total Victoria	6,182	35,744	3,027	44,953	1,642	11,544	2,156	15,342	956	7,584	1,035	9,575	3,640	5,190	8,830
University of Queensland	2,240	14,670	1,192	18,102	612	4,335	830	5,777	318	2,824	268	3,410	1,284	2,614	3,898
James Cook University	349	1,639	119	2,107	92	668	77	837	49	294	8	351	261	508	768
Griffith University	289	3,054	118	3,461	115	1,352	81	1,548	23	388	8	419	212	407	619
Total Queensland	2,878	19,363	1,429	23,670	819	6,355	988	8,162	390	3,506	284	4,180	1,757	3,529	5,285
University of Adelaide	1,159	7,137	830	9,126	237	1,976	428	2,641	123	1,531	187	1,841	848	1,389	2,237
Flinders University	397	3,556	507	4,460	110	1,354	348	1,812	70	557	119	746	368	652	1,020
Total South Australia	1,556	10,693	1,337	13,586	347	3,330	776	4,453	193	2,088	306	2,587	1,216	2,041	3,257
University of Western Australia	1,341	7,757	715	9,813	399	2,747	535	3,681	179	1,627	150	1,956	875	1,510	2,385
Murdoch University	338	2,844	369	3,551	103	1,063	239	1,405	38	345	47	430	204	433	636
Total Western Australia	1,679	10,601	1,084	13,364	502	3,810	774	5,086	217	1,972	197	2,386	1,078	1,943	3,021
University of Tasmania	646	3,961	781	5,388	224	1,505	567	2,296	95	760	143	998	411	501	912
Australian National University	850	4,734	610	6,194	281	1,603	229	2,113	201	997	60	1,258	1,027	2,513	3,540
Total all universities	23,973	135,605	13,100	172,678	6,624	43,350	8,767	58,741	3,849	25,918	3,027	32,794	14,099	23,138	37,237

(a) Expressed as full-time equivalent units, rounded to whole numbers.

TABLE 2.2 SUMMARY STATISTICS OF STUDENTS AND STAFF: UNIVERSITY AND BRANCH, 1983

University and branch	STUDENTS												STAFF(a)		
	As at 30 April 1983								As at 30 June 1983				As at 30 April 1983		
	Total students				Students commencing courses				Students completing courses				Academic	General	Total
	Higher degree	Bachelor degree	Non-degree	Total	Higher degree	Bachelor degree	Non-degree	Total	Higher degree	Bachelor degree	Post-graduate diploma	Total			
University of Sydney	3,514	13,655	1,235	18,404	954	4,169	986	6,109	491	2,849	325	3,665	1,729	2,300	4,029
University of New South Wales—															
Kensington	3,032	13,749	962	17,743	946	3,446	750	5,142	n.a.	n.a.	n.a.	n.a.	1,312	2,567	3,879
Broken Hill Division	5	36	3	44	—	1	3	4	n.a.	n.a.	n.a.	n.a.	9	16	25
Durtroon	33	494	5	532	7	145	2	154	n.a.	n.a.	n.a.	n.a.	93	132	225
Jervis Bay	—	57	—	57	—	57	—	57	n.a.	n.a.	n.a.	n.a.	—	—	—
Total University of New South Wales	3,070	14,336	970	18,376	953	3,649	755	5,357	584	2,984	146	3,714	1,414	2,715	4,129
University of Wollongong	330	2,788	380	3,498	125	990	285	1,400	47	374	63	484	219	449	668
University of New England	1,062	6,456	1,225	8,743	240	2,199	667	3,106	117	854	309	1,280	465	759	1,224
University of Newcastle	512	3,656	267	4,435	168	1,294	200	1,662	82	537	117	736	336	569	905
Macquarie University	1,503	8,886	676	11,065	471	2,724	493	3,688	233	1,581	54	1,868	655	731	1,387
Total New South Wales	9,991	49,777	4,753	64,521	2,911	15,025	3,386	21,322	1,554	9,179	1,014	11,747	4,818	7,523	12,341
University of Melbourne	2,426	12,437	967	15,830	692	3,563	684	4,939	460	2,800	294	3,554	1,536	2,248	3,783
Monash University	2,365	10,588	866	13,819	550	2,919	595	4,064	345	2,538	361	3,244	1,197	1,752	2,949
La Trobe University	824	7,368	674	8,866	247	2,598	548	3,393	103	1,486	280	1,869	538	816	1,353
Deakin University	464	4,954	370	5,788	189	1,751	168	2,108	9	631	35	675	254	343	597
Total Victoria	6,079	35,347	2,877	44,303	1,678	10,831	1,995	14,504	917	7,455	970	9,342	3,525	5,159	8,684
University of Queensland	2,281	14,627	1,040	17,948	616	4,078	711	5,405	312	2,733	249	3,294	1,287	2,546	3,833
James Cook University	326	1,587	108	2,021	77	603	76	756	43	270	4	317	255	468	723
Griffith University	228	2,573	97	2,898	66	1,202	77	1,345	24	364	—	388	221	343	564
Total Queensland	2,835	18,787	1,245	22,867	759	5,883	864	7,506	379	3,367	253	3,999	1,763	3,357	5,120
University of Adelaide	1,139	7,172	835	9,146	207	1,961	397	2,565	155	1,381	141	1,677	802	1,431	2,233
Flinders University	397	3,230	469	4,096	102	1,256	318	1,676	45	555	110	710	341	656	997
Total South Australia	1,536	10,402	1,304	13,242	309	3,217	715	4,241	200	1,936	251	2,387	1,143	2,087	3,230
University of Western Australia	1,272	7,815	721	9,808	303	2,805	518	3,626	165	1,690	123	1,978	857	1,514	2,371
Murdoch University	323	2,508	338	3,169	102	849	219	1,170	31	341	31	403	195	416	611
Total Western Australia	1,595	10,323	1,059	12,977	405	3,654	737	4,796	196	2,031	154	2,381	1,051	1,930	2,982
University of Tasmania	652	3,886	691	5,229	230	1,462	441	2,133	97	746	150	993	415	517	932
Australian National University	845	4,753	613	6,211	288	1,617	348	2,253	195	1,020	45	1,260	1,062	2,490	3,553
Total all universities	23,533	133,275	12,542	169,350	6,580	41,689	8,486	56,755	3,538	25,734	2,837	32,109	13,778	23,063	36,842

(a) Expressed as full-time equivalent units, rounded to whole numbers.

DIAGRAM 2.1 UNIVERSITY STUDENTS: STATES AND TERRITORIES, 1984

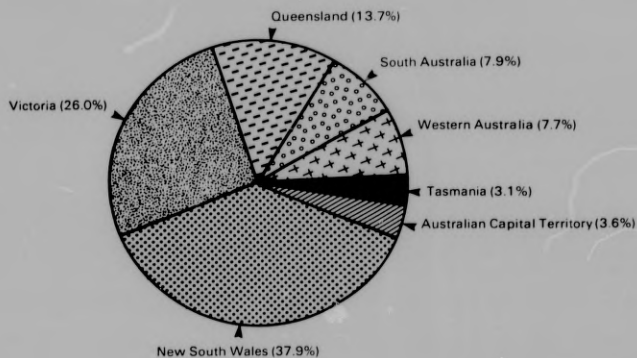


DIAGRAM 2.2 UNIVERSITY STAFF: STATES AND TERRITORIES, 1984

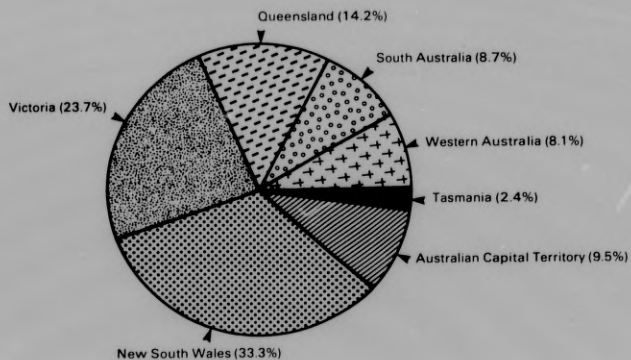


DIAGRAM 2.3 UNIVERSITY STUDENTS: RATIO OF MALES PER 100 FEMALES, 1974 TO 1984

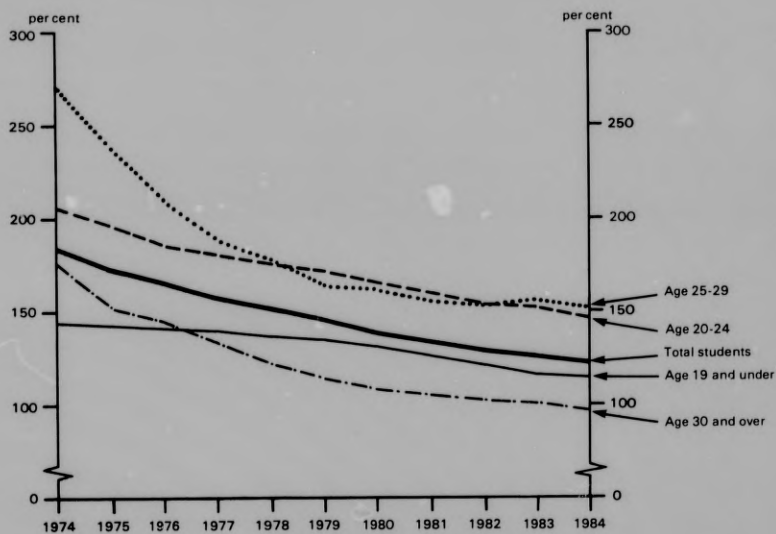


TABLE 2.4 UNIVERSITY STUDENTS: SEX AND TYPE OF ENROLMENT, 1979 TO 1984

At 30 April	Number				Per cent			
	Full-time internal	Part-time internal	External	Total	Full-time internal	Part-time internal	External	Total
MALES								
1979	59,582	28,881	6,791	94,254	62.6	30.3	7.1	100.0
1980	58,923	28,914	7,108	94,945	62.1	30.5	7.5	100.0
1981	58,726	28,963	7,725	95,414	61.5	30.4	8.1	100.0
1982	58,013	28,706	7,635	94,354	61.5	30.4	8.1	100.0
1983	59,121	27,838	7,549	94,508	62.6	29.5	8.0	100.0
1984	60,470	26,946	7,741	95,157	63.5	28.3	8.1	100.0
FEMALES								
1979	39,498	20,038	6,020	65,556	60.3	30.6	9.2	100.0
1980	40,070	21,411	6,730	68,211	58.7	31.4	9.9	100.0
1981	41,198	22,499	7,500	71,197	57.9	31.6	10.5	100.0
1982	42,344	23,194	7,511	73,049	58.0	31.8	10.3	100.0
1983	43,680	23,393	7,769	74,842	58.4	31.3	10.4	100.0
1984	45,549	23,736	8,236	77,521	58.8	30.6	10.6	100.0
PERSONS								
1979	99,080	48,919	12,811	160,810	61.6	30.4	8.0	100.0
1980	98,993	50,325	13,838	163,156	60.7	30.8	8.5	100.0
1981	99,924	51,462	15,225	166,611	60.0	30.9	9.1	100.0
1982	100,357	51,900	15,146	167,403	59.9	31.0	9.0	100.0
1983	102,801	51,231	15,318	169,350	60.7	30.3	9.0	100.0
1984	106,019	50,682	15,977	172,678	61.4	29.4	9.3	100.0

DIAGRAM 2.4 UNIVERSITY STUDENTS: SEX AND TYPE OF ENROLMENT, 1979 TO 1984

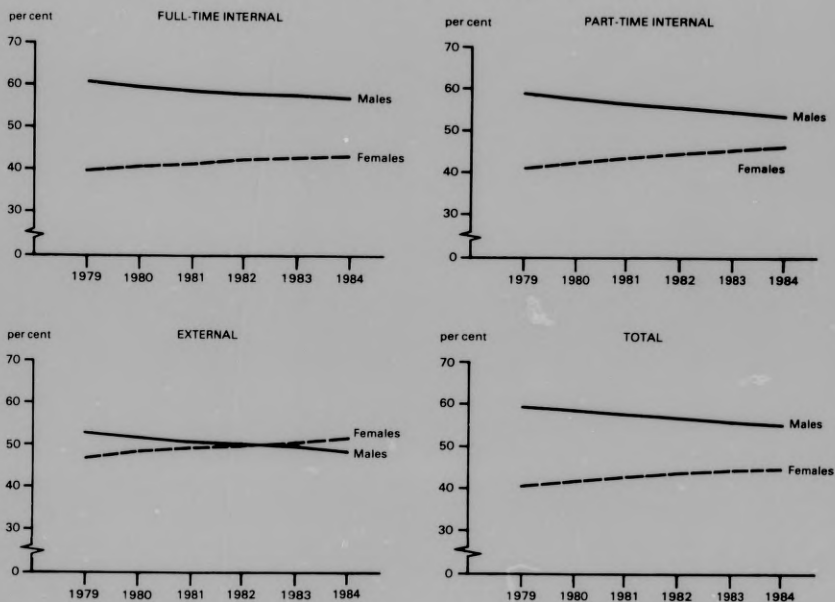


TABLE 2.5 UNIVERSITY STUDENTS: AGE GROUP AND SEX, 1974 TO 1984

Year	19 years and under	20 to 24 years	25 to 29 years	30 to 39 years	40 years and over	Not stated	Total
MALES							
Number							
1974	29,116	34,990	14,891	9,766	3,387	334	92,484
1975	29,480	34,661	15,350	10,445	3,803	339	94,078
1976	29,641	34,452	15,767	11,790	4,249	—	95,899
1977	29,422	34,815	15,569	12,678	4,459	—	96,943
1978	28,177	34,360	15,150	13,393	4,722	416	96,218
1979	27,627	33,561	14,622	13,691	5,033	720	95,254
1980	27,414	33,050	14,673	14,255	5,419	134	94,945
1981	26,778	32,957	14,613	15,107	5,853	106	95,414
1982	25,964	32,754	14,023	15,356	6,142	115	94,354
1983	25,766	33,098	13,738	15,500	6,307	99	94,508
1984	26,108	33,029	13,660	15,704	6,528	128	95,157
Per cent							
1974	31.5	37.8	16.1	10.6	3.7	0.4	100.0
1975	31.3	36.8	16.3	11.1	4.0	0.4	100.0
1976	30.9	35.9	16.4	12.3	4.4	—	100.0
1977	30.3	35.9	16.1	13.1	4.6	—	100.0
1978	29.3	35.7	15.7	13.9	4.9	0.4	100.0
1979	29.0	35.2	15.4	14.4	5.3	0.8	100.0
1980	28.9	34.8	15.5	15.0	5.7	1.1	100.0
1981	28.1	34.5	15.3	15.8	6.1	1.1	100.0
1982	27.5	34.7	14.9	16.3	6.5	0.1	100.0
1983	27.3	35.0	14.5	16.4	6.7	0.1	100.0
1984	27.4	34.7	14.4	16.5	6.9	0.1	100.0
FEMALES							
Number							
1974	20,152	17,071	5,508	4,713	2,805	126	50,375
1975	20,736	17,679	6,480	5,808	3,426	131	54,260
1976	20,979	18,478	7,521	7,089	3,994	—	58,061
1977	21,159	19,265	8,218	8,273	4,553	—	61,468
1978	20,781	19,436	8,576	9,644	5,179	201	63,817
1979	20,654	19,440	8,881	9,571	5,251	282	65,556
1980	20,958	20,032	9,055	11,636	6,462	68	68,211
1981	21,307	20,548	9,396	12,631	7,263	52	71,197
1982	21,630	21,254	9,080	13,027	8,003	55	73,049
1983	22,187	21,963	8,784	13,435	8,426	47	74,842
1984	22,910	22,626	8,986	13,989	8,947	63	77,521
Per cent							
1974	40.0	33.9	10.9	9.4	5.6	0.3	100.0
1975	38.2	32.6	11.9	10.7	6.3	—	100.0
1976	36.1	31.8	13.0	12.2	6.9	—	100.0
1977	34.4	31.3	13.4	13.5	7.4	—	100.0
1978	32.6	30.5	13.4	15.1	8.1	0.3	100.0
1979	31.5	29.7	13.5	16.1	8.8	0.4	100.0
1980	30.7	29.4	13.3	17.1	9.5	0.1	100.0
1981	29.9	28.9	13.2	17.7	10.2	0.1	100.0
1982	29.6	29.1	12.4	17.8	11.0	0.1	100.0
1983	29.6	29.3	11.7	18.0	11.3	0.1	100.0
1984	29.6	29.2	11.6	18.0	11.5	0.1	100.0
PERSONS							
Number							
1974	49,268	52,061	20,399	14,479	6,192	460	142,859
1975	50,216	52,340	21,830	16,253	7,229	470	148,338
1976	50,620	52,930	23,288	18,879	8,243	—	153,960
1977	50,581	54,080	23,787	20,951	9,012	—	158,411
1978	48,958	53,796	23,726	23,037	9,901	617	160,035
1979	48,281	53,001	23,503	24,259	10,784	982	160,810
1980	48,372	53,082	23,728	25,891	11,881	202	163,156
1981	48,085	53,505	24,009	27,738	13,116	158	166,611
1982	47,594	54,008	23,103	28,383	14,145	170	167,403
1983	47,953	55,061	22,522	28,935	14,733	146	169,350
1984	49,018	55,655	22,646	29,693	15,475	191	172,678
Per cent							
1974	34.5	36.4	14.3	10.1	4.3	0.3	100.0
1975	33.9	35.3	14.7	11.0	4.9	0.3	100.0
1976	32.9	34.4	15.1	12.3	5.4	—	100.0
1977	31.9	34.1	15.0	13.2	5.7	—	100.0
1978	30.6	33.6	14.8	14.4	6.2	0.4	100.0
1979	30.0	33.0	14.6	15.1	6.7	0.6	100.0
1980	29.6	32.5	14.5	15.9	7.3	0.1	100.0
1981	28.9	32.1	14.4	16.6	7.9	0.1	100.0
1982	28.4	32.3	13.8	17.0	8.4	0.1	100.0
1983	28.3	32.5	13.3	17.1	8.7	0.1	100.0
1984	28.4	32.2	13.1	17.2	9.0	0.1	100.0

DIAGRAM 2.5 UNIVERSITY STUDENTS: AGE GROUP AND SEX, 1974

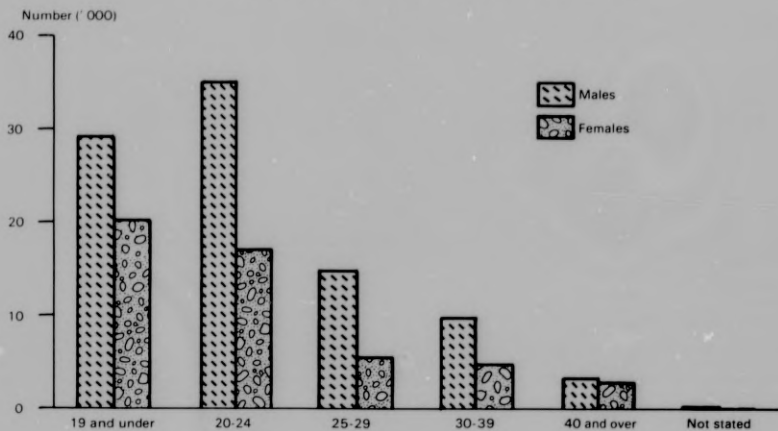


DIAGRAM 2.6 UNIVERSITY STUDENTS: AGE GROUP AND SEX, 1984

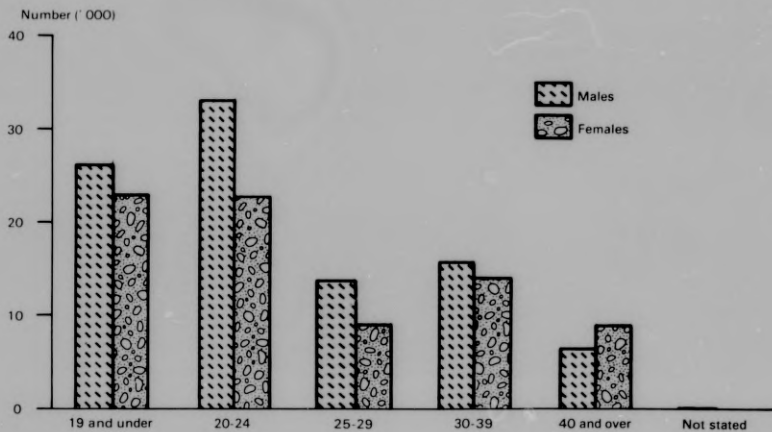


TABLE 2.6 UNIVERSITY STUDENTS: SEX, TYPE OF ENROLMENT AND AGE, 1982 TO 1984

Age (years) at 31 December previous year	Males			Females			Persons		
	1982	1983	1984	1982	1983	1984	1982	1983	1984
FULL-TIME INTERNAL									
Under 17	256	256	299	306	292	298	562	548	597
17	5,310	5,330	5,327	4,815	4,858	5,034	10,125	10,188	10,361
18	9,076	9,190	9,217	7,565	7,865	8,023	16,641	17,055	17,240
19	9,303	9,308	9,587	7,393	7,716	8,055	16,696	17,024	17,642
20	8,666	8,681	8,686	6,339	6,320	6,644	15,005	15,001	15,330
21	6,658	6,813	6,794	4,135	4,330	4,439	10,793	11,143	11,233
22	4,482	4,754	4,800	2,480	2,623	2,667	6,962	7,377	7,467
23	2,834	2,990	3,142	1,393	1,584	1,636	4,227	4,574	3,266
24	1,949	2,019	2,119	936	983	1,147	2,885	3,002	2,406
25	1,413	1,510	1,611	696	757	795	2,109	2,267	2,406
26	1,188	1,210	1,330	612	600	682	1,800	1,810	2,012
27	961	1,031	1,046	522	522	583	1,483	1,553	1,629
28	834	836	914	455	480	487	1,289	1,316	1,401
29	760	750	771	425	442	461	1,185	1,192	1,232
30-39	3,377	3,505	3,758	2,882	2,921	3,139	6,259	6,426	6,897
40 and over	888	881	986	1,369	1,362	1,419	2,257	2,243	2,405
Not stated	58	57	83	21	25	40	79	82	123
Total	58,013	59,121	60,470	42,344	43,680	45,549	100,357	102,801	106,019
PART-TIME(a)									
Under 17	4	2	6	16	15	18	20	17	24
17	291	196	203	241	216	205	532	412	408
18	781	616	622	587	508	555	1,368	1,124	1,177
19	943	868	847	707	717	722	1,650	1,585	1,569
20	1,274	1,195	1,176	1,033	1,049	1,115	2,307	2,244	2,291
21	1,613	1,599	1,506	1,195	1,357	1,235	2,808	2,956	2,741
22	1,696	1,725	1,681	1,298	1,244	1,353	2,994	2,969	3,034
23	1,769	1,683	1,612	1,218	1,219	1,234	2,987	2,902	2,846
24	1,813	1,639	1,513	1,227	1,254	1,156	3,040	2,893	2,669
25	1,818	1,718	1,582	1,253	1,205	1,205	3,071	2,923	2,787
26	1,794	1,722	1,604	1,305	1,176	1,199	3,099	2,898	2,803
27	1,795	1,668	1,619	1,242	1,220	1,187	3,037	2,888	2,806
28	1,683	1,703	1,576	1,323	1,171	1,218	3,006	2,874	2,794
29	1,777	1,590	1,607	1,247	1,211	1,169	3,024	2,801	2,776
30-39	11,979	11,995	11,946	10,145	10,514	10,850	22,124	22,509	22,796
40 and over	5,254	5,426	5,542	6,634	7,064	7,528	11,888	12,490	13,070
Not stated	57	42	45	34	22	23	91	64	68
Total	36,341	35,387	34,687	30,705	31,162	31,972	67,046	66,549	66,659
TOTAL									
Under 17	260	258	305	322	307	316	582	565	621
17	5,601	5,526	5,530	5,056	5,074	5,239	10,657	10,600	10,769
18	9,857	9,806	9,839	8,152	8,373	8,578	18,009	18,179	18,417
19	10,246	10,176	10,434	8,100	8,433	8,777	18,346	18,609	19,211
20	9,940	9,876	9,862	7,372	7,369	7,759	17,312	17,245	17,621
21	8,271	8,412	8,300	5,330	5,687	5,674	13,601	14,099	13,974
22	6,178	6,479	6,481	3,778	3,867	4,020	9,956	10,346	10,501
23	4,603	4,673	4,754	2,611	2,803	2,870	7,214	7,476	7,624
24	3,762	3,658	3,632	2,163	2,237	2,303	5,925	5,895	5,935
25	3,231	3,228	3,193	1,949	1,962	2,000	5,180	5,190	5,193
26	2,982	2,932	2,934	1,917	1,776	1,881	4,899	4,708	4,815
27	2,756	2,699	2,665	1,764	1,742	1,770	4,520	4,441	4,435
28	2,517	2,539	2,490	1,778	1,651	1,705	4,295	4,190	4,195
29	2,537	2,340	2,378	1,672	1,653	1,630	4,209	3,993	4,008
30-39	15,356	15,500	15,704	13,027	13,435	13,989	28,383	28,935	29,693
40 and over	6,142	6,307	6,528	8,003	8,426	8,947	14,145	14,733	15,475
Not stated	115	99	128	55	47	63	170	146	191
Total	94,354	94,508	95,157	73,049	74,842	77,521	167,403	169,350	172,678

(a) Includes External students.

DIAGRAM 2.13 UNIVERSITY STUDENTS COMPLETING COURSES : COURSE LEVEL FOR SELECTED YEARS (PER CENT OF TOTAL COMPLETIONS)

Per cent

TABLE 2.18 UNIVERSITY STAFF: TYPE OF EMPLOYMENT AND ACTIVITY, 1984
(Full-time equivalent units, rounded to whole numbers)

Activity	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	A.C.T.	Australia
FULL-TIME STAFF								

ACADEMIC STAFF—

TABLE 2.8 UNIVERSITY STUDENTS: TYPE OF ENROLMENT AND COURSE LEVEL, 1979 TO 1984

Course level	1979	1980	1981	1982	1983	1984		
						Males	Females	Persons
FULL-TIME INTERNAL								
Higher degree—								
Doctorate (other than Ph.D.)	36	37	39	47	38	38	8	46
Ph.D.	3,550	3,670	3,797	4,082	4,334	3,279	1,295	4,574
Masters—								
Research	1,918	1,952	1,920	1,828	1,945	1,375	716	2,091
Course work	1,362	1,475	1,668	1,814	1,839	1,327	672	1,999
Total	3,280	3,427	3,588	3,642	3,784	2,702	1,388	4,090
Total higher degree	6,866	7,134	7,424	7,771	8,156	6,019	2,691	8,710
Bachelor degree	88,553	88,455	89,142	89,404	91,209	52,674	40,962	93,636
Non-degree—								
Masters preliminary/qualifying	381	362	412	393	395	300	181	481
Post-graduate diploma	2,880	2,685	2,533	2,429	2,648	1,262	1,502	2,764
Other	400	357	413	360	393	215	213	428
Total non-degree	3,661	3,404	3,358	3,182	3,436	1,777	1,896	3,673
Total	99,080	98,993	99,924	100,357	102,801	60,470	45,549	106,019
PART-TIME INTERNAL								
Higher degree—								
Doctorate (other than Ph.D.)	92	76	88	84	73	62	4	66
Ph.D.	2,013	2,096	2,183	2,531	2,399	1,753	671	2,424
Masters—								
Research	3,793	3,695	3,714	3,637	3,448	2,069	1,206	3,275
Course work	6,192	6,470	7,066	7,821	7,773	4,804	2,603	7,407
Total	9,985	10,165	10,780	11,458	11,221	6,873	3,809	10,682
Total higher degree	12,090	12,337	13,051	14,073	13,693	8,688	4,484	13,172
Bachelor degree	29,956	30,779	30,933	30,548	30,156	14,444	15,563	30,007
Non-degree—								
Masters preliminary/qualifying	970	890	912	881	868	496	363	859
Post-graduate diploma	2,091	2,217	2,245	2,171	2,349	1,349	1,056	2,405
Other	3,812	4,102	4,321	4,227	4,165	1,969	2,270	4,239
Total non-degree	6,873	7,209	7,478	7,279	7,382	3,814	3,689	7,503
Total	48,919	50,325	51,462	51,900	51,231	26,946	23,736	50,682
EXTERNAL								
Higher degree—								
Doctorate (other than Ph.D.)	43	51	46	44	49	51	4	55
Ph.D.	190	220	225	252	302	238	82	320
Masters—								
Research	395	412	453	469	427	301	114	415
Course work	318	420	622	772	906	864	437	1,301
Total	713	832	1,075	1,241	1,333	1,165	551	1,716
Total higher degree	946	1,103	1,346	1,537	1,684	1,454	637	2,091
Bachelor degree	10,713	11,430	12,297	12,040	11,910	5,133	6,829	11,962
Non-degree—								
Masters preliminary/qualifying	9	35	23	16	69	54	41	95
Post-graduate diploma	728	783	923	995	1,078	790	362	1,152
Other	415	487	636	558	577	310	367	677
Total non-degree	1,152	1,305	1,582	1,569	1,724	1,154	770	1,924
Total	12,811	13,838	15,225	15,146	15,318	7,741	8,236	15,977
TOTAL								
Higher degree—								
Doctorate (other than Ph.D.)	171	164	173	175	160	151	16	167
Ph.D.	5,753	5,986	6,205	6,865	7,035	5,270	2,048	7,318
Masters—								
Research	6,106	6,059	6,087	5,934	5,820	3,745	2,036	5,781
Course work	7,872	8,365	9,356	10,407	10,518	6,995	3,712	10,707
Total	13,978	14,424	15,443	16,341	16,338	10,740	5,748	16,488
Total higher degree	19,902	20,574	21,821	23,381	23,533	16,161	7,812	23,973
Bachelor degree	129,222	130,664	132,372	131,992	133,275	72,251	63,354	135,605
Non-degree—								
Masters preliminary/qualifying	1,360	1,287	1,347	1,290	1,332	850	585	1,435
Post-graduate diploma	5,699	5,685	5,701	5,597	6,075	3,401	2,920	6,321
Other	4,627	4,946	5,370	5,145	5,135	2,494	2,850	5,344
Total non-degree	11,686	11,918	12,418	12,030	12,542	6,745	6,355	13,100
Total	160,810	163,156	166,611	167,403	169,350	95,157	77,521	172,678

<i>Course level</i>	<i>1979</i>	<i>1980</i>	<i>1981</i>	<i>1982</i>	<i>1983</i>	<i>1984</i>
MALES						
Higher degree— Doctorate (other than Ph.D.)	0.2	0.2	0.2	0.2	0.2	0.2
Ph.D.	4.6	4.8	4.9	5.4	5.4	5.5
Master	10.5	10.7	11.1	11.6	11.5	11.3
Total higher degree	15.3	15.6	16.2	17.1	17.1	17.0
Bachelor degree	78.1	77.6	76.9	76.1	76.1	75.9
Non-degree— Post-graduate diploma	3.3	3.3	3.3	3.3	3.4	3.6
Other	3.4	3.5	3.6	3.5	3.4	3.5
Total non-degree	6.7	6.8	7.0	6.7	6.9	7.1
Total	100.0	100.0	100.0	100.0	100.0	100.0
FEMALES						
Higher degree— Doctorate (other than Ph.D.)	—	—	—	—	—	—
Ph.D.	2.1	2.1	2.2	2.4	2.5	2.6
Master	6.1	6.3	6.8	7.4	7.3	7.4
Total higher degree	8.2	8.5	9.0	9.9	9.9	10.1
Bachelor degree	83.7	83.5	82.9	82.4	82.0	81.7
Non-degree— Post-graduate diploma	3.9	3.8	3.5	3.5	3.8	3.8
Other	4.2	4.3	4.6	4.3	4.3	4.4
Total non-degree	8.1	8.0	8.1	7.8	8.1	8.2
Total	100.0	100.0	100.0	100.0	100.0	100.0
PERSONS						
Higher degree— Doctorate (other than Ph.D.)	0.1	0.1	0.1	0.1	0.1	0.1
Ph.D.	3.6	3.7	3.7	4.1	4.2	4.2
Master	8.7	8.8	9.3	9.8	9.6	9.5
Total higher degree	12.4	12.6	13.1	14.0	13.9	13.9
Bachelor degree	80.4	80.1	79.4	78.8	78.7	78.5
Non-degree — Post-graduate diploma	3.5	3.5	3.4	3.3	3.6	3.7
Other	3.7	3.8	4.0	3.8	3.8	3.9
Total non-degree	7.3	7.3	7.5	7.2	7.4	7.6
Total	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 2.10 UNIVERSITY STUDENTS: COURSE LEVEL, SEX AND AGE, 1984

Sex and age (years)	Number						Per cent					
	Doctorate (a)	Masters degree	Post-graduate diploma	Bachelor degree	Other	Total	Doctorate (a)	Masters degree	Post-graduate diploma	Bachelor degree	Other	Total
MALES												
Under 17	—	—	—	304	1	305	—	—	—	99.7	0.3	100.0
17	—	—	—	5,511	19	5,530	—	—	—	99.7	0.3	100.0
18	—	—	—	9,790	49	9,839	—	—	—	99.5	0.5	100.0
19	—	1	5	10,374	54	10,434	—	—	—	99.4	0.5	100.0
20	7	17	83	9,629	126	9,862	0.1	0.2	0.8	97.6	1.3	100.0
21	76	131	169	7,788	136	8,300	0.9	1.6	2.0	93.8	1.6	100.0
22	174	302	183	5,628	194	6,481	2.7	4.7	2.8	86.8	3.0	100.0
23	310	434	218	3,588	204	4,754	6.5	9.1	4.6	75.5	4.3	100.0
24	348	499	189	2,425	171	3,632	9.6	13.7	5.2	66.8	4.7	100.0
25	392	543	207	1,878	173	3,193	12.3	17.0	6.5	58.8	5.4	100.0
26	338	621	206	1,586	183	2,934	11.5	21.2	7.0	54.1	6.2	100.0
27	322	606	185	1,389	163	2,665	12.1	22.7	6.9	52.1	6.1	100.0
28	284	604	192	1,266	144	2,490	11.4	24.3	7.7	50.8	5.8	100.0
29	292	595	178	1,146	167	2,378	12.3	25.0	7.5	48.2	7.0	100.0
30-39	2,019	4,595	1,210	6,887	993	15,704	12.9	29.3	7.7	43.9	6.3	100.0
40-49	621	1,317	308	1,964	334	4,544	13.7	29.0	6.8	43.2	7.4	100.0
50-59	182	372	49	705	121	1,429	12.7	26.0	3.4	49.3	8.5	100.0
60 and over	50	90	17	303	95	555	9.0	16.2	3.1	54.6	17.1	100.0
Not stated	6	13	2	90	17	128	4.7	10.2	1.6	70.3	13.3	100.0
Total	5,421	10,740	3,401	72,251	3,344	95,157	5.7	11.3	3.6	75.9	3.5	100.0
FEMALES												
Under 17	—	—	—	309	7	316	—	—	—	97.8	2.2	100.0
17	—	—	1	5,171	67	5,239	—	—	—	98.7	1.3	100.0
18	—	2	—	8,465	111	8,578	—	—	—	98.7	1.3	100.0
19	—	1	16	8,640	120	8,777	—	—	0.2	98.4	1.4	100.0
20	2	8	233	7,342	174	7,759	—	0.1	3.0	94.6	2.2	100.0
21	26	58	345	5,085	160	5,674	0.5	1.0	6.1	89.6	2.8	100.0
22	72	186	283	3,301	178	4,020	1.8	4.6	7.0	82.1	4.4	100.0
23	109	219	216	2,142	184	2,870	3.8	7.6	7.5	74.6	6.4	100.0
24	126	260	153	1,591	173	2,303	5.5	11.3	6.6	69.1	7.5	100.0
25	116	301	155	1,284	144	2,000	5.8	15.1	7.8	64.2	7.2	100.0
26	113	302	119	1,233	114	1,881	6.0	16.1	6.3	65.6	6.1	100.0
27	91	319	123	1,121	116	1,770	5.1	18.0	6.9	63.3	6.6	100.0
28	99	309	108	1,074	115	1,705	5.8	18.1	6.3	63.0	6.7	100.0
29	89	262	96	1,067	116	1,630	5.5	16.1	5.9	65.5	7.1	100.0
30-39	758	2,193	762	9,347	929	13,989	5.4	15.7	5.4	66.8	6.6	100.0
40-49	331	966	231	4,142	425	6,095	5.4	15.8	3.8	68.0	7.0	100.0
50-59	104	296	63	1,515	197	2,175	4.8	13.6	2.9	69.7	9.1	100.0
60 and over	26	64	12	477	98	677	3.8	9.5	1.8	70.5	14.5	100.0
Not stated	2	2	4	48	7	63	3.2	3.2	6.3	76.2	11.1	100.0
Total	2,064	5,748	2,920	63,354	3,435	77,521	2.7	7.4	3.8	81.7	4.4	100.0
PERSONS												
Under 17	—	—	—	613	8	621	—	—	—	98.7	1.3	100.0
17	—	—	1	10,682	86	10,769	—	—	—	99.2	0.8	100.0
18	—	2	—	18,255	160	18,417	—	—	—	99.1	0.9	100.0
19	—	2	21	19,014	174	19,211	—	—	0.1	99.0	0.9	100.0
20	9	25	316	16,971	300	17,621	0.1	0.1	1.8	96.3	1.7	100.0
21	102	189	514	12,873	296	13,974	0.7	1.4	3.7	92.1	2.1	100.0
22	246	488	466	8,929	372	10,501	2.3	4.6	4.4	85.0	3.5	100.0
23	419	653	434	5,730	388	7,624	5.5	8.6	5.7	75.2	5.1	100.0
24	474	759	342	4,016	344	5,935	8.0	12.8	5.8	67.7	5.8	100.0
25	508	844	362	3,162	317	5,193	9.8	16.3	7.0	60.9	6.1	100.0
26	451	923	325	2,819	297	4,815	9.4	19.2	6.7	58.5	6.2	100.0
27	413	925	308	2,510	279	4,435	9.3	20.9	6.9	56.6	6.3	100.0
28	383	913	300	2,340	259	4,195	9.1	21.8	7.2	55.8	6.2	100.0
29	381	857	274	2,213	283	4,008	9.5	21.4	6.8	55.2	7.1	100.0
30-39	2,777	6,788	1,972	16,234	1,922	29,693	9.4	22.9	6.6	54.7	6.5	100.0
40-49	952	2,283	539	6,106	759	10,639	8.9	21.5	5.1	57.4	7.1	100.0
50-59	286	668	112	2,220	318	3,604	7.9	18.5	3.1	61.6	8.8	100.0
60 and over	76	154	29	780	193	1,232	6.2	12.5	2.4	63.3	15.7	100.0
Not stated	8	15	6	138	24	191	4.2	7.9	3.1	72.3	12.6	100.0
Total	7,485	16,488	6,321	135,605	6,779	172,678	4.3	9.5	3.7	78.5	3.9	100.0

(a) Includes Ph.D.s

TABLE 2.12 UNIVERSITY STUDENTS: MALES AND FEMALES WITHIN EACH FIELD OF STUDY, 1982 TO 1984
(Per cent)

Field of study	1982			1983			1984		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
Humanities	36.2	63.8	100.0	36.0	64.0	100.0	36.2	63.8	100.0
Fine arts	40.2	59.8	100.0	41.3	58.7	100.0	39.7	60.3	100.0
Social and behavioural sciences	38.4	61.6	100.0	37.9	62.1	100.0	36.7	63.3	100.0
Law	61.7	38.3	100.0	60.1	39.9	100.0	58.9	41.1	100.0
Education	42.1	57.9	100.0	40.7	59.3	100.0	40.6	59.4	100.0
Economics, commerce, government	71.1	28.9	100.0	69.6	30.4	100.0	68.1	31.9	100.0
Medicine	59.1	40.9	100.0	58.3	41.7	100.0	57.8	42.2	100.0
Dentistry	73.5	26.5	100.0	72.4	27.6	100.0	69.8	30.2	100.0
Natural sciences	64.5	35.5	100.0	63.8	36.2	100.0	63.2	36.8	100.0
Engineering, technology	93.8	6.2	100.0	93.0	7.0	100.0	92.5	7.5	100.0
Architecture, building	74.8	25.2	100.0	74.1	25.9	100.0	73.2	26.8	100.0
Agriculture, forestry	74.8	25.2	100.0	74.2	25.8	100.0	71.0	29.0	100.0
Veterinary science	58.5	41.5	100.0	56.1	43.9	100.0	53.1	46.9	100.0
Other or not stated	48.8	51.2	100.0	48.0	52.0	100.0	45.3	54.7	100.0
Total	56.4	43.6	100.0	55.8	44.2	100.0	55.1	44.9	100.0

DIAGRAM 2.8 UNIVERSITY STUDENTS: FIELDS OF STUDY: MALES, 1984

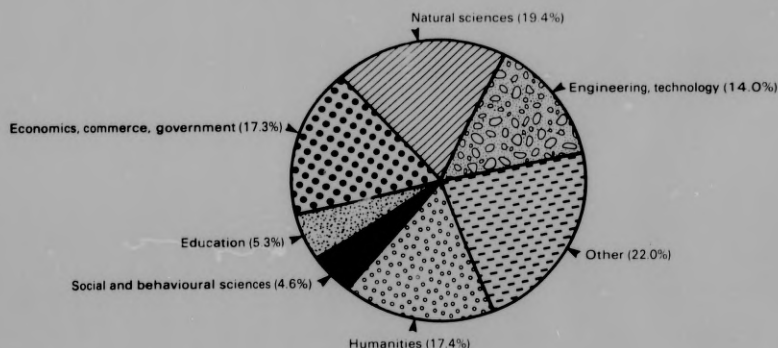


DIAGRAM 2.9 UNIVERSITY STUDENTS: FIELDS OF STUDY: FEMALES, 1984

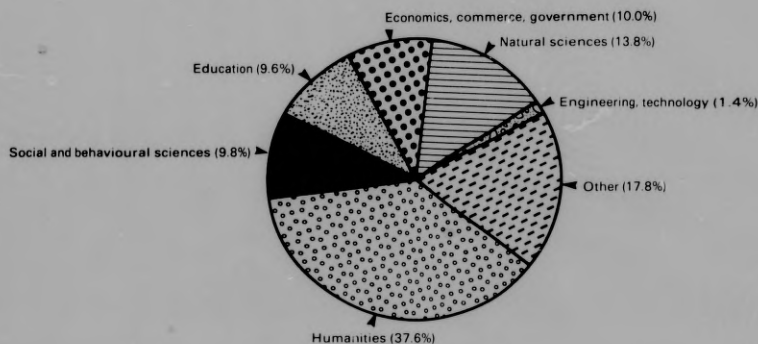


TABLE 2.13 UNIVERSITY COMMENCING STUDENTS: COURSE LEVEL, SEX AND AGE, 1984

Sex and age (years)	Number					Per cent						
	Doctorate (a)	Masters degree	Post-graduate diploma	Bachelor degree	Other	Total	Doctorate (a)	Masters degree	Post-graduate diploma	Bachelor degree	Other	Total
MALES												
Under 17	—	—	—	303	1	304	—	—	—	99.7	0.3	100.0
17	—	—	—	5,298	19	5,317	—	—	—	99.6	0.4	100.0
18	—	—	—	5,563	43	5,606	—	—	—	99.2	0.8	100.0
19	—	1	5	2,341	42	2,389	—	—	0.2	98.0	1.8	100.0
20	7	15	81	1,521	100	1,724	0.4	0.9	4.7	88.2	5.8	100.0
21	70	119	152	1,018	97	1,456	4.8	8.2	10.4	69.9	6.7	100.0
22	102	196	161	764	162	1,385	7.4	14.2	11.6	55.2	11.7	100.0
23	82	196	176	603	159	1,216	6.7	16.1	14.5	49.6	13.1	100.0
24	68	193	139	499	117	1,016	6.7	19.0	13.7	49.1	11.5	100.0
25	78	179	132	455	95	939	8.3	19.1	14.1	48.5	10.1	100.0
26	57	209	134	412	129	941	6.1	22.2	14.2	43.8	13.7	100.0
27	46	180	108	361	105	800	5.8	22.5	13.5	45.1	13.1	100.0
28	45	157	117	357	95	771	5.8	20.4	15.2	46.3	12.3	100.0
29	58	162	106	325	116	767	7.6	21.1	13.8	42.4	15.1	100.0
30-39	285	1,261	671	1,841	644	4,702	6.1	26.8	14.3	39.2	13.7	100.0
40-49	77	322	143	498	213	1,253	6.1	25.7	11.4	39.7	17.0	100.0
50-59	22	81	26	176	60	365	6.0	22.2	7.1	48.2	16.4	100.0
60 and over	10	18	8	66	47	149	6.7	12.1	5.4	44.3	31.5	100.0
Not stated	3	11	2	58	16	90	3.3	12.2	2.2	64.4	17.7	100.0
Total	1,010	3,300	2,161	22,459	2,260	31,190	3.2	10.6	6.9	72.0	7.2	100.0
FEMALES												
Under 17	—	—	—	307	7	314	—	—	—	97.8	2.2	100.0
17	—	—	1	4,925	61	4,987	—	—	—	98.8	1.2	100.0
18	—	2	—	4,675	77	4,754	—	—	—	98.3	1.6	100.0
19	—	1	16	1,813	79	1,909	—	0.1	0.8	95.0	4.1	100.0
20	2	7	223	1,010	124	1,366	0.1	0.5	16.3	73.9	9.1	100.0
21	25	53	714	782	116	1,290	1.9	4.1	24.3	60.6	9.0	100.0
22	47	116	239	602	147	1,151	4.1	10.1	20.8	52.3	12.8	100.0
23	32	97	163	524	133	949	3.4	10.2	17.2	55.2	14.0	100.0
24	27	115	115	462	123	842	3.2	13.7	13.7	54.9	14.6	100.0
25	26	127	103	390	88	734	3.5	17.3	14.0	53.1	12.0	100.0
26	13	114	78	425	73	703	1.8	16.2	11.1	60.5	10.4	100.0
27	12	94	71	381	80	638	1.9	14.7	11.1	59.7	12.5	100.0
28	20	88	66	316	65	555	3.6	15.9	11.9	56.9	11.7	100.0
29	19	82	63	338	78	580	3.3	14.1	10.9	58.3	13.4	100.0
30-39	128	662	431	2,533	599	4,353	2.9	15.2	9.9	58.2	13.8	100.0
40-49	42	271	128	969	263	1,673	2.5	16.2	7.7	57.9	15.7	100.0
50-59	7	67	38	295	112	519	1.3	12.9	7.3	56.8	21.6	100.0
60 and over	4	12	9	106	52	183	2.2	6.6	4.9	57.9	28.4	100.0
Not stated	1	1	4	38	7	51	2.0	2.0	7.8	74.5	13.7	100.0
Total	405	1,909	2,062	20,891	2,284	27,551	1.5	6.9	7.5	75.8	8.3	100.0
PERSONS												
Under 17	—	—	—	610	8	618	—	—	—	98.7	1.3	100.0
17	—	—	1	10,223	80	10,304	—	—	—	99.2	0.8	100.0
18	—	2	—	10,238	120	10,360	—	—	—	98.8	1.2	100.0
19	—	—	2	4,154	121	4,298	—	—	0.5	96.6	2.8	100.0
20	9	22	304	2,531	224	3,090	0.3	0.7	9.8	81.9	7.2	100.0
21	95	172	466	1,800	213	2,746	3.5	6.3	17.0	65.5	7.8	100.0
22	149	312	400	1,366	309	2,536	5.9	12.3	15.8	53.9	12.2	100.0
23	114	293	339	1,127	292	2,165	5.3	13.5	15.7	52.1	13.5	100.0
24	95	308	254	961	240	1,858	5.1	16.6	13.7	51.7	12.9	100.0
25	104	306	235	845	183	1,673	6.2	18.3	14.0	50.5	10.9	100.0
26	70	323	212	837	202	1,644	4.3	19.6	12.9	50.9	12.3	100.0
27	58	274	179	742	185	1,438	4.0	19.1	12.4	51.6	12.9	100.0
28	65	245	183	673	160	1,326	4.9	18.5	13.8	50.8	12.1	100.0
29	77	244	169	663	194	1,347	5.7	18.1	12.5	49.2	14.4	100.0
30-39	413	1,923	1,102	4,374	1,243	9,055	4.6	21.2	12.2	48.3	13.7	100.0
40-49	119	593	271	1,467	476	2,926	4.1	20.3	9.3	50.1	16.3	100.0
50-59	29	148	64	471	172	884	3.3	16.7	7.2	53.2	19.5	100.0
60 and over	14	30	17	172	99	332	4.2	9.0	5.1	51.8	29.8	100.0
Not stated	4	12	6	96	23	141	2.8	8.5	4.3	68.1	16.3	100.0
Total	1,415	5,209	4,223	43,350	4,544	58,741	2.4	8.9	7.2	73.8	7.7	100.0

(a) Includes Ph.D.s

TABLE 2.14 UNIVERSITY COMMENCING STUDENTS: TYPE OF ENROLMENT, SEX AND HIGHEST QUALIFICATION ON COMMENCEMENT, 1983 AND 1984

Highest qualification on commencement	1983				1984			
	Full-time internal	Part-time internal	External	Total	Full-time internal	Part-time internal	External	Total
MALES								
Obtained in Australia—								
University—								
Complete	2,607	3,221	852	6,680	2,768	2,971	890	6,629
Incomplete	1,873	1,004	231	3,108	1,820	845	280	2,945
College of advanced education—								
Complete	226	631	344	1,201	287	685	363	1,335
Incomplete	253	214	71	538	238	205	83	526
Final school examination—								
In the previous year	10,275	444	20	10,739	11,177	471	120	11,768
One year ago	1,173	132	10	1,315	960	123	17	1,100
More than one year ago	716	376	159	1,251	764	402	147	1,313
Not stated	37	41	—	78	55	34	1	90
Total final school exam	12,201	993	189	13,383	12,956	1,030	285	14,271
Other	829	797	449	2,075	902	774	335	2,011
Total obtained in Australia	17,989	6,860	2,136	26,985	18,971	6,510	2,236	27,717
Obtained overseas	1,922	834	249	3,005	1,797	718	224	2,739
Not stated	173	225	17	415	350	359	25	734
Total	20,084	7,919	2,402	30,405	21,118	7,587	2,485	31,190
FEMALES								
Obtained in Australia—								
University—								
Complete	2,217	2,479	610	5,306	2,258	2,487	654	5,399
Incomplete	1,255	686	198	2,139	1,213	670	226	2,109
College of advanced education—								
Complete	256	854	533	1,643	279	991	518	1,788
Incomplete	202	204	75	481	219	193	106	518
Final school examination—								
In the previous year	8,581	423	36	9,040	9,411	460	258	10,129
One year ago	1,099	172	22	1,293	984	183	33	1,200
More than one year ago	627	439	207	1,273	633	463	199	1,295
Not stated	18	42	—	60	34	46	1	81
Total final school exam	10,325	1,076	265	11,666	11,062	1,152	491	12,705
Other	866	1,153	623	2,642	851	1,200	508	2,559
Total obtained in Australia	15,121	6,452	2,304	23,877	15,882	6,693	2,503	25,078
Obtained overseas	1,208	676	208	2,092	1,133	577	184	1,894
Not stated	124	242	15	381	215	319	45	579
Total	16,453	7,370	2,527	26,350	17,230	7,589	2,732	27,551
PERSONS								
Obtained in Australia—								
University—								
Complete	4,824	5,700	1,462	11,986	5,026	5,458	1,544	12,028
Incomplete	3,128	1,690	429	5,247	3,033	1,515	506	5,054
College of advanced education—								
Complete	482	1,485	877	2,844	566	1,676	881	3,123
Incomplete	455	418	146	1,019	457	398	189	1,044
Final school examination—								
In the previous year	18,856	867	56	19,779	20,588	931	378	21,897
One year ago	2,272	304	32	2,608	1,944	306	50	2,300
More than one year ago	1,343	815	366	2,524	1,397	865	346	2,608
Not stated	55	83	—	138	89	80	2	171
Total final school exam	22,526	2,069	454	25,049	24,018	2,182	776	26,976
Other	1,695	1,950	1,072	4,717	1,753	1,974	843	4,570
Total obtained in Australia	33,110	13,312	4,440	50,862	34,853	13,203	4,739	52,795
Obtained overseas	3,130	1,510	457	5,097	2,930	1,295	408	4,633
Not stated	297	467	32	796	565	678	70	1,313
Total	36,537	15,289	4,929	56,755	38,348	15,176	5,217	58,741

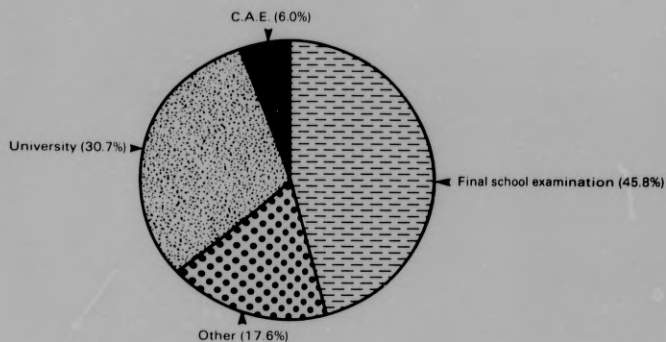
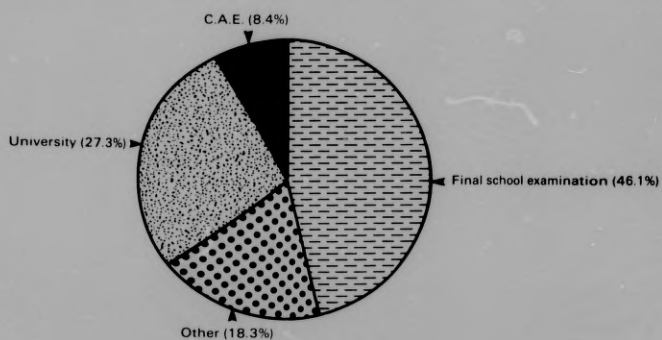


DIAGRAM 2.11 UNIVERSITY STUDENTS : HIGHEST QUALIFICATION ON COMMENCEMENT : FEMALES, 1984



Masters degree	Graduate diploma	Bachelor degree	Diploma	Associate diploma	Miscellaneous	Total	
						Number	Per cent
TOTAL STUDENTS ENROLLED IN 1984							

TABLE 2.15 UNIVERSITY COMMENCING STUDENTS: TYPE OF ENROLMENT AND COURSE LEVEL, 1979 TO 1984

Course level	1979	1980	1981	1982	1983	1984		
						Males	Females	Persons
FULL-TIME INTERNAL								
Higher degree—								
Doctorate (other than Ph.D.)	12	6	10	13	13	6	2	8
Ph.D.	769	763	875	1,074	994	730	296	1,026
Masters—								
Research	789	763	780	836	860	611	298	909
Course work	715	743	892	938	926	614	318	932
Total	1,504	1,506	1,672	1,774	1,786	1,225	616	1,841
Total higher degree	2,285	2,275	2,557	2,861	2,793	1,961	914	2,875
Bachelor degree	29,770	29,899	29,586	29,916	30,688	17,618	14,636	32,254
Non-degree—								
Masters preliminary/qualifying	298	270	337	309	327	254	148	402
Post-graduate diploma	2,656	2,547	2,360	2,265	2,460	1,122	1,383	2,505
Other	257	249	273	236	269	163	149	312
Total non-degree	3,211	3,066	2,970	2,810	3,056	1,539	1,680	3,219
Total	35,266	35,240	35,113	35,587	36,537	21,118	17,230	38,348
PART-TIME INTERNAL								
Higher degree—								
Doctorate (other than Ph.D.)	16	7	18	19	5	11	—	11
Ph.D.	275	255	336	585	290	237	102	339
Masters—								
Research	825	749	859	982	678	412	268	680
Course work	2,039	2,039	2,473	2,494	2,396	1,317	811	2,128
Total	2,864	2,788	3,332	3,476	3,074	1,729	1,079	2,808
Total higher degree	3,155	3,050	3,686	4,080	3,369	1,977	1,181	3,158
Bachelor degree	8,389	8,854	8,633	7,728	7,431	3,312	4,165	7,477
Non-degree—								
Masters preliminary/qualifying	533	499	527	458	491	305	196	501
Post-graduate diploma	1,051	1,148	1,129	1,069	1,183	675	539	1,214
Other	2,577	2,779	2,993	2,881	2,815	1,318	1,508	2,826
Total non-degree	4,161	4,426	4,649	4,408	4,489	2,298	2,243	4,541
Total	15,705	16,330	16,968	16,216	15,289	7,587	7,589	15,176
EXTERNAL								
Higher degree—								
Doctorate (other than Ph.D.)	7	9	2	12	10	9	—	9
Ph.D.	20	9	14	28	28	17	5	22
Masters—								
Research	73	75	93	100	76	53	28	81
Course work	94	165	296	332	304	293	186	479
Total	167	240	389	432	380	346	214	560
Total higher degree	194	258	405	472	418	372	219	591
Bachelor degree	3,999	4,026	4,329	3,835	3,570	1,529	2,090	3,619
Non-degree—								
Masters preliminary/qualifying	3	13	13	11	55	28	23	51
Post-graduate diploma	338	359	513	462	496	364	140	504
Other	259	310	449	367	390	192	260	452
Total non-degree	600	682	975	840	941	584	423	1,007
Total	4,793	4,966	5,709	5,147	4,929	2,485	2,732	5,217
TOTAL								
Higher degree—								
Doctorate (other than Ph.D.)	35	22	30	44	28	26	2	28
Ph.D.	1,064	1,027	1,225	1,687	1,312	984	403	1,387
Masters—								
Research	1,687	1,587	1,732	1,918	1,614	1,076	594	1,670
Course work	2,848	2,947	3,661	3,764	3,626	2,224	1,315	3,539
Total	4,535	4,534	5,393	5,682	5,240	3,300	1,909	5,209
Total higher degree	5,634	5,583	6,648	7,413	6,580	4,310	2,314	6,624
Bachelor degree	42,158	42,779	42,548	41,479	41,689	22,459	20,891	43,350
Non-degree—								
Masters preliminary/qualifying	834	782	877	778	873	587	367	954
Post-graduate diploma	4,045	4,054	4,002	3,796	4,139	2,161	2,062	4,223
Other	3,093	3,338	3,715	3,484	3,474	1,673	1,917	3,590
Total non-degree	7,972	8,174	8,594	8,058	8,486	4,421	4,346	8,767
Total	55,764	56,536	57,790	56,950	56,755	31,190	27,551	58,741

DIAGRAM 2.12 UNIVERSITY COMMENCING STUDENTS : SEX AND COURSE LEVEL, 1984

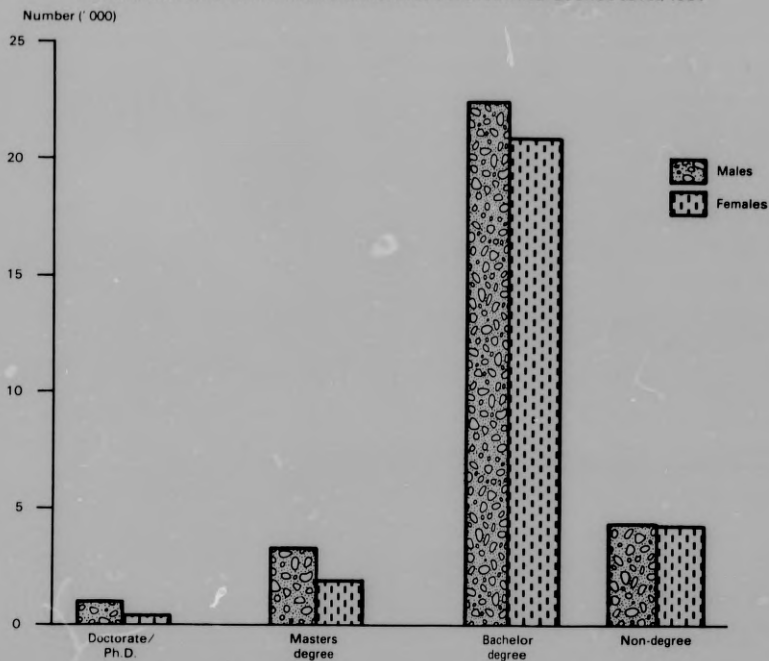


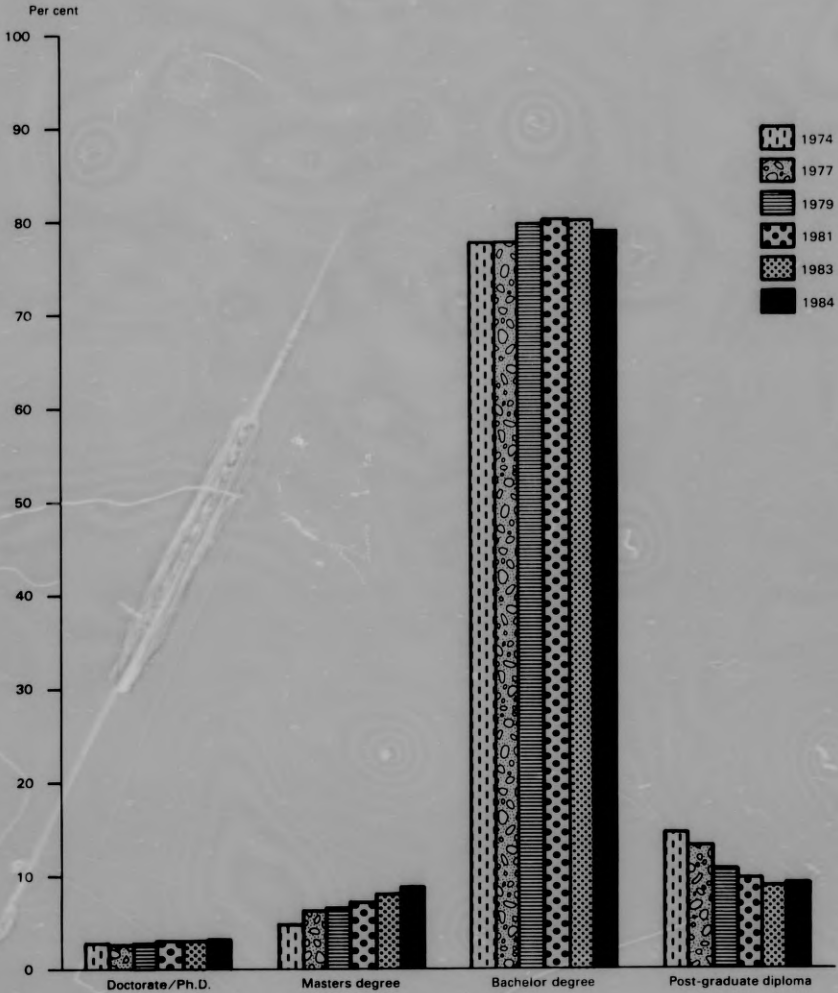
TABLE 2.16 UNIVERSITY COMMENCING STUDENTS: SEX AND COURSE LEVEL, 1979 TO 1984

<i>Course level</i>	<i>1979</i>	<i>1980</i>	<i>1981</i>	<i>1982</i>	<i>1983</i>	<i>1984</i>
MALES						
Higher degree—						
Doctorate (other than Ph.D.)	29	22	25	37	25	26
Ph.D.	795	770	907	1,205	918	984
Masters	3,168	3,088	3,590	3,710	3,424	3,300
<i>Total higher degree</i>	<i>3,992</i>	<i>3,880</i>	<i>4,522</i>	<i>4,952</i>	<i>4,367</i>	<i>4,310</i>
Bachelor degree	23,281	23,070	22,698	21,741	21,743	22,459
Non-degree—						
Post-graduate diploma	2,099	2,098	2,094	1,913	2,059	2,161
Other	2,117	2,160	2,333	2,188	2,236	2,260
<i>Total non-degree</i>	<i>4,216</i>	<i>4,258</i>	<i>4,427</i>	<i>4,101</i>	<i>4,295</i>	<i>4,421</i>
<i>Total</i>	<i>31,489</i>	<i>31,208</i>	<i>31,647</i>	<i>30,794</i>	<i>30,405</i>	<i>31,190</i>
FEMALES						
Higher degree—						
Doctorate (other than Ph.D.)	6	—	5	7	3	2
Ph.D.	269	257	318	482	394	403
Masters	1,367	1,446	1,803	1,972	1,816	1,909
<i>Total higher degree</i>	<i>1,642</i>	<i>1,703</i>	<i>2,126</i>	<i>2,461</i>	<i>2,213</i>	<i>2,314</i>
Bachelor degree	18,877	19,709	19,850	19,738	19,946	20,891
Non-degree—						
Post-graduate diploma	1,946	1,956	1,908	1,883	2,080	2,062
Other	1,810	1,960	2,259	2,074	2,111	2,284
<i>Total non-degree</i>	<i>3,756</i>	<i>3,916</i>	<i>4,167</i>	<i>3,957</i>	<i>4,191</i>	<i>4,346</i>
<i>Total</i>	<i>24,275</i>	<i>25,328</i>	<i>26,143</i>	<i>26,156</i>	<i>26,350</i>	<i>27,551</i>
PERSONS						
Higher degree—						
Doctorate (other than Ph.D.)	35	22	30	44	28	28
Ph.D.	1,064	1,027	1,225	1,687	1,312	1,387
Masters	4,535	4,534	5,393	5,682	5,240	5,209
<i>Total higher degree</i>	<i>5,634</i>	<i>5,583</i>	<i>6,648</i>	<i>7,413</i>	<i>6,580</i>	<i>6,624</i>
Bachelor degree	42,158	42,779	42,548	41,479	41,689	43,350
Non-degree—						
Post-graduate diploma	4,045	4,054	4,002	3,796	4,139	4,223
Other	3,927	4,120	4,592	4,262	4,347	4,544
<i>Total non-degree</i>	<i>7,972</i>	<i>8,174</i>	<i>8,594</i>	<i>8,058</i>	<i>8,486</i>	<i>8,767</i>
<i>Total</i>	<i>55,764</i>	<i>56,536</i>	<i>57,790</i>	<i>56,950</i>	<i>56,755</i>	<i>58,741</i>

TABLE 2.17 UNIVERSITY STUDENTS COMPLETING COURSES: COURSE LEVEL, 1979 TO 1984

Course level and year	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	A.C.T.	Australia		
								Males	Females	Persons
Doctorate (other than Ph.D.)										
1979	17	21	4	8	3	1	2	47	9	56
1980	15	12	6	8	2	1	2	44	2	46
1981	16	18	5	4	—	—	2	43	2	45
1982	22	20	3	5	4	—	2	51	5	56
1983	16	14	6	9	1	—	2	45	3	48
1984	15	19	6	8	1	1	—	47	3	50
Doctor of Philosophy										
1979	251	251	82	103	36	16	132	730	141	871
1980	238	209	90	98	56	21	129	678	163	841
1981	276	231	86	92	63	23	124	711	184	895
1982	250	234	101	105	64	22	125	697	204	901
1983	288	238	95	85	65	20	115	704	202	906
1984	311	268	110	85	62	20	100	761	195	956
Masters degree										
1979	1,005	512	286	102	111	26	102	1,630	514	2,144
1980	1,052	424	263	132	118	8	97	1,556	538	2,094
1981	1,119	531	248	113	121	19	105	1,639	617	2,256
1982	1,069	586	241	109	140	20	75	1,617	623	2,240
1983	1,250	665	278	106	130	77	78	1,830	754	2,584
1984	1,471	669	274	100	154	74	101	1,997	846	2,843
Bachelor degree										
1979	9,858	6,962	3,574	2,085	1,885	673	1,118	15,594	10,561	26,155
1980	9,655	7,022	3,467	1,982	2,054	586	1,093	15,199	10,660	25,859
1981	9,599	6,932	3,444	1,945	1,913	622	1,027	14,610	10,872	25,482
1982	9,130	7,082	3,342	1,940	1,951	709	1,053	14,208	10,999	25,207
1983	9,179	7,455	3,367	1,936	2,024	746	1,020	14,148	11,579	25,727
1984	9,011	7,584	3,506	2,088	1,972	760	997	14,448	11,470	25,918
Post-graduate diploma										
1979	1,404	1,138	305	376	186	156	—	1,692	1,873	3,565
1980	1,338	985	266	318	193	187	—	1,547	1,740	3,287
1981	1,247	991	232	257	205	173	9	1,452	1,662	3,114
1982	1,162	943	261	248	139	167	41	1,362	1,599	2,961
1983	1,014	970	253	251	161	150	45	1,337	1,507	2,844
1984	1,002	1,035	284	306	197	143	60	1,393	1,634	3,027
Total										
1979	12,535	8,884	4,251	2,674	2,221	872	1,354	19,693	13,098	32,791
1980	12,298	8,652	4,092	2,538	2,423	803	1,321	19,024	13,103	32,127
1981	12,257	8,703	4,015	2,411	2,362	837	1,267	18,455	13,337	31,792
1982	11,633	8,865	3,948	2,407	2,298	918	1,296	17,935	13,430	31,365
1983	11,747	9,342	3,999	2,387	2,381	993	1,260	18,064	14,045	32,109
1984	11,810	9,575	4,180	2,587	2,386	998	1,258	18,646	14,148	32,794

DIAGRAM 2.13 UNIVERSITY STUDENTS COMPLETING COURSES : COURSE LEVEL FOR SELECTED YEARS (PER CENT OF TOTAL COMPLETIONS)



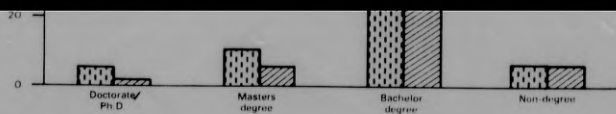


TABLE 2.18 UNIVERSITY STAFF: TYPE OF EMPLOYMENT AND ACTIVITY, 1984
(Full-time equivalent units, rounded to whole numbers)

Activity	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	A.C.T.	Australia
FULL-TIME STAFF								
ACADEMIC STAFF—								
Teaching-and-research	3,934	2,575	1,508	931	779	359	368	10,454
Research only	550	693	123	176	199	29	639	2,409
Total	4,484	3,268	1,631	1,107	977	388	1,007	12,863
GENERAL STAFF SUPPORTING ACADEMIC ACTIVITIES—								
Technical	2,216	1,152	1,011	748	514	123	712	6,475
Administrative	960	910	489	247	286	83	835	3,809
Total	3,176	2,062	1,500	994	800	205	1,547	10,284
OTHER GENERAL STAFF—								
Library	769	498	326	207	183	78	131	2,192
Computer	148	140	93	34	18	21	66	519
Student services	113	91	32	27	19	11	19	312
Administration	1,147	829	452	238	248	81	339	3,334
Building and grounds	1,003	568	390	165	190	59	140	2,515
Public services	80	27	32	15	22	—	20	198
Independent operations	338	683	339	104	268	12	112	1,856
Other	291	131	173	94	59	1	23	771
Total	3,887	2,969	1,838	883	1,008	263	850	11,697
Total full-time staff	11,547	8,299	4,970	2,984	2,784	857	3,404	34,844
PART-TIME STAFF								
ACADEMIC STAFF—								
Teaching-and-research	451	343	125	109	101	23	20	1,173
Research only	34	29	—	—	—	—	—	63
Total	486	372	125	109	101	23	20	1,236
GENERAL STAFF SUPPORTING ACADEMIC ACTIVITIES—								
Technical	38	31	11	15	28	18	—	142
Administrative	42	34	5	5	12	8	—	106
Total	80	64	15	20	41	27	—	247
OTHER GENERAL STAFF—								
Library	47	13	17	7	2	5	50	141
Computer	3	1	—	—	1	—	—	5
Student services	3	1	—	2	—	—	—	7
Administration	42	1	5	4	9	—	18	78
Building and grounds	67	20	2	59	33	—	—	181
Public services	14	4	10	23	1	—	4	55
Independent operations	92	52	141	49	45	—	43	422
Other	13	3	1	—	4	—	—	20
Total	280	94	175	143	95	6	116	910
Total part-time staff	846	531	316	273	237	55	136	2,393
ALL STAFF								
ACADEMIC STAFF—								
Teaching-and-research	4,386	2,918	1,633	1,040	879	382	388	11,627
Research only	584	722	123	176	199	29	639	2,472
Total	4,970	3,640	1,757	1,216	1,078	411	1,027	14,099
GENERAL STAFF SUPPORTING ACADEMIC ACTIVITIES—								
Technical	2,254	1,183	1,022	763	542	141	712	6,616
Administrative	1,001	943	494	252	298	91	835	3,915
Total	3,255	2,126	1,516	1,015	840	232	1,547	10,531
OTHER GENERAL STAFF—								
Library	816	511	343	214	185	83	181	2,333
Computer	150	141	93	34	19	21	66	524
Student services	116	92	33	29	20	11	19	319
Administration	1,189	830	457	241	257	81	357	3,412
Building and grounds	1,070	588	392	223	223	59	140	2,696
Public services	94	31	42	38	23	—	24	253
Independent operations	430	735	480	153	313	12	155	2,279
Other	303	134	173	94	63	1	23	791
Total	4,167	3,063	2,013	1,026	1,103	269	966	12,606
Total all staff	12,392	8,830	5,285	3,257	3,021	912	3,540	37,237

<i>Total</i>	12,976	18,828	12,475	10,281	10,280	10,118	27,118	10,808
<i>Total higher degree</i>	19,902	20,574	21,821	23,381	23,533	16,161	7,812	23,973
Bachelor degree	129,222	130,664	132,372	131,992	133,275	72,251	63,354	135,605
Non-degree—								
Masters preliminary/qualifying	1,360	1,287	1,347	1,290	1,332	850	585	1,435
Post-graduate diploma	5,699	5,685	5,701	5,595	6,075	3,401	2,920	6,321
Other	4,627	4,946	5,370	5,145	5,135	2,494	2,850	5,344
<i>Total non-degree</i>	11,686	11,918	12,418	12,030	12,542	6,745	6,355	13,100
Total	160,810	163,156	166,611	167,403	169,350	95,157	77,521	172,678

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DIAGRAM 2.14 UNIVERSITY STAFF : FULL-TIME STAFF, 1984

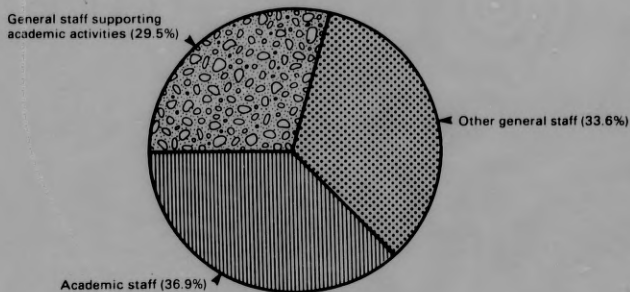


DIAGRAM 2.15 UNIVERSITY STAFF : PART-TIME STAFF, 1984

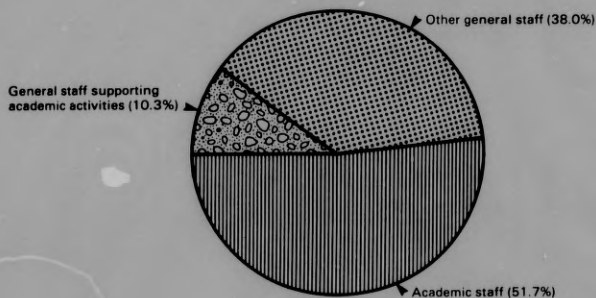


TABLE 2.19 UNIVERSITY STAFF: TYPE OF EMPLOYMENT AND ACTIVITY, 1979 TO 1984
(Full-time equivalent units, rounded to whole numbers)

Activity	1979	1980	1981	1982	1983	1984
FULL-TIME STAFF						
ACADEMIC STAFF—						
Teaching-and-research	10,790	10,722	10,692	10,499	10,353	10,454
Research only	1,819	1,917	2,161	2,303	2,276	2,409
Total	12,609	12,638	12,854	12,802	12,629	12,863
GENERAL STAFF SUPPORTING ACADEMIC ACTIVITIES—						
Technical	6,328	6,426	6,398	6,304	6,361	6,475
Administrative	3,552	3,573	3,618	3,587	3,746	3,809
Total	9,879	10,000	10,016	9,891	10,107	10,284
OTHER GENERAL STAFF—						
Library	2,247	2,214	2,186	2,137	2,186	2,192
Computer	453	453	470	485	497	519
Student services	305	307	294	297	304	312
Administration	3,326	3,339	3,330	3,282	3,329	3,334
Building and grounds	2,691	2,659	2,674	2,593	2,570	2,515
Public services	208	211	214	204	209	198
Independent operations	1,955	2,020	2,046	1,983	1,799	1,856
Other	803	764	811	770	752	771
Total	11,989	11,967	12,024	11,752	11,646	11,697
Total full-time staff	34,478	34,605	34,894	34,445	34,382	34,844
PART-TIME STAFF						
ACADEMIC STAFF—						
Teaching-and-research	1,175	1,173	1,269	1,108	1,084	1,173
Research only	54	90	83	83	66	63
Total	1,229	1,263	1,352	1,191	1,149	1,236
GENERAL STAFF SUPPORTING ACADEMIC ACTIVITIES—						
Technical	111	184	140	167	157	142
Administrative	77	84	90	97	200	106
Total	187	267	230	263	357	247
OTHER GENERAL STAFF—						
Library	141	152	175	160	145	141
Computer	4	3	4	4	4	5
Student services	11	11	10	15	15	7
Administration	44	57	58	53	84	78
Building and grounds	211	220	207	206	196	181
Public services	53	53	32	55	47	55
Independent operations	343	321	369	449	443	422
Other	28	30	31	21	18	20
Total	836	847	886	962	953	910
Total part-time staff	2,251	2,377	2,468	2,417	2,459	2,393
ALL STAFF						
ACADEMIC STAFF—						
Teaching-and-research	11,965	11,895	11,962	11,607	11,437	11,627
Research only	1,873	2,007	2,246	2,386	2,342	2,472
Total	13,838	13,901	14,206	13,993	13,778	14,099
GENERAL STAFF SUPPORTING ACADEMIC ACTIVITIES—						
Technical	6,439	6,610	6,539	6,471	6,518	6,616
Administrative	3,627	3,657	3,708	3,684	3,946	3,915
Total	10,066	10,266	10,247	10,154	10,464	10,532
OTHER GENERAL STAFF—						
Library	2,389	2,366	2,361	2,297	2,331	2,333
Computer	457	456	475	489	501	524
Student services	316	318	304	312	319	319
Administration	3,371	3,396	3,388	3,335	3,413	3,412
Building and grounds	2,902	2,879	2,881	2,799	2,766	2,696
Public services	261	264	246	260	256	253
Independent operations	2,298	2,342	2,415	2,432	2,243	2,279
Other	831	794	841	792	771	791
Total	12,824	12,815	12,910	12,714	12,599	12,606
Total all staff	36,729	36,982	37,362	36,862	36,842	37,237

TABLE 2.20 UNIVERSITY STAFF: FULL-TIME ACADEMIC STAFF: SEX AND DESIGNATION, 1984
(Full-time equivalent units, rounded to whole numbers)

Designation	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	A.C.T.	Australia
MALES								
TEACHING-AND-RESEARCH STAFF—								
Professor	392	259	121	117	85	29	33	1,034
Associate professor, reader	517	293	208	158	101	49	61	1,386
Senior lecturer	1,290	843	387	356	235	133	116	3,359
Lecturer, teaching registrar	734	457	320	82	143	72	71	1,879
Principal tutor	6	7	19	2	2	—	—	36
Senior tutor, demonstrator, assistant lecturer	74	97	58	23	52	15	7	326
Demonstrator, tutor, teaching fellow	248	145	117	65	41	12	15	643
Total	3,260	2,102	1,230	802	659	310	301	8,663
RESEARCH ONLY STAFF—								
Professor	5	8	5	2	—	—	68	87
Associate professor, reader	8	4	3	3	3	1	49	71
Senior lecturer	21	27	13	14	8	2	158	244
Lecturer	95	108	34	51	31	7	275	601
Junior position	212	249	41	67	87	14	25	695
Total	341	396	97	137	129	24	575	1,698
Total full-time male academic staff	3,601	2,498	1,327	939	787	334	876	10,361
FEMALES								
TEACHING-AND-RESEARCH STAFF—								
Professor	12	9	4	1	2	—	1	29
Associate professor, reader	37	15	7	5	3	—	6	72
Senior lecturer	150	107	31	33	19	10	13	361
Lecturer, teaching registrar	223	138	86	28	33	19	25	552
Principal tutor	2	24	6	7	7	—	—	46
Senior tutor, demonstrator, assistant lecturer	53	63	37	11	39	5	13	221
Demonstrator, tutor, teaching fellow	197	117	107	45	18	15	10	510
Total	674	473	278	130	120	49	67	1,791
RESEARCH ONLY STAFF—								
Professor	—	1	—	—	—	—	1	2
Associate professor, reader	—	3	1	—	—	—	1	5
Senior lecturer	2	3	—	1	3	—	6	15
Lecturer	23	39	14	13	9	2	49	149
Junior position	184	252	12	24	58	4	7	541
Total	209	297	27	38	70	6	64	711
Total full-time female academic staff	883	770	305	168	190	55	131	2,502
PERSONS								
TEACHING-AND-RESEARCH STAFF—								
Professor	404	268	125	118	87	29	34	1,063
Associate professor, reader	554	307	215	163	104	49	66	1,458
Senior lecturer	1,439	950	418	388	253	143	129	3,721
Lecturer, teaching registrar	958	596	406	109	176	91	95	2,430
Principal tutor	8	31	25	9	9	—	—	82
Senior tutor, demonstrator, assistant lecturer	127	161	95	34	91	20	20	548
Demonstrator, tutor, teaching fellow	445	262	224	110	59	28	24	1,152
Total	3,934	2,575	1,508	931	779	359	368	10,454
RESEARCH ONLY STAFF—								
Professor	5	9	5	2	—	—	69	89
Associate professor, reader	8	7	4	3	3	1	50	75
Senior lecturer	23	30	13	15	11	2	164	258
Lecturer	118	147	48	64	40	9	324	750
Junior position	396	501	53	91	145	18	32	1,236
Total	550	693	123	176	199	29	639	2,409
Total full-time academic staff	4,484	3,268	1,631	1,107	977	388	1,007	12,863

Note: The male and female components of part-time academic staff are not available.

TABLE 2.21 UNIVERSITY STAFF: FULL-TIME ACADEMIC STAFF: SEX AND DESIGNATION, 1979 TO 1984
(Full-time equivalent units, rounded to whole numbers)

	1979	1980	1981	1982	1983	1984
MALES						
TEACHING-AND-RESEARCH STAFF—						
Professor	1,081	1,083	1,084	1,062	1,037	1,034
Associate professor, reader	1,185	1,222	1,284	1,289	1,340	1,386
Senior lecturer	3,061	3,176	3,216	3,300	3,340	3,359
Lecturer, teaching registrar	2,406	2,255	2,197	2,021	1,897	1,879
Principal tutor	47	45	45	46	47	36
Senior tutor, demonstrator, assistant lecturer	467	432	388	372	334	326
Demonstrator, tutor, teaching fellow	807	770	706	676	643	643
Total	9,055	8,983	8,919	8,768	8,638	8,663
RESEARCH ONLY STAFF—						
Professor	78	74	71	78	90	87
Associate professor, reader	56	56	67	66	64	71
Senior lecturer	180	172	188	207	230	244
Lecturer	512	501	537	580	575	601
Junior position	458	536	680	634	675	695
Total	1,284	1,339	1,543	1,564	1,634	1,698
Total full-time male academic staff	10,339	10,322	10,463	10,332	10,271	10,361
FEMALES						
TEACHING-AND-RESEARCH STAFF—						
Professor	23	23	23	26	25	29
Associate professor, reader	42	54	62	67	64	72
Senior lecturer	287	286	311	319	344	361
Lecturer, teaching registrar	523	530	511	515	505	552
Principal tutor	51	43	46	43	48	46
Senior tutor, demonstrator, assistant lecturer	284	269	267	263	251	221
Demonstrator, tutor, teaching fellow	525	534	554	498	480	510
Total	1,735	1,739	1,773	1,731	1,715	1,791
RESEARCH ONLY STAFF—						
Professor	—	—	—	—	1	2
Associate professor, reader	2	2	4	5	5	5
Senior lecturer	10	10	8	21	10	15
Lecturer	78	88	92	145	127	149
Junior position	447	478	514	568	499	541
Total	536	577	618	739	642	711
Total full-time female academic staff	2,270	2,316	2,391	2,470	2,358	2,502
PERSONS						
TEACHING-AND-RESEARCH STAFF—						
Professor	1,105	1,106	1,108	1,088	1,062	1,063
Associate professor, reader	1,227	1,276	1,346	1,356	1,404	1,458
Senior lecturer	3,348	3,461	3,526	3,619	3,683	3,721
Lecturer, teaching registrar	2,929	2,784	2,708	2,536	2,401	2,430
Principal tutor	98	88	91	89	95	82
Senior tutor, demonstrator, assistant lecturer	751	701	655	635	584	548
Demonstrator, tutor, teaching fellow	1,332	1,305	1,259	1,174	1,123	1,152
Total	10,790	10,722	10,692	10,499	10,353	10,454
RESEARCH ONLY STAFF—						
Professor	78	74	71	78	91	89
Associate professor, reader	58	58	71	70	68	75
Senior lecturer	190	182	197	228	240	258
Lecturer	589	589	629	725	702	750
Junior position	905	1,014	1,194	1,202	1,175	1,236
Total	1,819	1,917	2,161	2,303	2,276	2,409
Total full-time academic staff	12,609	12,638	12,854	12,802	12,629	12,863

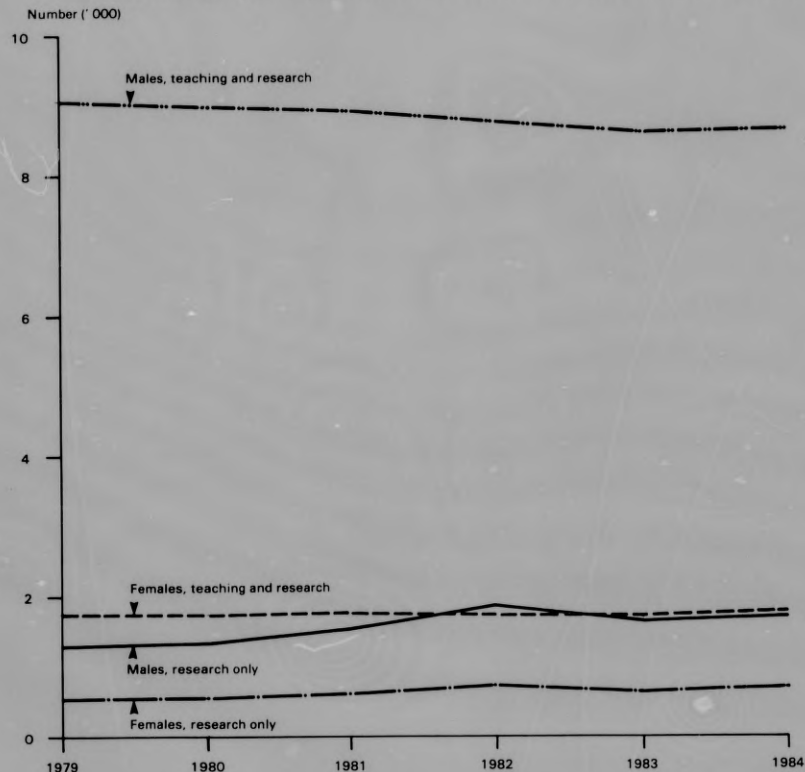
Note: The male and female components of part-time academic staff are not available.

TABLE 2.22 UNIVERSITY STAFF: FULL-TIME ACADEMIC STAFF: PERCENTAGE OF FEMALES IN EACH DESIGNATION, 1979 TO 1984

Designation	1979	1980	1981	1982	1983	1984
	Per cent					
TEACHING-AND-RESEARCH STAFF—						
Professor	2.1	2.1	2.1	2.4	2.4	2.7
Associate professor, reader	3.4	4.2	4.6	4.9	4.6	4.9
Senior lecturer	8.6	8.3	8.8	8.8	9.3	9.7
Lecturer, teaching registrar	17.9	19.0	18.9	20.3	21.0	22.7
Principal tutor	52.0	48.9	50.5	48.3	50.5	56.1
Senior tutor, demonstrator, assistant lecturer	37.8	38.4	40.8	41.4	43.0	40.3
Demonstrator, tutor, teaching fellow	39.4	40.9	44.0	42.4	42.7	44.3
Total	16.1	16.2	16.6	16.5	16.6	17.1
RESEARCH ONLY STAFF—						
Professor	—	—	—	—	1.1	2.2
Associate professor, reader	3.4	3.4	5.6	7.1	7.4	6.6
Senior lecturer	5.3	5.5	4.1	9.2	4.2	5.8
Lecturer	13.2	14.9	14.6	20.0	18.1	19.9
Junior position	49.4	47.1	43.0	47.3	42.5	43.8
Total	29.5	30.1	28.6	32.1	28.2	29.5
Total full-time academic staff	18.0	18.3	18.6	19.3	18.7	19.5

Note: The male and female components of part-time academic staff are not available.

DIAGRAM 2.16 UNIVERSITY STAFF: FULL-TIME ACADEMIC STAFF: SEX AND DESIGNATION, 1979 TO 1984.



SECTION III

ADVANCED EDUCATION 1974 TO 1984

ADVANCED EDUCATION

Advanced education is provided mainly by Colleges of Advanced Education (CAEs) established under the States Grants (Tertiary Education Assistance) Acts. Some advanced education courses, however, are provided by institutes of advanced education in universities, technical and further education institutions, Teachers Colleges, Theological Colleges and some Commonwealth institutions.

Advanced education awards are accredited by State accrediting bodies and registered at the national level in accordance with the requirements of the Australian Council on Awards in Advanced Education.

Funding for advanced education is principally by the Commonwealth Government.

The number of persons attending CAEs has grown rapidly over the last ten years. This has been due in part to the expansion in the range of courses available, but the increase in student numbers has been mainly due to the re-classification of existing Teachers Colleges and Agricultural Colleges to CAE status. This occurred between 1973 and 1974.

At the 30 April 1984 there were 185,820 students enrolled in advanced education courses, 96,544 males and 89,276 females. This represented an increase of 19.4 per cent over 1979 when there were 155,667 students, 79,800 males and 75,867 females.

Females accounted for 48 per cent of total student enrolments in 1984. Full-time internal female student enrolments varied from 60.6 per cent in 1979 to 53.7 per cent in 1981 and 54.2 per cent in 1984 of all females enrolled. This compares with full-time internal male student enrolments of 45.2 per cent in 1979, 39.6 per cent in 1981 and 44.0 per cent in 1984.

The number of external students enrolled rose from 17,174 (11.0 per cent of total enrolments) in 1979 to 27,289 (14.7 per cent) in 1984. The movement for male and female students was almost identical.

In 1974, 58.3 per cent of students were enrolled in diploma courses but by 1984 diploma course students represented only 18.6 per cent of total enrolments. This fall has been off-set by increases in the number of students enrolled in bachelor degree courses. In 1974 bachelor degree students comprised only 27 per cent of total enrolments but by 1984 this percentage had grown to 54.7.

Advanced education statistics for 1983 and 1984 relate to all advanced education courses conducted in Australia. Prior to 1983 the statistics contained in this publication relate only to advanced education courses conducted within colleges of advanced education.

DIAGRAM 3.1 ADVANCED EDUCATION STUDENTS : STATES AND TERRITORIES, 1984

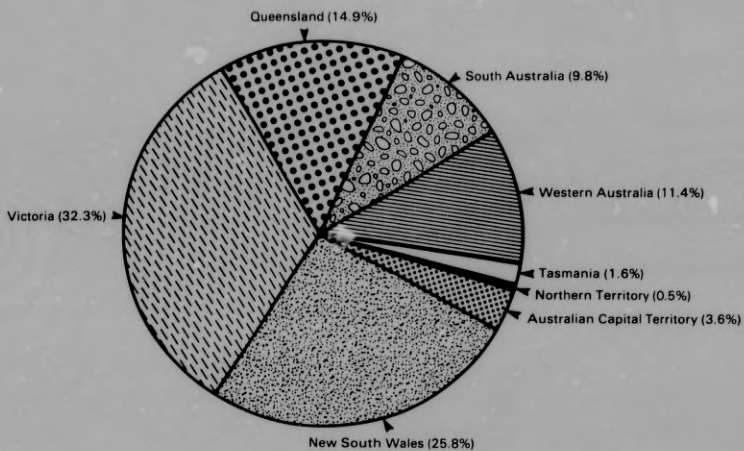


TABLE 3.1 ADVANCED EDUCATION: SUMMARY STUDENT STATISTICS 1984, COURSE COMPLETIONS 1983

	Masters degree	Graduate diploma	Bachelor degree	Diploma	Associate diploma	Miscellaneous	Total	
							Number	Per cent
TOTAL STUDENTS ENROLLED IN 1984								
Type of institution—								
College of advanced education	1,815	22,233	98,933	30,915	18,510	2,714	175,120	94.2
Institute of advanced education	—	201	1,039	866	651	2	2,759	1.5
within a university	—	45	902	1,323	2,606	83	4,959	2.7
TAFE institution	—	14	—	217	41	23	295	0.2
Other Commonwealth institution	—	459	805	1,260	155	8	2,687	1.4
Other institution	—	—	—	—	—	—	—	—
New South Wales	482	5,588	24,330	9,299	8,055	163	47,917	25.8
Victoria	489	8,103	36,909	11,003	2,791	775	60,070	32.3
Queensland	88	2,450	11,876	6,406	6,043	768	27,631	14.9
South Australia	179	2,882	8,865	3,109	3,089	154	18,278	9.8
Western Australia	360	2,662	12,736	3,641	1,139	663	21,201	11.4
Tasmania	14	174	1,803	482	400	121	2,994	1.6
Northern Territory	—	43	589	186	197	—	1,015	0.5
Australian Capital Territory	203	1,050	4,571	455	249	186	6,714	3.6
Full-time internal	339	4,428	51,936	26,684	7,330	135	90,852	48.9
Part-time internal	1,391	13,428	36,906	5,308	8,619	2,027	67,679	36.4
External	85	5,096	12,837	2,589	6,014	668	27,289	14.7
Males	1,426	12,017	57,553	10,587	13,423	1,538	96,544	52.0
Females	389	10,935	44,126	23,994	8,540	1,292	89,276	48.0
Total	1,815	22,952	101,679	34,581	21,963	2,830	185,820	100.0
COMMENCING STUDENTS IN 1984								
Type of institution—								
College of advanced education	446	12,440	34,269	10,714	8,401	2,063	68,333	93.4
Institute of advanced education	—	113	467	301	388	—	1,269	1.7
within a university	—	29	439	656	1,225	46	2,395	3.3
TAFE institution	—	14	—	55	25	23	117	0.2
Other Commonwealth institution	—	259	318	395	58	5	1,035	1.4
Other institution	—	—	—	—	—	—	—	—
New South Wales	120	3,344	8,052	3,160	3,624	113	18,413	25.2
Victoria	106	4,378	13,150	3,404	1,269	543	22,850	31.2
Queensland	22	1,335	3,935	2,543	2,633	562	11,030	15.1
South Australia	46	1,766	3,579	1,244	1,481	113	8,229	11.2
Western Australia	68	1,335	4,054	1,330	632	574	7,993	10.9
Tasmania	6	100	731	150	212	83	1,282	1.8
Northern Territory	—	27	324	124	94	—	569	0.8
Australian Capital Territory	78	570	1,668	166	152	149	2,783	3.8
Full-time internal	120	3,977	19,883	10,205	4,129	104	38,418	52.5
Part-time internal	316	6,378	10,711	1,057	3,367	1,570	23,399	32.0
External	10	2,500	4,899	859	2,601	463	11,332	15.5
Males	345	6,465	19,044	3,222	6,025	1,122	36,223	49.5
Females	101	6,390	16,449	8,899	4,072	1,015	36,926	50.5
Total	446	12,855	35,493	12,121	10,097	2,137	73,149	100.0
STUDENTS COMPLETING COURSES IN 1983(a)								
Type of institution—								
College of advanced education	219	7,456	14,857	9,021	2,877	—	34,430	95.4
Institute of advanced education	—	27	203	247	62	—	539	1.5
within a university	—	23	58	271	353	—	705	2.0
TAFE institution	—	—	—	23	8	—	31	0.1
Other Commonwealth institution	—	30	8	308	24	—	370	1.0
Other institution	—	—	—	—	—	—	—	—
New South Wales	49	2,591	3,325	2,572	1,231	—	9,768	27.1
Victoria	39	2,440	5,470	3,163	465	—	11,577	32.1
Queensland	8	806	1,961	1,824	1,009	—	5,608	15.5
South Australia	44	634	1,438	1,040	405	—	3,561	9.9
Western Australia	41	727	2,053	1,078	146	—	4,045	11.2
Tasmania	2	35	245	63	14	—	359	1.0
Northern Territory	—	16	33	36	22	—	107	0.3
Australian Capital Territory	36	287	601	94	32	—	1,050	2.9
Males	172	3,716	7,844	3,061	1,781	—	16,574	45.9
Females	47	3,820	7,282	6,809	1,543	—	19,501	54.1
Total	219	7,536	15,126	9,870	3,324	—	36,075	100.0

(a) Miscellaneous students do not appear in completions data as, by definition, they do not proceed to an award.

TABLE 3.2 ADVANCED EDUCATION: SUMMARY STUDENT STATISTICS 1983, COURSE COMPLETIONS 1982

	Masters degree	Graduate diploma	Bachelor degree	Diploma	Associate diploma	Miscellaneous	Total Number	Per cent
TOTAL STUDENTS ENROLLED IN 1983								
Type of institution—								
College of advanced education	1,574	21,759	95,464	31,882	17,297	3,029	171,005	95.1
Institute of advanced education within a university	—	124	863	865	417	9	2,278	1.3
TAFE institution	—	68	697	1,265	2,271	126	4,427	2.5
Other Commonwealth institution	—	—	—	206	39	73	318	0.2
Other institution	11	358	236	1,048	178	34	1,865	1.0
New South Wales	395	5,319	22,938	9,371	7,319	277	45,619	25.4
Victoria	408	7,728	35,749	11,712	2,715	894	59,206	32.9
Queensland	78	2,259	11,243	6,223	5,509	792	26,104	14.5
South Australia	168	2,454	8,318	3,136	2,829	253	17,158	9.5
Western Australia	331	3,221	12,468	3,730	1,014	613	21,377	11.9
Tasmania	22	151	1,654	475	364	186	2,852	1.6
Northern Territory	—	54	428	154	217	61	914	0.5
Australian Capital Territory	183	1,123	4,462	465	235	195	6,663	3.7
Full-time internal	287	4,366	48,602	26,105	6,850	115	86,325	48.0
Part-time internal	1,216	13,205	36,198	6,475	8,313	2,347	67,754	37.7
External	82	4,738	12,460	2,686	5,039	809	25,814	14.3
Males	1,255	11,465	55,402	11,419	12,018	1,757	93,316	51.9
Females	330	10,844	41,858	23,847	8,184	1,514	86,577	48.1
Total	1,585	22,309	97,260	35,266	20,202	3,271	179,893	100.0
COMMENCING STUDENTS IN 1983								
Type of institution—								
College of advanced education	361	11,878	33,381	11,255	8,219	2,506	67,600	94.5
Institute of advanced education within a university	—	84	386	275	248	5	998	1.4
TAFE institution	—	52	308	512	1,052	39	1,963	2.7
Other Commonwealth institution	—	—	—	53	27	73	153	0.2
Other institution	—	280	85	362	87	23	837	1.2
New South Wales	114	3,000	7,490	3,219	3,441	211	17,475	24.4
Victoria	48	4,202	13,215	3,930	1,422	735	23,552	32.9
Queensland	14	1,287	3,611	2,449	2,413	602	10,376	14.5
South Australia	58	1,412	3,077	1,006	1,337	196	7,086	9.9
Western Australia	49	1,597	4,067	1,465	484	550	8,212	11.5
Tasmania	9	85	704	149	280	183	1,410	2.0
Northern Territory	—	38	215	66	128	21	468	0.7
Australian Capital Territory	69	673	1,781	173	128	148	2,972	4.2
Full-time internal	84	3,951	18,990	10,161	3,942	113	37,241	52.0
Part-time internal	261	6,089	10,665	1,476	3,506	1,918	23,915	33.4
External	16	2,254	4,505	820	2,185	615	10,395	14.5
Males	274	6,080	18,451	3,669	5,563	1,427	35,464	49.6
Females	87	6,214	15,709	8,788	4,070	1,219	36,087	50.4
Total	361	12,294	34,160	12,457	9,633	2,646	71,551	100.0
STUDENTS COMPLETING COURSES IN 1982(a)								
Type of institution—								
College of advanced education	121	7,255	13,662	9,635	2,704	..	33,377	95.7
Institute of advanced education within a university	—	64	136	277	55	..	532	1.5
TAFE institution	—	20	40	245	277	..	582	1.7
Other Commonwealth institution	—	—	—	—	6	..	6	—
Other institution	—	19	26	294	54	..	393	1.1
New South Wales	17	2,820	2,645	2,995	1,119	..	9,596	27.5
Victoria	21	2,280	4,937	3,333	482	..	11,053	31.7
Queensland	4	626	1,961	1,763	891	..	5,245	15.0
South Australia	2	613	1,444	1,145	374	..	3,578	10.3
Western Australia	38	660	1,959	1,012	136	..	3,805	10.9
Tasmania	4	2	259	13	13	..	291	0.8
Northern Territory	—	15	28	41	11	..	95	0.3
Australian Capital Territory	35	342	631	149	70	..	1,227	3.5
Males	89	3,501	7,152	3,213	1,650	..	15,605	44.7
Females	32	3,857	6,712	7,238	1,446	..	19,285	55.3
Total	121	7,358	13,864	10,451	3,096	..	34,890	100.0

(a) Miscellaneous students do not appear in completions data as, by definition, they do not proceed to an award.

TABLE 3.3 ADVANCED EDUCATION STUDENTS: SEX, TYPE OF ENROLMENT AND AGE, 1982 TO 1984

Age (years) at 31 December previous year	Males			Females			Persons		
	1982	1983	1984	1982	1983	1984	1982	1983	1984
FULL-TIME INTERNAL									
Under 17	174	237	252	304	354	409	478	591	661
17	3,789	3,907	4,158	5,360	5,685	6,060	9,149	9,592	10,218
18	6,038	6,791	7,049	9,110	9,228	9,757	15,148	16,019	16,806
19	5,988	6,573	6,927	8,378	9,227	9,207	14,366	15,800	16,134
20	4,780	5,496	5,611	6,261	6,280	6,632	11,041	11,776	12,243
21	3,321	3,837	4,005	3,216	3,530	3,588	6,537	7,367	7,593
22	2,185	2,491	2,689	1,635	1,783	2,026	3,820	4,274	4,715
23	1,517	1,863	1,885	1,084	1,354	1,347	2,601	3,217	3,232
24	1,201	1,347	1,436	789	912	1,062	1,990	2,259	2,498
25	972	1,117	1,163	712	803	815	1,684	1,920	1,978
26	768	926	997	586	712	626	1,354	1,638	1,623
27	611	758	875	472	577	601	1,083	1,335	1,476
28	508	649	697	467	521	556	975	1,170	1,253
29	509	550	576	384	496	488	893	1,046	1,064
30-39	2,031	2,504	2,896	2,855	3,225	3,551	4,886	5,729	6,447
40-49	369	522	562	840	1,054	1,100	1,209	1,576	1,662
50-59	84	131	144	189	205	183	273	336	327
60 and over	24	39	43	28	41	47	52	80	90
Not stated	121	248	504	135	352	328	256	600	832
Total	34,990	39,986	42,469	42,805	46,339	48,383	77,795	86,325	90,852
PART-TIME(a)									
Under 17	48	48	41	27	18	16	75	66	57
17	691	642	623	350	347	327	1,041	989	950
18	1,529	1,361	1,371	808	810	825	2,337	2,171	2,196
19	1,948	1,935	1,822	1,241	1,241	1,113	3,090	3,176	2,935
20	2,269	2,298	2,292	1,502	1,569	1,556	3,771	3,867	3,848
21	2,580	2,570	2,489	1,721	1,816	1,708	4,301	4,386	4,197
22	2,655	2,623	2,671	1,730	1,876	1,851	4,385	4,499	4,522
23	2,648	2,752	2,631	1,862	1,951	1,957	4,510	4,703	4,588
24	2,768	2,837	2,613	2,071	1,998	1,941	4,839	4,835	4,554
25	2,699	2,794	2,735	1,926	1,941	2,005	4,625	4,735	4,740
26	2,748	2,633	2,752	1,779	1,881	1,828	4,527	4,514	4,580
27	2,710	2,640	2,651	1,612	1,670	1,848	4,322	4,310	4,499
28	2,518	2,589	2,579	1,568	1,581	1,558	4,086	4,170	4,137
29	2,540	2,379	2,482	1,547	1,584	1,536	4,087	3,963	4,018
30-39	16,220	16,877	17,715	12,437	13,042	13,671	28,657	29,919	31,386
40-49	4,514	4,777	5,115	4,671	5,083	5,455	9,185	9,860	10,570
50-59	1,018	1,072	1,120	1,138	1,197	1,217	2,156	2,269	2,337
60 and over	128	151	137	140	208	198	268	359	335
Not stated	283	352	236	248	425	283	531	777	519
Total	52,514	53,330	54,075	38,279	40,238	40,893	90,793	93,568	94,968
TOTAL									
Under 17	222	285	293	331	372	425	553	657	718
17	4,480	4,549	4,781	5,710	6,032	6,387	10,190	10,581	11,168
18	7,567	8,152	8,420	9,919	10,038	10,582	17,485	18,190	19,002
19	7,936	8,508	8,749	9,520	10,468	10,320	17,456	18,976	19,069
20	7,049	7,794	7,903	7,763	7,849	8,188	14,812	15,643	16,091
21	5,901	6,407	6,494	4,937	5,346	5,296	10,838	11,753	11,790
22	4,840	5,114	5,360	3,365	3,659	3,877	8,205	8,773	9,237
23	4,165	4,615	4,516	2,946	3,305	3,304	7,111	7,920	7,820
24	3,969	4,184	4,049	2,860	2,910	3,003	6,829	7,094	7,052
25	3,671	3,911	3,898	2,638	2,744	2,820	6,309	6,655	6,718
26	3,516	3,559	3,749	2,365	2,593	2,454	5,881	6,152	6,203
27	3,321	3,398	3,526	2,084	2,247	2,449	5,405	5,645	5,975
28	3,026	3,238	3,276	2,035	2,102	2,114	5,061	5,340	5,390
29	3,049	2,929	3,058	1,931	2,080	2,024	4,980	5,009	5,082
30-39	18,251	19,381	20,611	15,292	16,267	17,222	33,543	35,648	37,833
40-49	4,883	5,299	5,677	5,511	6,137	6,555	10,394	11,436	12,232
50-59	1,102	1,203	1,264	1,327	1,402	1,400	2,429	2,605	2,664
60 and over	152	190	180	168	249	245	320	439	425
Not stated	404	600	740	383	777	611	787	1,377	1,351
Total	87,504	93,316	96,544	81,084	86,577	89,276	168,588	179,893	185,820

(a) Includes External students.

DIAGRAM 3.2 ADVANCED EDUCATION STUDENTS : TYPE OF ENROLMENT AND AGE, 1984.

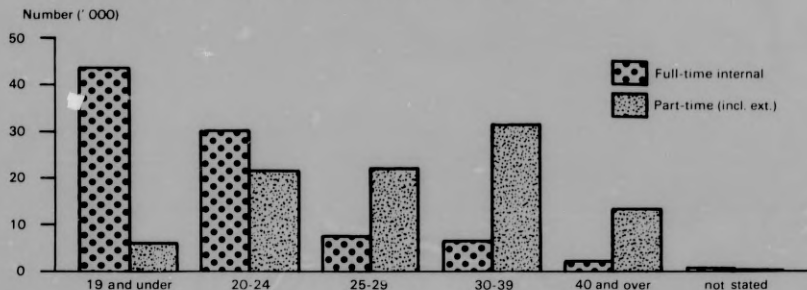


DIAGRAM 3.3 ADVANCED EDUCATION STUDENTS : AGE GROUP : MALES, 1974 AND 1984.

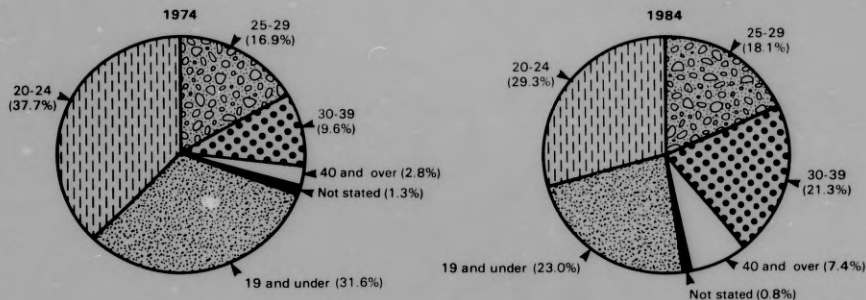


DIAGRAM 3.4 ADVANCED EDUCATION STUDENTS : AGE GROUP : FEMALES, 1974 AND 1984.

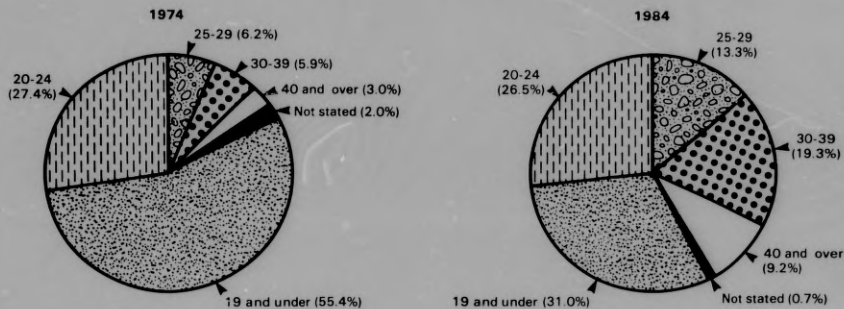


TABLE 3.4 ADVANCED EDUCATION STUDENTS: AGE GROUP AND SEX, 1974 TO 1984

Year	19 years and under	20 to 24 years	25 to 29 years	30 to 39 years	40 years and over	Not stated	Total
MALES							
Number							
1974	19,419	23,188	10,401	5,917	1,739	778	61,442
1975	20,293	24,335	12,216	7,781	2,618	850	68,093
1976	20,927	25,261	13,571	9,155	3,038	497	72,449
1977	20,747	25,150	13,752	10,419	3,293	456	73,817
1978	20,682	25,764	14,767	12,328	3,966	302	77,809
1979(a)	20,598	25,638	15,347	13,732	4,206	302	79,800
1980	20,138	25,764	15,573	15,599	5,020	729	82,823
1981	19,447	26,014	16,261	17,155	5,971	591	85,439
1982	20,205	25,924	16,583	18,251	6,137	404	87,504
1983	21,494	28,114	17,035	19,381	6,692	600	93,316
1984	22,243	28,322	17,507	20,611	7,121	740	96,544
Per cent							
1974	31.6	37.7	16.9	9.6	2.8	1.3	100.0
1975	29.8	35.7	17.9	11.4	3.8	1.2	100.0
1976	28.9	34.9	18.7	12.6	4.2	0.7	100.0
1977	28.1	34.1	18.6	14.1	4.5	0.6	100.0
1978	26.6	33.1	19.0	15.8	5.1	0.4	100.0
1979	25.8	32.1	19.2	17.2	5.3	0.4	100.0
1980	24.3	31.1	18.8	18.8	6.1	0.9	100.0
1981	22.8	30.4	19.0	20.1	7.0	0.7	100.0
1982	23.1	29.6	19.0	20.9	7.0	0.5	100.0
1983	23.0	30.1	18.3	20.8	7.2	0.6	100.0
1984	23.0	29.3	18.1	21.3	7.4	0.8	100.0
FEMALES							
Number							
1974	25,330	12,556	2,857	2,702	1,393	922	45,760
1975	27,229	14,630	4,543	5,102	2,433	527	54,464
1976	29,474	16,105	5,956	6,429	3,110	891	62,165
1977	29,221	17,638	7,227	8,098	3,796	515	66,305
1978	28,816	19,226	8,580	10,470	4,699	322	72,113
1979(a)	28,528	20,241	9,598	11,927	5,269	361	75,867
1980	27,555	20,859	10,180	13,233	6,089	825	78,731
1981	25,648	21,931	10,653	14,129	6,855	512	79,628
1982	25,479	21,871	11,053	15,292	7,006	383	81,084
1983	26,910	23,069	11,766	16,267	7,788	777	86,577
1984	27,714	23,668	11,861	17,222	8,200	611	89,276
Per cent							
1974	55.4	27.4	6.2	5.9	3.0	2.0	100.0
1975	50.0	26.9	8.3	9.4	4.5	1.0	100.0
1976	47.4	25.9	9.6	10.3	5.3	1.4	100.0
1977	43.9	26.5	10.9	12.2	5.7	0.8	100.0
1978	40.0	26.7	11.9	14.5	6.5	0.4	100.0
1979	37.6	26.7	12.7	15.7	6.9	0.5	100.0
1980	35.0	26.5	12.9	16.8	7.7	1.0	100.0
1981	32.2	27.5	13.3	17.7	8.6	0.6	100.0
1982	31.4	27.0	13.6	18.9	8.6	0.5	100.0
1983	31.1	26.6	13.6	18.8	9.0	0.9	100.0
1984	31.0	26.5	13.3	19.3	9.2	0.7	100.0
PERSONS							
Number							
1974	44,749	35,744	13,258	8,619	3,132	1,700	107,202
1975	47,522	38,965	16,759	12,883	3,051	1,377	122,557
1976	50,401	41,366	19,527	15,584	6,348	1,388	134,614
1977	49,906	42,780	20,979	18,517	7,089	971	140,312
1978	49,498	44,990	23,347	22,798	8,665	624	149,922
1979(a)	49,126	45,879	24,945	25,659	9,475	663	155,667
1980	47,693	46,623	25,753	28,832	11,109	1,554	161,564
1981	45,095	47,945	26,814	31,284	12,826	1,103	165,067
1982	45,684	47,295	27,636	33,543	13,143	787	168,588
1983	48,404	51,183	28,801	35,648	14,480	1,377	179,803
1984	49,957	51,990	29,368	37,833	15,321	1,351	185,820
Per cent							
1974	41.7	33.3	12.4	8.0	2.9	1.6	100.0
1975	38.8	31.8	13.7	10.5	4.1	1.1	100.0
1976	37.4	30.7	14.5	11.6	4.7	1.0	100.0
1977	35.6	30.0	15.0	13.2	5.1	0.7	100.0
1978	33.0	30.0	15.6	15.2	5.8	0.4	100.0
1979	31.6	29.5	16.0	16.5	6.1	0.4	100.0
1980	29.5	28.9	15.9	17.8	6.9	1.0	100.0
1981	27.3	29.0	16.2	19.0	7.8	0.7	100.0
1982	27.1	28.4	16.4	19.9	7.8	0.5	100.0
1983	26.9	28.5	16.0	19.8	8.0	0.8	100.0
1984	26.9	28.0	15.8	20.4	8.2	0.7	100.0

(a) The components do not add to the total because they include 80 students (23 males and 57 females) outside the scope of the collection who cannot be separately identified. The total is the actual number of students enrolled in approved courses.

TABLE 3.5 ADVANCED EDUCATION STUDENTS: SEX AND TYPE OF ENROLMENT, 1984

Sex and type of enrolment	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
Number									
Males—									
Full-time internal	9,226	15,878	6,330	3,792	4,624	825	148	1,646	42,469
Part-time internal	9,256	13,644	5,031	3,878	5,211	466	229	1,755	39,470
External	5,195	2,440	4,167	1,214	1,158	403	22	6	14,605
Total	23,677	31,962	15,528	8,884	10,993	1,694	399	3,407	96,544
Females—									
Full-time internal	12,754	16,132	7,156	4,440	5,217	594	280	1,810	48,383
Part-time internal	6,347	9,796	2,679	3,432	3,747	476	298	1,434	28,209
External	5,139	2,180	2,268	1,522	1,244	230	38	63	12,684
Total	24,240	28,108	12,103	9,394	10,208	1,300	616	3,307	89,276
Persons—									
Full-time internal	21,980	32,010	13,486	8,232	9,841	1,419	428	3,456	90,852
Part-time internal	15,603	23,440	7,710	7,310	8,958	942	527	3,189	67,679
External	10,334	4,620	6,435	2,736	2,402	633	60	69	27,289
Total	47,917	60,070	27,631	18,278	21,201	2,994	1,015	6,714	185,820
Per cent									
Males—									
Full-time internal	39.0	49.7	40.8	42.7	42.1	48.7	37.1	48.3	44.0
Part-time internal	39.1	42.7	32.4	43.7	47.4	27.5	57.4	51.5	40.9
External	21.9	7.6	26.8	13.7	10.5	23.8	5.5	0.2	15.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Females—									
Full-time internal	52.6	57.4	59.1	47.3	51.1	45.7	45.5	54.7	54.2
Part-time internal	26.2	34.9	22.1	36.5	36.7	36.6	48.4	43.4	31.6
External	21.2	7.8	18.7	16.2	12.2	17.7	6.2	1.9	14.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Persons—									
Full-time internal	45.9	53.3	48.8	45.0	46.4	47.4	42.2	51.5	48.9
Part-time internal	32.6	39.0	27.9	40.0	42.3	31.5	51.9	47.5	36.4
External	21.6	7.7	23.3	15.0	11.3	21.1	5.9	1.0	14.7
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

DIAGRAM 3.5 ADVANCED EDUCATION STUDENTS: SEX AND TYPE OF ENROLMENT, 1984

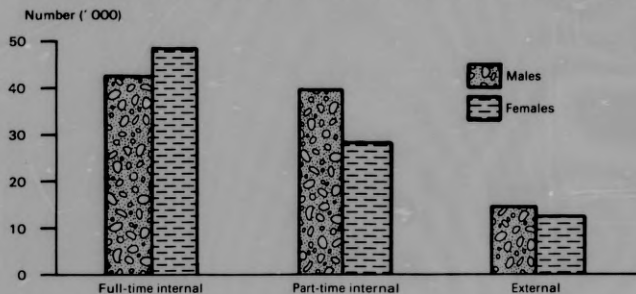


TABLE 3.6 ADVANCED EDUCATION STUDENTS: TYPE OF ENROLMENT AND INSTITUTION GROUP, 1984

Type of enrolment and institution group	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia		
									Males	Females	Persons
FULL-TIME INTERNAL											
Colleges of advanced education	19,296	31,317	12,074	8,232	9,841	1,124	—	2,942	39,505	45,321	84,826
Institutes of advanced education in universities	727	—	681	—	—	—	—	—	468	940	1,408
Technical and further education institutions	271	631	488	—	—	—	428	354	1,014	1,158	2,172
Other Commonwealth institutions	—	—	—	—	—	295	—	—	287	8	295
Other institutions	1,686	62	243	—	—	—	—	160	1,195	956	2,151
Total	21,980	32,010	13,486	8,232	9,841	1,419	428	3,456	42,469	48,383	90,852
PART-TIME INTERNAL											
Colleges of advanced education	13,923	23,424	7,219	7,310	8,958	942	—	2,940	37,849	26,867	64,716
Institutes of advanced education in universities	267	—	132	—	—	—	—	—	213	186	399
Technical and further education institutions	1,358	16	305	—	—	—	527	166	1,340	1,032	2,372
Other Commonwealth institutions	—	—	—	—	—	—	—	—	—	—	—
Other institutions	55	—	54	—	—	—	—	83	68	124	192
Total	15,603	23,440	7,710	7,310	8,958	942	527	3,189	39,470	28,209	67,679
EXTERNAL											
Colleges of advanced education	9,641	4,499	5,667	2,736	2,402	633	—	—	13,941	11,637	25,578
Institutes of advanced education in universities	595	—	357	—	—	—	—	—	252	700	952
Technical and further education institutions	98	121	136	—	—	—	60	—	335	80	415
Other Commonwealth institutions	—	—	—	—	—	—	—	—	—	—	—
Other institutions	—	—	275	—	—	—	—	69	77	267	344
Total	10,334	4,620	6,435	2,736	2,402	633	60	69	14,605	12,684	27,289
TOTAL											
Colleges of advanced education	42,860	59,240	24,960	18,278	21,201	2,699	—	5,882	91,295	83,825	175,120
Institutes of advanced education in universities	1,589	—	1,170	—	—	—	—	—	933	1,826	2,759
Technical and further education institutions	1,727	768	929	—	—	—	1,015	520	2,689	2,270	4,959
Other Commonwealth institutions	—	—	—	—	—	295	—	—	287	8	295
Other institutions	1,741	62	572	—	—	—	—	312	1,340	1,347	2,687
Total	47,917	60,070	27,631	18,278	21,201	2,994	1,015	6,714	96,544	89,276	185,820

TABLE 3.7 ADVANCED EDUCATION STUDENTS: COURSE LEVEL, SEX, INSTITUTION GROUP AND TYPE OF ENROLMENT, 1984

<i>Institution group and type of enrolment</i>	<i>Masters degree</i>	<i>Graduate diploma</i>	<i>Bachelor degree</i>	<i>Diploma</i>	<i>Associate diploma</i>	<i>Miscellaneous</i>	<i>Total</i>
MALES							
Colleges of advanced education—							
Full-time internal	241	1,847	28,046	6,076	3,239	56	39,505
Part-time internal	1,112	7,213	21,919	2,569	4,054	982	37,849
External	73	2,643	6,233	565	3,985	442	13,941
Total	1,426	11,703	56,198	9,210	11,278	1,480	91,295
Institutes of advanced education in universities—							
Full-time internal	—	10	145	144	169	—	468
Part-time internal	—	47	24	8	134	—	213
External	—	29	208	7	8	—	252
Total	—	86	377	159	311	—	933
Technical and further education institutions—							
Full-time internal	—	4	200	522	288	—	1,014
Part-time internal	—	3	187	63	1,053	34	1,340
External	—	—	8	—	327	—	335
Total	—	7	395	585	1,668	34	2,689
Other Commonwealth institutions—							
Full-time internal	—	14	—	213	37	23	287
Part-time internal	—	—	—	—	—	—	—
External	—	—	—	—	—	—	—
Total	—	14	—	213	37	23	287
Other institutions—							
Full-time internal	—	109	562	395	129	—	1,195
Part-time internal	—	37	21	9	—	1	68
External	—	61	—	16	—	—	77
Total	—	207	583	420	129	1	1,340
All institution groups—							
Full-time internal	241	1,984	28,953	7,350	3,862	79	42,469
Part-time internal	1,112	7,300	22,151	2,649	5,241	1,017	39,470
External	73	2,733	6,449	588	4,320	442	14,605
Total	1,426	12,017	57,553	10,587	13,423	1,538	96,544
FEMALES							
Colleges of advanced education—							
Full-time internal	98	2,347	22,299	17,512	3,010	55	45,321
Part-time internal	279	5,998	14,508	2,463	2,662	957	26,867
External	12	2,185	5,928	1,730	1,560	222	11,637
Total	389	10,530	42,735	21,705	7,232	1,234	83,825
Institutes of advanced education in universities—							
Full-time internal	—	9	180	576	175	—	940
Part-time internal	—	32	35	26	91	2	186
External	—	74	447	105	74	—	700
Total	—	115	662	707	340	2	1,826
Technical and further education institutions—							
Full-time internal	—	16	304	585	253	—	1,158
Part-time internal	—	22	190	146	625	49	1,032
External	—	—	13	7	60	—	80
Total	—	38	507	738	938	49	2,270
Other Commonwealth institutions—							
Full-time internal	—	—	—	4	4	—	8
Part-time internal	—	—	—	—	—	—	—
External	—	—	—	—	—	—	—
Total	—	—	—	4	4	—	8
Other institutions—							
Full-time internal	—	72	200	657	26	1	956
Part-time internal	—	76	22	24	—	2	124
External	—	104	—	159	—	4	267
Total	—	252	222	840	26	7	1,347
All institution groups—							
Full-time internal	98	2,444	22,983	19,334	3,468	56	48,383
Part-time internal	279	6,128	14,755	2,659	3,378	1,010	28,209
External	12	2,363	6,388	2,001	1,694	226	12,684
Total	389	10,935	44,126	23,994	8,540	1,292	89,276

TABLE 3.7 ADVANCED EDUCATION STUDENTS: COURSE LEVEL, SEX, INSTITUTION GROUP
AND TYPE OF ENROLMENT, 1984 — continued

<i>Institution group and type of enrolment</i>	<i>Masters degree</i>	<i>Graduate diploma</i>	<i>Bachelor degree</i>	<i>Diploma</i>	<i>Associate diploma</i>	<i>Mis- cellaneous</i>	<i>Total</i>
PERSONS							
Colleges of advanced education—							
Full-time internal	339	4,194	50,345	23,588	6,249	111	84,826
Part-time internal	1,391	13,211	36,427	5,032	6,716	1,939	64,716
External	85	4,828	12,161	2,295	5,545	664	25,578
Total	1,815	22,233	98,933	30,915	18,510	2,714	175,120
Institutes of advanced education in universities—							
Full-time internal	—	19	325	720	344	—	1,408
Part-time internal	—	79	59	34	225	2	399
External	—	103	655	112	82	—	952
Total	—	201	1,039	866	651	2	2,759
Technical and further education institutions—							
Full-time internal	—	20	504	1,107	541	—	2,172
Part-time internal	—	25	377	209	1,678	83	2,372
External	—	—	21	7	387	—	415
Total	—	45	902	1,323	2,606	83	4,959
Other Commonwealth institutions—							
Full-time internal	—	14	—	217	41	23	295
Part-time internal	—	—	—	—	—	—	—
External	—	—	—	—	—	—	—
Total	—	14	—	217	41	23	295
Other institutions—							
Full-time internal	—	181	762	1,052	155	1	2,151
Part-time internal	—	113	43	33	—	3	192
External	—	165	—	175	—	4	344
Total	—	459	805	1,260	155	8	2,687
All institution groups—							
Full-time internal	339	4,428	51,936	26,684	7,330	135	90,852
Part-time internal	1,391	13,428	36,906	5,308	8,619	2,027	67,679
External	85	5,096	12,837	2,589	6,014	668	27,289
Total	1,815	22,952	101,679	34,581	21,963	2,830	165,609

TABLE 3.8 ADVANCED EDUCATION STUDENTS: COURSE LEVEL, TYPE OF ENROLMENT AND AGE, 1984

Type of enrolment and age (years)	Total students — number						Total students — per cent					
	Post-graduate (a)	Bachelor degree	Diploma	Associate diploma	Miscellaneous	Total	Post-graduate (a)	Bachelor degree	Diploma	Associate diploma	Miscellaneous	Total
Full-time internal—												
Under 17	—	336	250	75	—	661	—	0.6	0.9	1.0	—	0.7
17	—	5,798	3,457	942	21	10,218	—	11.2	13.0	12.9	15.6	11.2
18	1	9,757	5,591	1,450	7	16,806	—	18.8	21.0	19.8	5.2	18.5
19	13	9,524	5,535	1,056	6	16,134	0.3	18.3	20.7	14.4	4.4	17.8
20	268	7,807	3,512	650	6	12,243	5.6	15.0	13.2	8.9	4.4	13.5
21	440	5,053	1,625	470	5	7,593	9.2	9.7	6.1	6.4	3.7	8.4
22	497	2,925	972	317	4	4,715	10.4	5.6	3.6	4.3	3.0	5.2
23	441	1,805	709	274	3	3,232	9.3	3.5	2.7	3.7	2.2	3.6
24	409	1,317	520	243	9	2,498	8.6	2.5	1.9	3.3	6.7	2.7
25	271	1,016	466	219	6	1,978	5.7	2.0	1.7	3.0	4.4	2.2
26	234	850	375	153	11	1,623	4.9	1.6	1.4	2.1	8.1	1.8
27	251	672	398	147	8	1,476	5.3	1.3	1.5	2.0	5.9	1.6
28	199	587	346	116	5	1,253	4.2	1.1	1.3	1.6	3.7	1.4
29	154	486	302	122	—	1,064	3.2	0.9	1.1	1.7	—	1.2
30-39	1,017	2,653	2,041	711	25	6,447	21.3	5.1	7.6	9.7	18.5	7.1
40-49	63	637	443	268	11	1,662	6.4	1.2	1.7	3.7	8.1	1.8
50-59	305	126	65	68	3	327	1.4	0.2	0.2	0.9	2.2	0.4
60 and over	6	36	18	27	3	90	0.1	0.1	0.1	0.4	2.2	0.1
Not stated	198	551	59	22	2	832	4.2	1.1	0.2	0.3	1.5	0.9
Total	4,767	51,936	26,684	7,330	135	90,852	100.0	100.0	100.0	100.0	100.0	100.0
Part-time(b)—												
Under 17	—	17	2	32	6	57	—	—	—	0.2	0.2	0.1
17	3	523	20	327	77	950	—	1.1	0.3	2.2	2.9	1.0
18	4	1,407	77	573	135	2,196	—	2.8	1.0	3.9	5.0	2.3
19	22	1,908	145	748	112	2,935	0.1	3.8	1.8	5.1	4.2	3.1
20	51	2,641	258	781	117	3,848	0.3	5.3	3.3	5.3	4.3	4.1
21	164	2,931	268	705	129	4,197	0.8	5.9	3.4	4.8	4.8	4.4
22	412	3,095	226	660	129	4,522	2.1	6.2	2.9	4.5	4.8	4.8
23	660	2,983	173	666	106	4,588	3.3	6.0	2.2	4.6	3.9	4.8
24	811	2,817	170	640	116	4,554	4.1	5.7	2.2	4.4	4.3	4.8
25	1,041	2,752	224	611	112	4,740	5.2	5.5	2.8	4.2	4.2	5.0
26	1,066	2,547	241	617	109	4,580	5.3	5.1	3.1	4.2	4.0	4.8
27	1,172	2,441	244	548	94	4,499	5.9	4.9	3.1	3.7	3.5	4.7
28	1,045	2,147	241	608	96	4,137	5.2	4.3	3.1	4.2	3.6	4.4
29	1,028	2,060	279	552	99	4,018	5.1	4.1	3.5	3.8	3.7	4.2
30-39	8,598	14,351	3,421	4,249	767	31,386	43.0	28.9	43.3	29.0	28.5	33.0
40-49	3,087	3,992	1,533	1,652	306	10,570	15.4	8.0	19.4	11.3	11.4	11.1
50-59	641	787	325	479	105	2,337	3.2	1.6	4.1	3.3	3.9	2.5
60 and over	59	126	24	98	28	335	0.3	0.3	0.3	0.7	1.0	0.4
Not stated	136	218	26	87	52	519	0.7	0.4	0.3	0.6	1.9	0.5
Total	20,000	49,743	7,897	14,633	2,695	94,968	100.0	100.0	100.0	100.0	100.0	100.0
Total—												
Under 17	—	353	252	107	6	718	—	0.3	0.7	0.5	0.2	0.4
17	3	6,321	3,477	1,269	98	11,168	—	6.2	10.1	5.8	3.5	6.0
18	5	11,164	5,668	2,023	142	19,002	—	11.0	16.4	9.2	5.0	10.2
19	35	11,432	5,680	1,804	118	19,069	0.1	11.2	16.4	8.2	4.2	10.3
20	319	10,448	3,770	1,431	123	16,091	1.3	10.3	10.9	6.5	4.3	8.7
21	604	7,984	1,893	1,175	134	11,790	2.4	7.9	5.5	5.3	4.7	6.3
22	909	6,020	1,198	977	133	9,237	3.7	5.9	3.5	4.4	4.7	5.0
23	1,101	4,788	882	940	109	7,820	4.4	4.7	2.6	4.3	3.9	4.2
24	1,220	4,134	690	883	125	7,052	4.9	4.1	2.0	4.0	4.4	3.8
25	1,312	3,768	690	830	118	6,718	5.3	3.7	2.0	3.8	4.2	3.6
26	1,300	3,397	616	770	120	6,203	5.2	3.3	1.8	3.5	4.2	3.3
27	1,423	3,113	642	695	102	5,975	5.7	3.1	1.9	3.2	3.6	3.2
28	1,244	2,734	587	724	101	5,390	5.0	2.7	1.7	3.3	3.6	2.9
29	1,182	2,546	581	674	99	5,082	4.8	2.5	1.7	3.1	3.5	2.7
30-39	9,615	17,004	5,462	4,960	792	37,833	38.8	16.7	15.8	22.6	28.0	20.4
40-49	3,390	4,629	1,976	1,920	317	12,232	13.7	4.6	5.7	8.7	11.2	6.6
50-59	706	913	390	547	108	2,664	2.9	0.9	1.1	2.5	3.8	1.4
60 and over	65	162	42	125	31	425	0.3	0.2	0.1	0.6	1.1	0.2
Not stated	334	769	85	109	54	1,351	1.3	0.8	0.2	0.5	1.9	0.7
Total	24,767	101,679	34,581	21,963	2,830	185,820	100.0	100.0	100.0	100.0	100.0	100.0

(a) Includes masters degree and graduate diploma. (b) Includes External students.

DIAGRAM 3.6 ADVANCED EDUCATION STUDENTS : COURSE LEVEL, FOR SELECTED YEARS

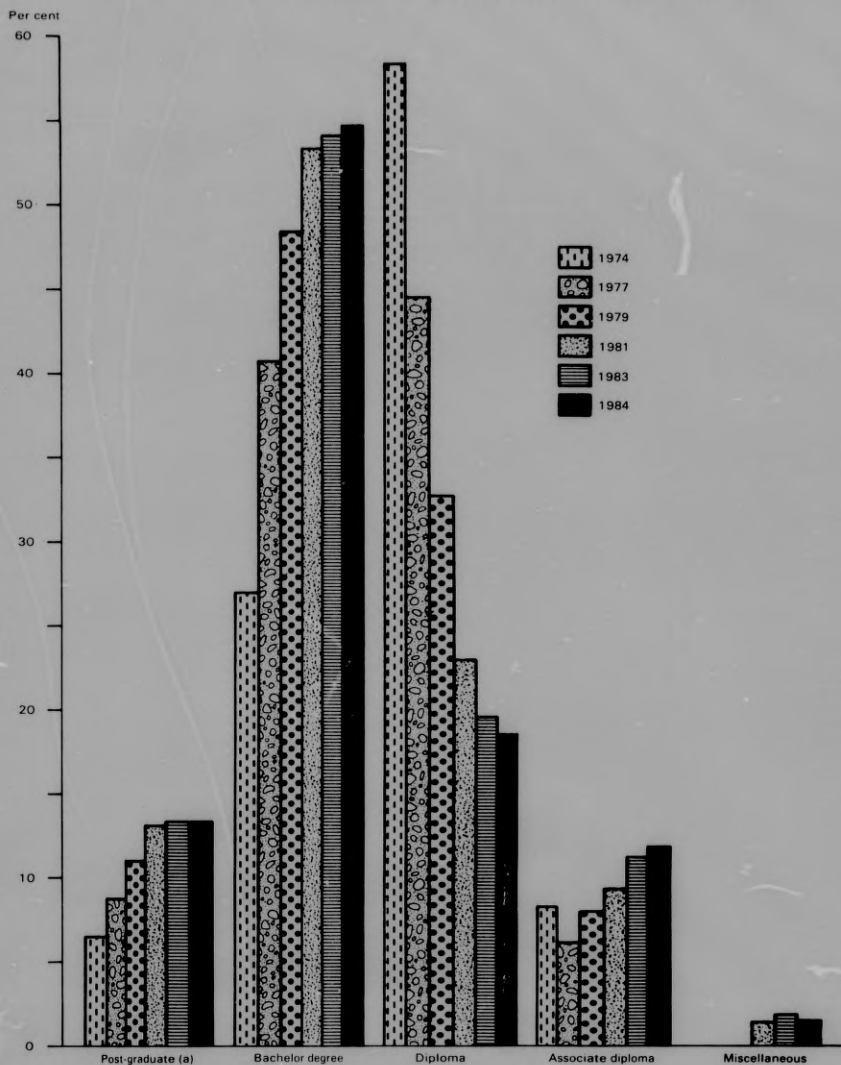


TABLE 3.9 ADVANCED EDUCATION STUDENTS: TYPE OF ENROLMENT AND COURSE LEVEL, 1979 TO 1984

Course level	1979	1980	1981	1982	1983	1984		
						Males	Females	Persons
FULL-TIME INTERNAL								
			Number					
Masters degree	176	216	187	205	287	241	98	339
Graduate diploma	4,572	3,924	3,720	3,816	4,366	1,984	2,444	4,428
Bachelor degree	36,784	38,569	41,468	45,148	48,602	28,953	22,983	51,936
Diploma	36,030	30,537	26,028	23,052	26,105	7,350	19,334	26,684
Associate diploma	4,563	4,973	5,229	5,511	6,850	3,862	3,468	7,330
Miscellaneous	..	6	53	63	115	79	56	135
Total	82,125	78,225	76,685	77,795	86,325	42,469	48,381	90,852
			Per cent					
Masters degree	0.2	0.3	0.2	0.3	0.3	0.6	0.2	0.4
Graduate diploma	5.6	5.0	4.9	4.9	5.1	4.7	5.1	4.9
Bachelor degree	44.8	49.3	54.1	58.0	56.3	68.2	47.5	57.2
Diploma	43.9	39.0	33.9	29.6	30.2	17.3	40.0	29.4
Associate diploma	5.6	6.4	6.8	7.1	7.9	9.1	7.2	8.1
Miscellaneous	..	—	0.1	0.1	0.1	0.2	0.1	0.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PART-TIME INTERNAL								
			Number					
Masters degree	655	780	899	1,164	1,216	1,112	279	1,391
Graduate diploma	8,954	11,021	12,593	13,016	13,205	7,300	6,128	13,428
Bachelor degree	30,868	34,370	35,197	35,877	36,198	22,151	14,755	36,906
Diploma	10,575	8,735	8,421	7,561	6,475	2,649	2,659	5,308
Associate diploma	5,316	5,986	6,162	6,380	8,313	5,241	3,378	8,619
Miscellaneous	..	1,361	1,641	1,994	2,347	1,017	1,010	2,027
Total	56,368	62,253	64,913	65,992	67,754	39,470	28,209	67,679
			Per cent					
Masters degree	1.2	1.3	1.4	1.8	1.8	2.8	1.0	2.1
Graduate diploma	15.9	17.7	19.4	19.7	19.5	18.5	21.7	19.8
Bachelor degree	54.8	55.2	54.2	54.4	53.4	56.1	52.3	54.5
Diploma	18.8	14.0	13.0	11.5	9.6	6.7	9.4	7.8
Associate diploma	9.4	9.6	9.5	9.7	12.3	13.3	12.0	12.7
Miscellaneous	..	2.2	2.5	3.0	3.5	2.6	3.6	3.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
EXTERNAL								
			Number					
Masters degree	43	48	56	88	82	73	12	85
Graduate diploma	2,635	3,457	4,162	4,611	4,738	2,733	2,363	5,096
Bachelor degree	7,698	9,525	11,240	12,031	12,460	6,449	6,388	12,837
Diploma	4,252	3,889	3,462	2,949	2,686	588	2,001	2,589
Associate diploma	2,546	3,436	3,925	4,428	5,039	4,320	1,694	6,014
Miscellaneous	..	731	624	694	809	442	226	668
Total	17,174	21,086	23,469	24,801	25,814	14,605	12,684	27,289
			Per cent					
Masters degree	0.3	0.2	0.2	0.4	0.3	0.5	0.1	0.1
Graduate diploma	15.3	16.4	17.7	18.6	18.4	18.7	18.6	18.7
Bachelor degree	44.8	45.2	47.9	48.5	48.3	44.2	50.4	47.0
Diploma	24.8	18.4	14.8	11.9	10.4	4.0	15.8	9.5
Associate diploma	14.8	16.3	16.7	17.9	19.5	29.6	13.4	22.0
Miscellaneous	..	3.5	2.7	2.8	3.1	3.0	1.8	2.4
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL								
			Number					
Masters degree	874	1,044	1,142	1,457	1,585	1,426	389	1,815
Graduate diploma	16,161	18,402	20,475	21,443	22,309	12,017	10,935	22,952
Bachelor degree	75,350	82,464	87,905	93,056	97,260	57,553	44,126	101,679
Diploma	50,857	43,161	37,911	33,562	35,266	10,587	23,994	34,581
Associate diploma	12,425	14,395	15,316	16,319	20,202	13,423	8,540	21,963
Miscellaneous	..	2,098	2,318	2,751	3,271	1,538	1,292	2,830
Total	155,667	161,564	165,067	168,588	179,893	96,544	89,276	185,820
			Per cent					
Masters degree	0.6	0.6	0.7	0.9	0.9	1.5	0.4	1.0
Graduate diploma	10.4	11.4	12.4	12.7	12.4	12.4	12.2	12.4
Bachelor degree	48.4	51.0	53.3	55.2	54.1	59.6	49.4	54.7
Diploma	32.7	26.7	23.0	19.9	19.6	11.0	26.9	18.6
Associate diploma	8.0	8.9	9.3	9.7	11.2	13.9	9.6	11.8
Miscellaneous	..	1.3	1.4	1.6	1.8	1.6	1.4	1.5
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3.10 ADVANCED EDUCATION STUDENTS: COURSE LEVEL, SEX, TYPE OF ENROLMENT AND FIELD OF STUDY, 1984

Field of study	Masters degree	Graduate diploma	Bachelor degree	Diploma	Associate diploma	Total			Females as a per cent of persons
						Males	Females	Persons	
FULL-TIME INTERNAL									
Agriculture, forestry	—	32	594	684	1,156	1,746	720	2,466	29.2
Applied science	128	280	7,791	512	1,444	6,373	3,782	10,155	37.2
Visual and performing arts	15	203	4,960	2,295	935	3,181	5,227	8,408	62.2
Architecture, building	4	44	1,433	11	67	1,228	331	1,559	21.2
Commercial and business studies	61	713	11,928	130	961	8,514	5,279	13,793	38.3
Engineering	48	33	7,271	145	591	7,796	292	8,088	3.6
Social sciences	19	184	3,436	334	1,170	1,584	3,559	5,143	69.2
Humanities	6	130	2,928	126	442	1,493	2,139	3,632	58.9
Paramedical studies	14	258	3,085	1,931	335	1,287	4,336	5,623	77.1
Education	44	2,551	8,510	20,516	229	9,188	22,662	31,850	71.2
Miscellaneous	..	..	..	..	..	79	56	135	41.5
Total(a)	339	4,428	51,936	26,684	7,330	42,469	48,383	90,852	53.3
PART-TIME INTERNAL									
Agriculture, forestry	—	55	7	29	209	196	104	300	34.7
Applied science	319	2,358	3,991	277	1,082	5,601	2,426	8,027	30.2
Visual and performing arts	42	220	681	387	878	822	1,386	2,208	62.8
Architecture, building	11	294	1,303	228	359	1,937	258	2,195	11.8
Commercial and business studies	560	3,048	14,639	158	2,134	15,231	5,308	20,539	25.8
Engineering	117	574	3,060	40	1,276	4,951	116	5,067	2.3
Social sciences	21	1,084	2,742	110	1,476	1,953	3,480	5,433	64.1
Humanities	21	491	1,991	23	650	896	2,280	3,176	71.8
Paramedical studies	79	235	750	624	441	420	1,709	2,129	80.3
Education	221	5,069	7,742	3,432	114	6,446	10,132	16,578	61.1
Miscellaneous	..	..	..	..	..	1,017	1,010	2,027	49.8
Total(a)	1,391	13,428	36,906	5,308	8,619	39,470	28,209	67,679	41.7
EXTERNAL									
Agriculture, forestry	—	15	128	1	693	637	200	837	23.9
Applied science	23	27	970	12	1,304	1,733	603	2,336	25.8
Visual and performing arts	—	—	2	2	1	3	2	5	40.0
Architecture, building	1	26	46	1	104	152	26	178	14.6
Commercial and business studies	11	1,155	4,096	346	2,015	5,703	1,920	7,623	25.2
Engineering	6	150	67	—	925	1,121	27	1,148	2.4
Social sciences	—	181	1,384	13	306	594	1,290	1,884	68.5
Humanities	—	288	726	7	429	382	1,068	1,450	73.7
Paramedical studies	2	149	86	218	57	153	359	512	70.1
Education	42	3,105	5,332	1,989	180	3,685	6,963	10,648	65.4
Miscellaneous	..	..	..	..	..	442	226	668	33.8
Total(a)	85	5,096	12,837	2,589	6,014	14,605	12,684	27,289	46.5
TOTAL									
Agriculture, forestry	—	102	729	714	2,058	2,579	1,024	3,603	28.4
Applied science	470	2,665	12,752	801	3,830	13,707	6,811	20,518	33.2
Visual and performing arts	57	423	5,643	2,684	1,814	4,006	6,615	10,621	62.3
Architecture, building	16	364	2,782	240	530	3,317	615	3,932	15.6
Commercial and business studies	632	4,916	30,663	634	5,110	29,448	12,507	41,955	29.8
Engineering	171	757	10,398	185	2,792	13,868	435	14,303	3.0
Social sciences	40	1,449	7,562	457	2,952	4,131	8,329	12,460	66.8
Humanities	27	909	5,645	156	1,521	2,771	5,487	8,258	66.4
Paramedical studies	95	642	3,921	2,773	833	1,860	6,404	8,264	77.5
Education	307	10,725	21,584	25,937	523	19,319	39,757	59,076	67.3
Miscellaneous	..	..	..	..	..	1,538	1,292	2,830	45.7
Total(a)	1,815	22,952	101,679	34,581	21,963	96,544	89,276	185,820	48.0

(a) The sum of the course level components does not add to total persons as total persons includes miscellaneous students who are not reported by course level.

DIAGRAM 3.7 ADVANCED EDUCATION STUDENTS : FIELDS OF STUDY, MALES, 1984.

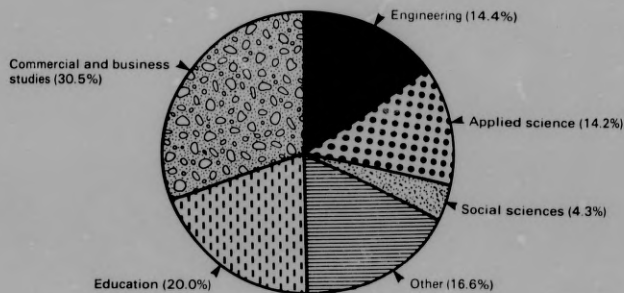


DIAGRAM 3.8 ADVANCED EDUCATION STUDENTS : FIELDS OF STUDY, FEMALES, 1984

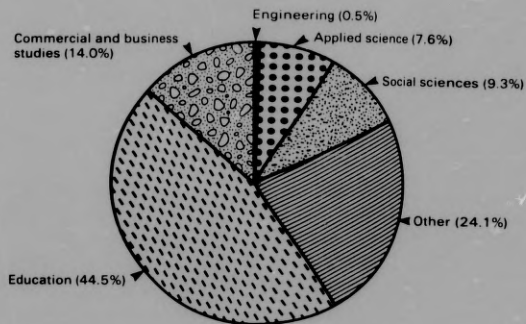


TABLE 3.11 ADVANCED EDUCATION STUDENTS: SEX AND COURSE LEVEL, 1984

Course level	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
MALES									
Masters degree	398	405	77	152	273	7	—	114	1,426
Graduate diploma	2,573	4,338	1,387	1,420	1,568	123	7	601	12,017
Bachelor degree	13,448	21,055	7,585	4,596	7,373	835	268	2,393	57,553
Diploma	2,569	4,144	1,692	767	904	366	62	83	10,587
Associate diploma	4,630	1,606	4,264	1,868	559	307	62	127	13,423
Miscellaneous	59	414	523	81	316	56	—	89	1,538
Total males	23,677	31,962	15,528	8,884	10,993	1,694	399	3,407	96,544
FEMALES									
Masters degree	84	84	11	27	87	7	—	89	389
Graduate diploma	3,015	3,765	1,063	1,462	1,094	51	36	449	10,935
Bachelor degree	10,882	15,854	4,291	4,299	5,363	968	321	2,178	44,126
Diploma	6,730	6,859	4,714	2,342	2,737	116	124	372	23,994
Associate diploma	3,425	1,185	1,779	1,221	580	93	135	122	8,540
Miscellaneous	104	361	245	73	347	65	—	97	1,292
Total females	24,240	28,108	12,103	9,394	10,208	1,300	616	3,307	89,276
PERSONS									
Masters degree	482	489	88	179	360	14	—	203	1,815
Graduate diploma	5,588	8,103	2,450	2,882	2,662	174	43	1,050	22,952
Bachelor degree	24,330	36,909	11,876	8,865	12,736	1,803	589	4,571	101,679
Diploma	9,299	11,003	6,406	3,109	3,641	482	186	455	34,581
Associate diploma	8,055	2,791	6,043	3,089	1,139	400	197	249	21,963
Miscellaneous	163	775	768	154	663	121	—	186	2,830
Total persons	47,917	60,070	27,631	18,278	21,201	2,994	1,015	6,714	185,820

DIAGRAM 3.9 ADVANCED EDUCATION STUDENTS: SEX AND COURSE LEVEL, 1984

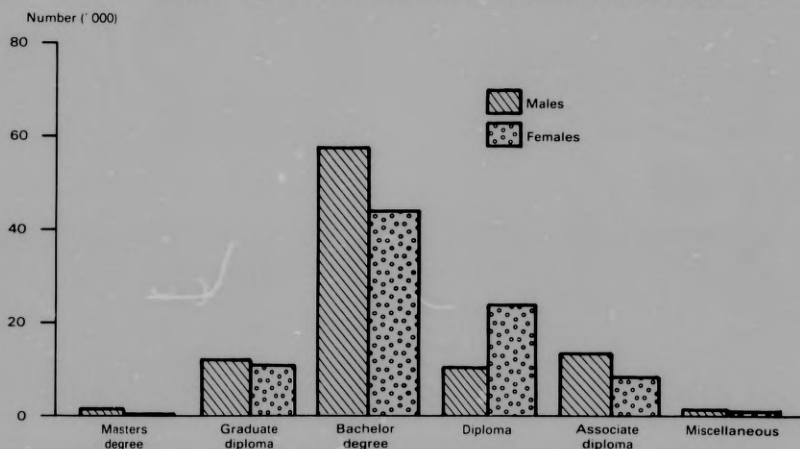


TABLE 3.12 ADVANCED EDUCATION STUDENTS: TYPE OF ENROLMENT AND SEX, 1979 TO 1984

At 30 April	Number				Per cent			
	Full-time internal	Part-time internal	External	Total	Full-time internal	Part-time internal	External	Total
MALES								
1979	36,116	34,656	9,028	79,800	45.2	43.4	11.3	100.0
1980	34,383	37,383	11,057	82,823	41.5	45.1	13.3	100.0
1981	33,879	39,157	12,403	85,439	39.6	45.8	14.5	100.0
1982	34,990	39,632	12,882	87,504	40.0	45.3	14.7	100.0
1983	39,986	39,872	13,458	93,316	42.8	42.7	14.4	100.0
1984	42,469	39,470	14,605	96,544	44.0	40.9	15.1	100.0
FEMALES								
1979	46,009	21,712	8,146	75,867	60.6	28.6	10.7	100.0
1980	43,842	24,870	10,029	78,741	55.7	31.6	12.7	100.0
1981	42,806	25,756	11,066	79,628	53.7	32.3	13.9	100.0
1982	42,805	26,360	11,919	81,084	52.8	32.5	14.7	100.0
1983	46,339	27,882	12,356	86,577	53.5	32.2	14.3	100.0
1984	48,383	28,209	12,684	89,276	54.2	31.6	14.2	100.0
PERSONS								
1979	82,125	56,368	17,174	155,667	52.8	36.2	11.0	100.0
1980	78,225	62,253	21,086	161,564	48.4	38.5	13.0	100.0
1981	76,685	64,913	23,469	165,067	46.4	39.3	14.2	100.0
1982	77,795	65,992	24,801	168,588	46.1	39.1	14.7	100.0
1983	86,325	67,754	25,814	179,893	48.0	37.7	14.3	100.0
1984	90,852	67,679	27,289	185,820	48.9	36.4	14.7	100.0

DIAGRAM 3.10 ADVANCED EDUCATION STUDENTS: TYPE OF ENROLMENT AND SEX, 1979 TO 1984.

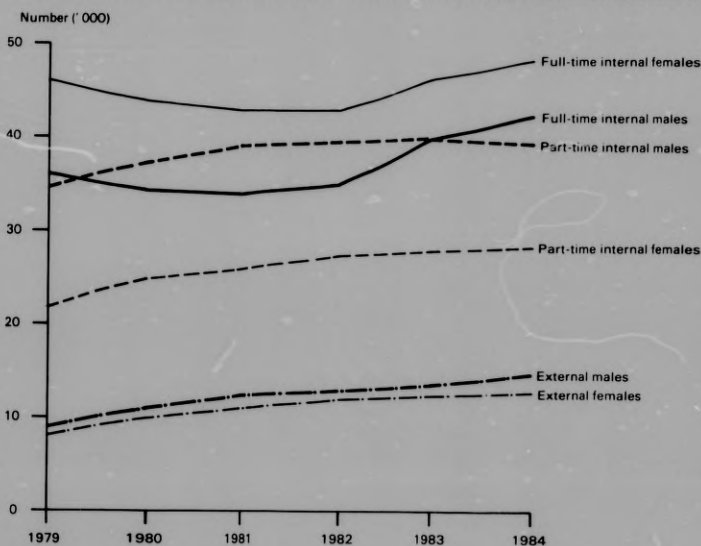


TABLE 3.14 ADVANCED EDUCATION STUDENTS: SEX AND COURSE LEVEL, 1979 TO 1984

<i>Course level</i>	<i>1979</i>	<i>1980</i>	<i>1981</i>	<i>1982</i>	<i>1983</i>	<i>1984</i>
MALES						
Number						
Masters degree	677	807	899	1,147	1,255	1,426
Graduate diploma	9,057	9,910	10,665	11,172	11,465	12,017
Bachelor degree	45,730	48,718	51,100	53,168	55,402	57,553
Diploma	17,113	14,064	12,632	10,983	11,419	10,587
Associate diploma	7,223	8,202	8,938	9,596	12,018	13,423
Miscellaneous	..	1,122	1,185	1,438	1,757	1,538
Total	79,800	82,823	85,439	87,504	93,316	96,544
Per cent						
Masters degree	0.8	1.0	1.1	1.3	1.3	1.5
Graduate diploma	11.3	12.0	12.5	12.8	12.3	12.4
Bachelor degree	57.3	58.8	59.8	60.8	59.4	59.6
Diploma	21.4	17.0	14.8	12.6	12.2	11.0
Associate diploma	9.1	9.9	10.5	11.0	12.9	13.9
Miscellaneous	..	1.4	1.4	1.6	1.9	1.6
Total	100.0	100.0	100.0	100.0	100.0	100.0
FEMALES						
Number						
Masters degree	197	237	243	310	330	389
Graduate diploma	7,104	8,492	9,790	10,271	10,844	10,935
Bachelor degree	29,620	33,746	36,805	39,888	41,858	44,126
Diploma	33,744	29,097	25,279	22,579	23,847	23,994
Associate diploma	5,202	6,193	6,378	6,723	8,184	8,540
Miscellaneous	..	976	1,133	1,313	1,514	1,292
Total	75,867	78,741	79,628	81,084	86,577	89,276
Per cent						
Masters degree	0.3	0.3	0.3	0.4	0.4	0.4
Graduate diploma	9.4	10.8	12.3	12.7	12.5	12.2
Bachelor degree	39.0	42.9	46.2	49.2	48.3	49.4
Diploma	44.5	37.0	31.7	27.8	27.5	26.9
Associate diploma	6.9	7.9	8.0	8.3	9.5	9.6
Miscellaneous	..	1.2	1.4	1.6	1.7	1.4
Total	100.0	100.0	100.0	100.0	100.0	100.0
PERSONS						
Number						
Masters degree	874	1,044	1,142	1,457	1,585	1,815
Graduate diploma	16,161	18,402	20,475	21,443	22,309	22,952
Bachelor degree	75,350	82,464	87,905	93,056	97,260	101,679
Diploma	50,857	43,161	37,911	33,562	35,266	34,581
Associate diploma	12,425	14,395	15,316	16,319	20,202	21,963
Miscellaneous	..	2,098	2,318	2,751	3,271	2,830
Total	155,667	161,564	165,067	168,588	179,893	185,820
Per cent						
Masters degree	0.6	0.6	0.7	0.9	0.9	1.0
Graduate diploma	10.4	11.4	12.4	12.7	12.4	12.4
Bachelor degree	48.4	51.0	53.3	55.2	54.1	54.7
Diploma	32.7	26.7	23.0	19.9	19.6	18.6
Associate diploma	8.0	8.9	9.3	9.7	11.2	11.8
Miscellaneous	..	1.3	1.4	1.6	1.8	1.5
Total	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3.15 ADVANCED EDUCATION COMMENCING STUDENTS: COURSE LEVEL, SEX AND TYPE OF ENROLMENT, 1984

Sex and type of enrolment	Masters degree	Graduate diploma	Bachelor degree	Diploma	Associate diploma	Miscellaneous	Total
Males—							
Full-time internal	85	1,713	10,943	2,735	2,173	50	17,699
Part-time internal	252	3,432	5,721	277	1,997	774	12,453
External	8	1,320	2,380	210	1,855	298	6,071
Total	345	6,465	19,044	3,222	6,025	1,122	36,223
Females—							
Full-time internal	35	2,264	8,940	7,470	1,956	54	20,719
Part-time internal	64	2,946	4,990	780	1,370	796	10,946
External	2	1,180	2,519	649	746	165	5,261
Total	101	6,390	16,449	8,899	4,072	1,015	36,926
Persons—							
Full-time internal	120	3,977	19,883	10,205	4,129	104	38,418
Part-time internal	316	6,378	10,711	1,057	3,367	1,570	23,399
External	10	2,500	4,899	859	2,601	463	11,332
Total	446	12,855	35,493	12,121	10,097	2,137	73,149

TABLE 3.16 ADVANCED EDUCATION STUDENTS COMMENCING HIGHER EDUCATION FOR THE FIRST TIME: SEX, TYPE OF ENROLMENT AND AGE, 1984

Age (years) at 31 December previous year	Males				Females				Persons			
	Full-time internal	Part-time internal	External	Total	Full-time internal	Part-time internal	External	Total	Full-time internal	Part-time internal	External	Total
	Number											
Under 17	250	24	12	286	397	9	5	411	647	33	17	697
17	3,924	433	118	4,475	5,708	253	37	5,998	9,632	686	155	10,473
18	3,850	508	87	4,445	4,838	327	46	5,211	8,688	835	133	9,656
19	1,479	292	77	1,848	1,371	166	46	1,583	2,850	458	123	3,431
20	690	202	60	952	587	147	37	771	1,277	349	97	1,723
21	470	191	78	739	379	148	46	573	849	339	124	1,312
22	353	223	109	685	267	139	65	471	620	362	174	1,156
23	276	181	90	547	225	161	52	438	501	342	142	985
24	198	206	90	494	185	158	52	395	383	364	142	889
25	177	161	121	459	167	152	48	367	344	313	169	826
26	156	212	85	453	119	132	44	295	275	321	144	748
27	141	193	98	432	121	128	46	295	262	321	154	737
28	105	186	113	404	118	135	41	294	223	321	154	698
29	90	152	93	335	113	130	38	281	203	282	131	616
30-39	497	1,069	769	2,335	772	905	497	2,174	1,269	1,974	1,266	4,509
40-49	88	271	214	573	197	350	198	745	285	621	412	1,318
50-59	26	70	57	153	27	67	51	145	53	137	108	298
60 and over	13	12	11	36	12	20	10	42	25	32	21	78
Not stated	19	20	2	41	33	19	4	56	52	39	6	97
Total	12,802	4,606	2,284	19,692	15,636	3,546	1,363	20,545	28,438	8,152	3,647	40,237
	Per cent											
Under 17	87.4	8.4	4.2	100.0	96.6	2.2	1.2	100.0	92.8	4.7	2.4	100.0
17	87.7	9.7	2.6	100.0	95.2	4.2	0.6	100.0	92.0	6.6	1.5	100.0
18	86.6	11.4	2.0	100.0	92.8	6.3	0.9	100.0	90.0	8.6	1.4	100.0
19	80.0	15.8	4.2	100.0	86.6	10.5	2.9	100.0	83.1	13.3	3.6	100.0
20	72.5	21.2	6.3	100.0	76.1	19.1	4.8	100.0	74.1	20.3	5.6	100.0
21	63.6	25.8	10.6	100.0	66.1	25.8	8.0	100.0	64.7	25.8	9.5	100.0
22	51.5	32.6	15.9	100.0	56.7	29.5	13.8	100.0	53.6	31.3	15.1	100.0
23	50.5	33.1	16.5	100.0	51.4	36.8	11.9	100.0	50.9	34.7	14.4	100.0
24	40.1	41.7	18.2	100.0	46.8	40.0	13.1	100.0	43.1	40.9	16.0	100.0
25	38.6	35.1	26.4	100.0	45.5	41.4	14.9	100.0	41.6	37.9	20.5	100.0
26	34.4	46.8	18.8	100.0	40.3	44.7	14.9	100.0	36.8	46.0	17.2	100.0
27	32.6	44.7	22.7	100.0	41.0	43.4	15.6	100.0	36.0	44.2	19.8	100.0
28	26.0	46.0	28.0	100.0	40.1	45.9	13.9	100.0	31.9	46.0	22.1	100.0
29	26.9	45.4	27.8	100.0	40.2	46.3	13.5	100.0	33.0	45.8	21.3	100.0
30-39	21.3	45.8	32.9	100.0	35.5	41.6	22.9	100.0	28.1	43.8	28.1	100.0
40-49	15.4	47.3	37.3	100.0	26.4	47.0	26.6	100.0	21.6	47.1	31.3	100.0
50-59	17.0	45.8	37.3	100.0	18.6	46.2	35.2	100.0	17.8	46.0	36.2	100.0
60 and over	36.1	33.3	30.6	100.0	28.6	47.6	23.8	100.0	32.1	41.0	26.9	100.0
Not stated	46.3	48.8	4.9	100.0	58.9	33.9	7.4	100.0	53.6	40.2	6.2	100.0
Total	65.0	23.4	11.6	100.0	76.1	17.3	6.6	100.0	70.7	20.3	9.1	100.0

DIAGRAM 3.11 ADVANCED EDUCATION COMMENCING STUDENTS : SEX AND COURSE LEVEL, 1984

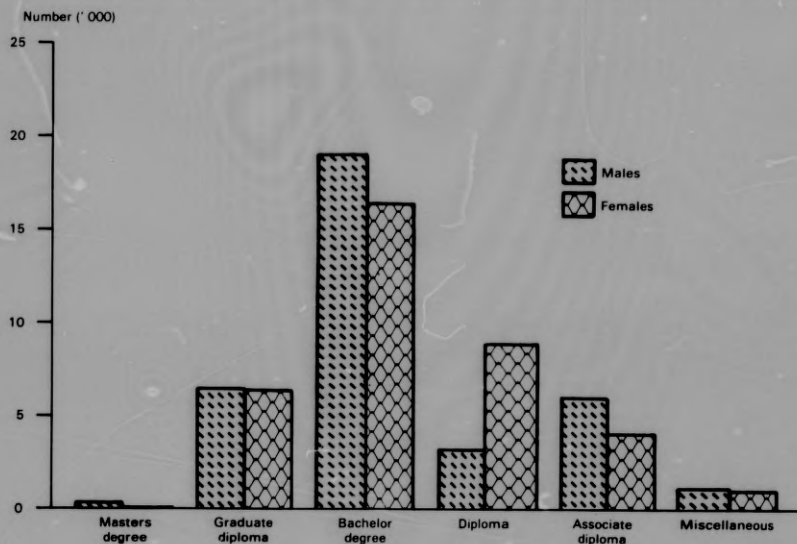


TABLE 3.17 ADVANCED EDUCATION COMMENCING STUDENTS: SEX AND COURSE LEVEL, 1979 TO 1984

Course level	1979	1980	1981	1982	1983	1984
MALES						
Masters degree	204	225	275	226	274	345
Graduate diploma	5,640	5,758	6,005	5,603	6,080	6,465
Bachelor degree	16,746	17,525	18,513	17,671	18,451	19,044
Diploma	4,838	4,458	4,792	4,159	3,669	3,222
Associate diploma	3,258	3,694	4,072	4,283	5,563	6,025
Miscellaneous	..	..	943	1,111	1,427	1,122
Total	30,686	31,660	34,600	33,053	35,464	36,223
FEMALES						
Masters degree	67	66	93	63	87	101
Graduate diploma	4,886	5,526	6,103	5,541	6,214	6,390
Bachelor degree	12,610	13,440	14,775	14,516	15,709	16,449
Diploma	11,474	9,879	8,809	8,323	8,788	8,899
Associate diploma	2,713	3,186	3,115	3,401	4,070	4,072
Miscellaneous	..	..	894	1,079	1,219	1,015
Total	31,750	32,097	33,789	32,923	36,087	36,926
PERSONS						
Masters degree	271	291	368	289	361	446
Graduate diploma	10,526	11,284	12,108	11,144	12,294	12,855
Bachelor degree	29,356	30,965	33,288	32,187	34,160	35,493
Diploma	16,312	14,337	13,601	12,482	12,457	12,121
Associate diploma	5,971	6,880	7,187	7,684	9,633	10,097
Miscellaneous	..	..	1,837	2,190	2,646	2,137
Total	62,436	63,757	68,389	65,976	71,551	73,149

DIAGRAM 3.12 ADVANCED EDUCATION COMMENCING STUDENTS: SEX, 1979 TO 1984

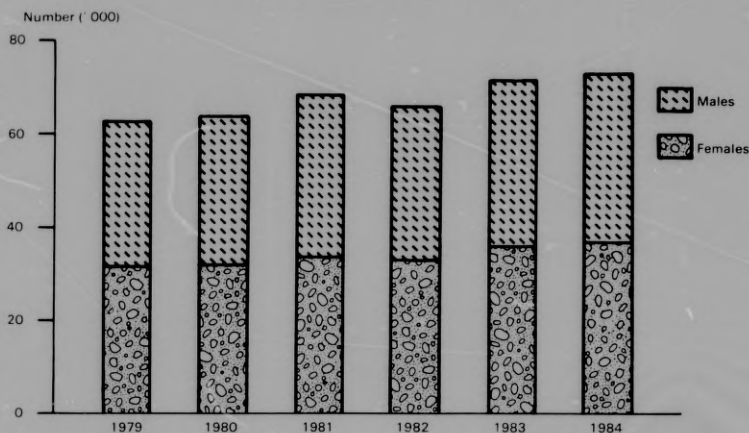


TABLE 3.18 ADVANCED EDUCATION COMMENCING STUDENTS: TYPE OF ENROLMENT AND COURSE LEVEL, 1979 TO 1984

Course level	1979	1980	1981	1982	1983	1984		
						Males	Females	Persons
FULL-TIME INTERNAL								
Masters degree	66	92	74	50	84	85	35	120
Graduate diploma	4,279	3,696	3,465	3,519	3,951	1,713	2,264	3,977
Bachelor degree	14,272	14,808	16,579	17,048	18,990	10,943	8,940	19,883
Diploma	11,786	9,926	8,845	8,676	10,161	2,735	7,470	10,205
Associate diploma	2,485	2,663	2,860	3,053	3,942	2,173	1,956	4,129
Miscellaneous	..	9	50	44	113	50	54	104
Total	32,888	31,194	31,873	32,390	37,241	17,699	20,719	38,418
PART-TIME INTERNAL								
Masters degree	190	183	272	231	261	252	64	316
Graduate diploma	4,791	5,789	6,327	5,559	6,089	3,432	2,946	6,378
Bachelor degree	11,433	11,710	11,693	10,765	10,665	5,721	4,990	10,711
Diploma	2,881	2,776	3,293	2,800	1,476	277	780	1,057
Associate diploma	2,297	2,570	2,549	2,649	3,506	1,997	1,370	3,367
Miscellaneous	..	1,242	1,306	1,629	1,918	774	796	1,570
Total	21,592	24,270	25,440	23,633	23,915	12,453	10,946	23,399
EXTERNAL								
Masters degree	15	16	22	8	16	8	2	10
Graduate diploma	1,456	1,799	2,316	2,066	2,254	1,320	1,180	2,500
Bachelor degree	3,651	4,447	5,016	4,374	4,505	2,380	2,519	4,899
Diploma	1,645	1,635	1,463	1,006	820	210	649	859
Associate diploma	1,189	1,647	1,778	1,982	2,185	1,855	746	2,601
Miscellaneous	..	679	481	517	615	298	165	463
Total	7,956	10,223	11,076	9,953	10,395	6,071	5,261	11,332
TOTAL								
Masters degree	271	291	368	289	361	345	101	446
Graduate diploma	10,526	11,284	12,108	11,144	12,294	6,465	6,390	12,855
Bachelor degree	29,356	30,965	33,288	32,187	34,160	19,044	16,449	35,493
Diploma	16,312	14,337	13,601	12,482	12,457	3,222	8,899	12,121
Associate diploma	5,971	6,880	7,187	7,684	9,633	6,025	4,072	10,097
Miscellaneous	..	1,930	1,837	2,190	2,646	1,122	1,015	2,137
Total	62,436	65,687	68,389	65,976	71,551	36,223	36,926	73,149

DIAGRAM 3.13 ADVANCED EDUCATION COMMENCING STUDENTS: TYPE OF ENROLMENT, 1979 TO 1984

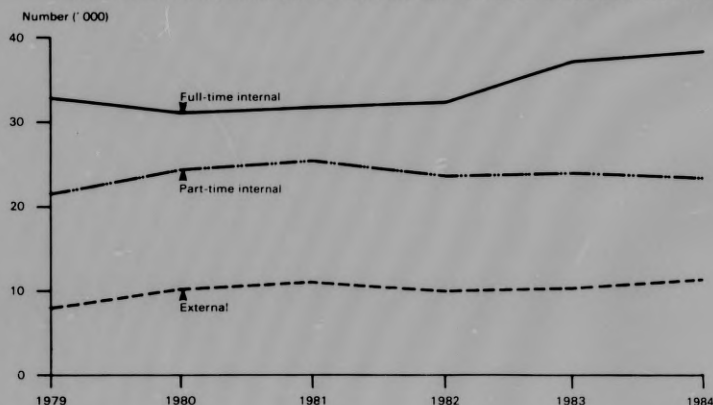


TABLE 3.19 ADVANCED EDUCATION COMMENCING STUDENTS: TYPE OF ENROLMENT, SEX AND HIGHEST QUALIFICATION ON COMMENCEMENT, 1983 AND 1984

Highest qualification on commencement	1983				1984			
	Full-time internal	Part-time internal	External	Total	Full-time internal	Part-time internal	External	Total
MALES								
Obtained in Australia—								
University—								
Complete	1,135	1,734	765	3,634	1,186	1,699	946	3,831
Incomplete	660	597	219	1,476	778	567	280	1,625
College of advanced education—								
Complete	988	3,100	1,337	5,425	1,046	3,289	1,559	5,894
Incomplete	1,110	1,365	453	2,928	1,060	1,157	574	2,791
Final school examination—								
In the previous year	7,293	853	253	8,399	8,135	958	185	9,278
One year ago	918	292	98	1,308	885	277	89	1,251
More than one year ago	1,365	1,240	589	3,194	1,283	1,146	691	3,120
Total	9,576	2,385	940	12,901	10,303	2,381	965	13,649
Other(a)	2,863	2,765	1,134	6,762	2,557	2,254	1,173	5,984
Obtained overseas	613	678	324	1,615	572	723	253	1,548
Not stated	217	271	235	723	383	383	321	901
Total	17,162	12,895	5,407	35,464	17,699	12,453	6,071	36,223
FEMALES								
Obtained in Australia—								
University—								
Complete	1,425	1,444	678	3,547	1,398	1,403	674	3,475
Incomplete	592	435	164	1,191	660	390	163	1,213
College of advanced education—								
Complete	1,299	3,706	2,004	7,009	1,434	3,992	2,258	7,684
Incomplete	949	900	294	2,143	909	785	437	2,131
Final school examination—								
In the previous year	9,832	492	118	10,442	10,554	654	80	11,288
One year ago	1,098	213	70	1,381	1,082	198	56	1,336
More than one year ago	1,277	908	431	2,616	1,252	909	375	2,536
Total	12,207	1,613	619	14,439	12,888	1,761	511	15,160
Other(a)	2,876	2,121	890	5,887	2,763	1,830	808	5,401
Obtained overseas	553	552	229	1,334	467	500	178	1,145
Not stated	178	249	110	537	200	285	232	717
Total	20,079	11,020	4,988	36,087	20,719	10,946	5,261	36,926
PERSONS								
Obtained in Australia—								
University—								
Complete	2,560	3,178	1,443	7,181	2,584	3,102	1,620	7,306
Incomplete	1,252	1,032	383	2,667	1,438	957	443	2,838
College of advanced education—								
Complete	2,287	6,806	3,341	12,434	2,480	7,281	3,817	13,578
Incomplete	2,059	2,265	747	5,071	1,969	1,942	1,011	4,922
Final school examination—								
In the previous year	17,125	1,345	371	18,841	18,689	1,612	265	20,566
One year ago	2,016	505	168	2,689	1,967	475	145	2,587
More than one year ago	2,642	2,148	1,020	5,810	2,535	2,055	1,066	5,656
Total	21,783	3,998	1,559	27,340	23,191	4,142	1,476	28,809
Other(a)	5,739	4,886	2,024	12,649	5,320	4,084	1,981	11,385
Obtained overseas	1,166	1,230	553	2,949	1,039	1,223	431	2,693
Not stated	395	520	345	1,260	397	668	553	1,618
Total	37,241	23,915	10,395	71,551	38,418	23,399	11,332	73,149

(a) Includes students admitted with college qualifying exam. TAFE qualification, work experience as entry qualification and any qualifications not listed above e.g. nursing certificate.

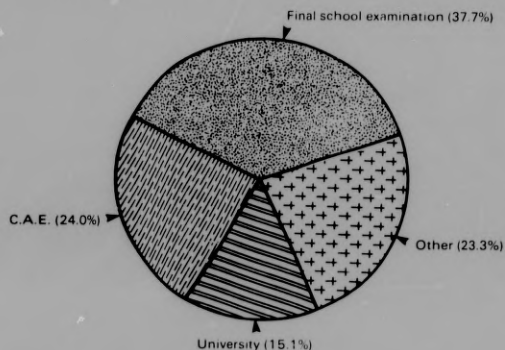
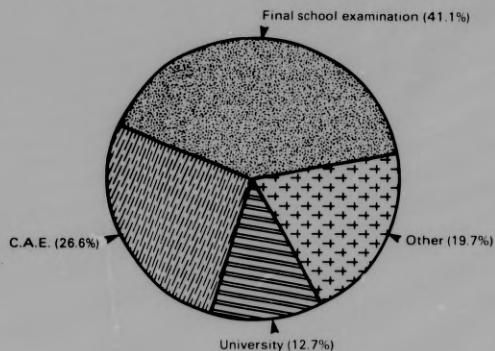
DIAGRAM 3.14 ADVANCED EDUCATION STUDENTS: HIGHEST QUALIFICATION ON COMMENCEMENT, MALES, 1984**DIAGRAM 3.15 ADVANCED EDUCATION STUDENTS: HIGHEST QUALIFICATION ON COMMENCEMENT: FEMALES, 1984**

TABLE 3.20 ADVANCED EDUCATION STUDENTS COMPLETING COURSES: COURSE LEVEL, 1978 TO 1983

Course level and year	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia			
									Males	Females	Persons	
											Number Per cent(a)	
Masters degree												
1978	8	7	5	1	5	6	..	15	37	10	47	0.1
1979	14	17	9	3	8	7	..	18	61	15	76	0.2
1980	9	7	7	6	15	7	..	25	57	19	76	0.2
1981	12	25	7	5	22	2	..	21	73	21	94	0.3
1982	17	21	4	2	38	4	—	35	89	32	121	0.3
1983	49	39	8	44	41	2	—	36	172	47	219	0.6
Graduate diploma												
1978	1,706	2,262	400	378	432	100	..	250	2,712	2,816	5,528	16.6
1979	2,051	2,270	487	401	486	112	..	348	3,039	3,116	6,155	18.1
1980	2,130	2,236	525	461	578	34	..	284	3,048	3,200	6,248	18.3
1981	2,231	2,209	587	528	530	17	..	268	3,014	3,356	6,370	18.8
1982	2,820	2,280	626	613	660	2	15	342	3,501	3,857	7,358	21.1
1983	2,591	2,440	806	634	727	35	16	287	3,716	3,820	7,536	20.9
Bachelor degree												
1978	1,157	3,327	1,176	909	1,280	344	..	570	5,249	3,514	8,763	26.3
1979	1,561	3,720	1,311	1,330	1,660	377	..	562	5,867	4,654	10,521	31.0
1980	2,077	4,219	1,550	1,288	1,800	331	..	610	6,325	5,550	11,875	34.7
1981	2,307	4,728	1,795	1,281	1,862	320	..	607	6,743	6,157	12,900	38.0
1982	2,645	4,937	1,961	1,444	1,959	259	28	631	7,152	6,712	13,864	39.7
1983	3,325	5,470	1,961	1,438	2,053	245	33	601	7,844	7,282	15,126	41.9
Diploma												
1978	5,496	5,581	2,298	1,987	1,543	219	..	104	5,933	11,295	17,228	51.8
1979	4,731	4,991	2,435	1,419	1,389	59	..	100	4,891	10,233	15,124	44.6
1980	4,085	4,665	2,098	1,304	1,256	142	..	64	4,452	9,162	13,614	39.7
1981	3,692	3,989	1,804	1,179	1,127	10	..	57	3,848	8,010	11,858	34.9
1982	2,995	3,333	1,763	1,145	1,012	13	41	149	3,213	7,238	10,451	30.0
1983	2,572	3,163	1,824	1,040	1,078	63	36	94	3,061	6,809	9,870	27.4
Associate diploma												
1978	436	331	408	321	147	5	..	49	823	874	1,697	5.1
1979	534	429	556	308	148	6	..	56	953	1,084	2,037	6.0
1980	733	426	718	354	178	15	..	40	1,178	1,286	2,464	7.2
1981	997	432	769	328	138	12	..	46	1,336	1,386	2,722	8.0
1982	1,119	482	891	374	136	13	11	70	1,650	1,446	3,096	8.9
1983	1,231	465	1,009	405	146	14	22	32	1,781	1,543	3,324	9.2
Total												
1978	8,803	11,508	4,287	3,596	3,407	674	..	988	14,754	18,509	33,263	100.0
1979	8,891	11,427	4,798	3,461	3,691	561	..	1,084	14,811	19,102	33,913	100.0
1980	9,034	11,553	4,898	3,413	3,827	529	..	1,023	15,060	19,217	34,277	100.0
1981	9,239	11,383	4,962	3,321	3,679	361	..	999	15,014	18,930	33,944	100.0
1982	9,596	11,053	5,245	3,578	3,805	291	95	1,227	15,605	19,285	34,890	100.0
1983	9,768	11,577	5,608	3,561	4,045	359	107	1,050	16,574	19,501	36,075	100.0

(a) Students at each course level expressed as a percentage of total students completing courses in a particular year.

TABLE 3.21 ADVANCED EDUCATION STUDENTS COMPLETING COURSES: COURSE LEVEL AND SEX, 1973 TO 1983

Year	Postgraduate(a)		Bachelor degree		Diploma		Associate diploma		Total	
	Number	Per cent of total	Number	Per cent of total	Number	Per cent of total	Number	Per cent of total	Number	Per cent difference on previous year
MALES										
1973	1,262	14.3	1,349	15.2	5,176	58.5	1,061	12.0	8,848	
1974	1,515	15.6	1,933	19.9	5,208	53.7	1,037	10.7	9,693	9.6
1975	1,841	16.1	2,649	23.1	5,960	52.1	996	8.7	11,446	18.1
1976	2,318	17.8	3,394	26.1	6,336	48.8	947	7.3	12,995	13.5
1977	2,606	19.0	4,332	31.7	5,802	42.4	941	6.9	13,681	5.3
1978	2,749	18.6	5,249	35.6	5,933	40.2	823	5.6	14,754	7.8
1979	3,100	20.9	5,867	39.6	4,891	33.0	953	6.4	14,811	0.4
1980	3,105	20.6	6,325	42.0	4,452	29.6	1,178	7.8	15,060	1.7
1981	3,087	20.6	6,743	44.9	3,848	25.6	1,336	8.9	15,014	-0.3
1982	3,590	23.0	7,152	45.8	3,213	20.6	1,650	10.6	15,605	3.9
1983	3,888	23.5	7,844	47.3	3,061	18.5	1,781	10.7	16,574	6.2
FEMALES										
1973	1,344	13.9	347	3.6	7,362	76.0	635	6.6	9,688	
1974	1,536	14.2	631	5.8	7,870	72.8	774	7.2	10,811	11.6
1975	1,990	15.0	917	6.9	9,282	70.2	1,034	7.8	13,223	22.3
1976	2,130	13.4	1,419	8.9	11,578	73.0	732	4.6	15,859	19.9
1977	2,741	15.4	2,332	13.1	12,028	67.5	710	4.0	17,811	12.3
1978	2,826	15.3	3,514	19.0	11,295	61.0	874	4.7	18,509	3.9
1979	3,131	16.4	4,654	24.4	10,233	53.6	1,084	5.7	19,102	3.2
1980	3,219	16.8	5,550	28.9	9,162	47.7	1,286	6.7	19,217	0.6
1981	3,377	17.8	6,157	32.5	8,010	42.3	1,386	7.3	18,930	-1.5
1982	3,889	20.2	6,712	34.8	7,238	37.5	1,446	7.5	19,285	1.9
1983	3,867	19.8	7,282	37.3	6,809	34.9	1,543	7.9	19,501	1.1
PERSONS										
1973	2,606	14.1	1,696	9.1	12,538	67.6	1,696	9.1	18,536	
1974	3,051	14.9	2,564	12.5	13,078	63.8	1,811	8.8	20,504	10.6
1975	3,831	15.5	3,566	14.5	15,242	61.8	2,030	8.2	24,669	20.3
1976	4,448	15.4	4,813	16.7	17,914	62.1	1,679	5.8	28,854	17.0
1977	5,347	17.0	6,664	21.2	17,830	56.6	1,651	5.2	31,492	9.1
1978	5,575	16.8	8,763	26.3	17,228	51.8	1,697	5.1	33,263	5.6
1979	6,231	18.4	10,521	31.0	15,124	44.6	2,037	6.0	33,913	2.0
1980	6,324	18.4	11,875	34.6	13,614	39.7	2,464	7.2	34,277	1.1
1981	6,464	18.8	12,900	38.0	11,858	34.9	2,722	8.0	33,944	-1.0
1982	7,479	21.4	13,864	39.7	10,451	30.0	3,096	8.9	34,890	2.8
1983	7,755	21.5	15,126	41.9	9,870	27.4	3,324	9.2	36,075	3.4

(a) Includes masters degree and graduate diploma.

DIAGRAM 3.16 ADVANCED EDUCATION STUDENTS COMPLETING COURSES: COURSE LEVEL, 1978 TO 1983.

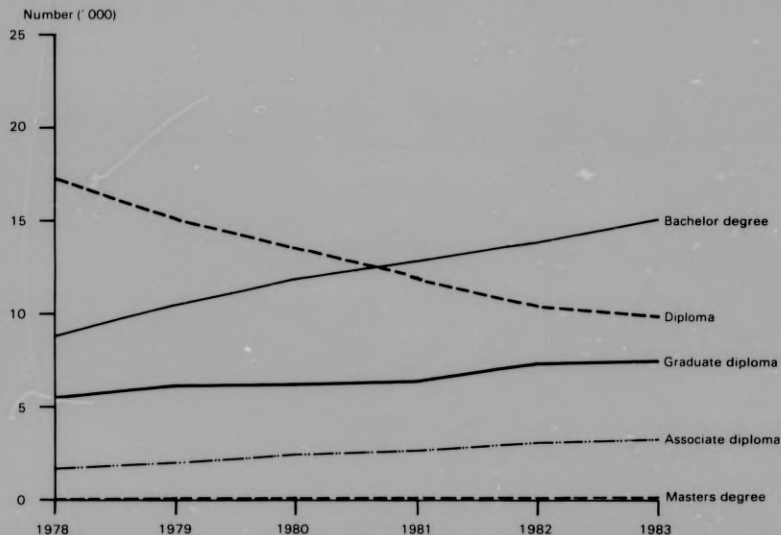


DIAGRAM 3.17 ADVANCED EDUCATION STUDENTS COMPLETING COURSES: COURSE LEVEL, SELECTED YEARS.

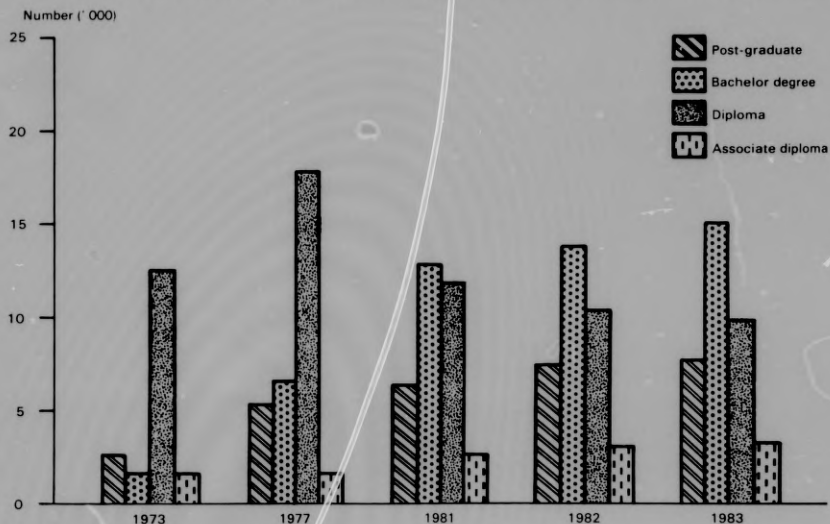


TABLE 3.22 ADVANCED EDUCATION TEACHING STAFF: INSTITUTION GROUP AND DESIGNATION, 1984
(Full-time equivalent units, rounded to whole numbers)

<i>Institution group and designation</i>	<i>N.S.W.</i>	<i>Vic.</i>	<i>Qld</i>	<i>S.A.</i>	<i>W.A.</i>	<i>Tas.</i>	<i>N.T.</i>	<i>A.C.T.</i>	<i>Australia</i>
Colleges of advanced education—									
Above senior lecturer	170	312	58	70	70	12	—	44	735
Senior lecturer	437	770	252	261	223	36	—	88	2,066
Lecturer	1,420	1,817	871	572	694	100	—	191	5,665
Other teaching staff	243	613	145	124	135	13	—	11	1,283
Total	2,270	3,511	1,326	1,027	1,121	160	—	334	9,748
Institutes of advanced education in universities—									
Above senior lecturer	7	—	2	—	—	—	—	—	9
Senior lecturer	17	—	17	—	—	—	—	—	34
Lecturer	61	—	35	—	—	—	—	—	96
Other teaching staff	1	—	5	—	—	—	—	—	6
Total	85	—	58	—	—	—	—	—	143
Technical and further education institutions—									
Above senior lecturer	—	2	—	—	—	—	4	—	7
Senior lecturer	12	7	—	—	—	—	18	14	51
Lecturer	45	20	74	—	—	—	57	30	226
Other teaching staff	25	27	—	—	—	—	1	19	72
Total	82	56	74	—	—	—	81	64	356
Other Commonwealth institutions—									
Above senior lecturer	—	—	—	—	—	8	—	—	8
Senior lecturer	—	—	—	—	—	9	—	—	9
Lecturer	—	—	—	—	—	21	—	—	21
Other teaching staff	—	—	—	—	—	8	—	—	8
Total	—	—	—	—	—	46	—	—	46
Other institutions(a)—									
Above senior lecturer	9	—	—	—	—	—	—	—	9
Senior lecturer	44	4	6	—	—	—	—	1	55
Lecturer	138	3	18	—	—	—	—	18	177
Other teaching staff	55	—	2	—	—	—	—	15	73
Total	247	7	26	—	—	—	—	34	314
Total—									
Above senior lecturer	186	314	59	70	70	20	4	44	767
Senior lecturer	509	781	275	261	223	45	18	103	2,215
Lecturer	1,664	1,840	998	572	694	121	57	239	6,184
Other teaching staff	324	639	151	124	135	21	1	46	1,441
Total	2,684	3,574	1,483	1,027	1,121	206	81	432	10,607

(a) Excludes staff teaching advanced education courses at 6 of the 12 institutions in this category in New South Wales.

TABLE 3.23 ADVANCED EDUCATION TEACHING STAFF: TYPE OF EMPLOYMENT AND DESIGNATION, 1984
(Full-time equivalent units, rounded to whole numbers)

Type of employment and designation	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia		
									Males	Females	Persons
Full-time—											
Above senior lecturer	186	313	59	70	70	20	4	44	695	71	765
Senior lecturer I	330	578	202	125	154	19	17	74	1,333	165	1,498
Senior lecturer II	174	196	73	133	68	26	1	29	600	100	700
Lecturer I	957	1,267	568	275	378	54	50	55	2,846	757	3,604
Lecturer II	301	346	196	79	170	41	—	78	732	479	1,211
Lecturer III	214	68	81	161	91	20	—	30	372	293	665
Other teaching staff	73	321	98	77	28	12	1	26	365	271	636
Total full-time	2,235	3,089	1,277	920	958	191	73	336	6,943	2,136	9,079
Part-time—											
Above senior lecturer	—	2	—	—	—	—	—	—	1	1	2
Senior lecturer I	1	4	1	1	—	—	—	—	4	2	6
Senior lecturer II	5	3	—	2	1	—	—	—	10	1	11
Lecturer I	31	61	12	18	5	—	8	1	79	58	136
Lecturer II	81	77	19	6	22	1	—	70	152	123	275
Lecturer III	80	21	121	33	29	5	—	4	182	111	293
Other teaching staff	251	318	53	48	107	9	—	20	457	348	805
Total part-time	449	485	206	107	163	15	8	95	885	643	1,528
Total—											
Above senior lecturer	186	314	59	70	70	20	4	44	696	72	767
Senior lecturer I	330	582	202	126	154	19	17	74	1,337	168	1,505
Senior lecturer II	179	199	73	135	69	26	1	29	610	100	710
Lecturer I	988	1,328	580	293	383	54	57	56	2,925	815	3,740
Lecturer II	382	423	216	85	191	42	—	148	884	602	1,486
Lecturer III	294	89	202	194	120	25	—	34	554	404	958
Other teaching staff	324	639	151	124	135	21	1	46	822	619	1,441
Total	2,684	3,574	1,483	1,027	1,121	206	81	432	7,828	2,779	10,607

TABLE 3.24 ADVANCED EDUCATION TEACHING STAFF: 1979 TO 1984
(Full-time equivalent units, rounded to whole numbers)

Year	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
1979	2,407	3,706	1,358	1,072	1,078	235	..	318	10,175
1980	2,420	3,646	1,379	1,114	1,126	212	..	342	10,239
1981	2,416	3,628	1,321	1,093	1,097	132	..	307	9,995
1982	2,380	3,521	1,350	1,045	1,094	135	..	304	9,828
1983	2,657	3,527	1,443	1,023	1,105	191	69	414	10,430
1984	2,684	3,574	1,483	1,027	1,121	206	81	432	10,607

Note: Prior to 1983 the statistics relate only to colleges of advanced education except for 1982 where the statistics also include teaching staff engaged at the institutes of advanced education within universities (former CAEs). In 1983 the statistics relate to all staff engaged in the teaching of advanced education courses i.e. includes, in addition to the coverage in 1982, teaching effort of advanced education courses in TAFE institutions and other Commonwealth and non-Commonwealth institutions.

TABLE 3.25 COLLEGES OF ADVANCED EDUCATION NON-TEACHING STAFF: TYPE OF EMPLOYMENT AND ACTIVITY, 1984
(Full-time equivalent units, rounded to whole numbers)

Type of employment and activity	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	A.C.T.	Australia
Full-time—								
Library services	315	449	207	141	172	21	44	1,349
Student services	31	76	21	25	32	2	7	194
Academic services	513	763	392	236	169	32	88	2,193
Administration	1,188	1,332	666	410	700	69	169	4,535
Business undertakings	137	71	73	49	70	—	3	403
Other	392	430	320	162	196	5	89	1,594
Total	2,576	3,122	1,679	1,023	1,340	129	400	10,268
Part-time—								
Library services	30	79	15	21	14	1	12	173
Student services	14	24	2	5	4	—	1	49
Academic services	20	50	16	15	10	—	5	116
Administration	86	126	16	39	63	5	15	349
Business undertakings	33	58	6	10	44	—	—	150
Other	45	72	37	4	30	—	3	190
Total	227	409	92	93	164	6	36	1,027
Total—								
Library services	345	528	222	162	186	22	56	1,522
Student services	45	100	23	30	36	2	8	243
Academic services	533	813	407	251	179	33	93	2,309
Administration	1,274	1,459	682	449	763	74	184	4,884
Business undertakings	170	129	79	59	114	—	3	553
Other	437	502	357	166	226	5	92	1,784
Total	2,803	3,531	1,770	1,116	1,504	135	436	11,296

Note: Statistics of non-teaching staff are only available for colleges of advanced education i.e. the statistics exclude non-teaching staff at other types of institutions that offer advanced education courses.

TABLE 3.26 COLLEGES OF ADVANCED EDUCATION NON-TEACHING STAFF: 1979 TO 1984
(Full-time equivalent units, rounded to whole numbers)

Year	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	A.C.T.	Australia
1979	2,827	3,406	1,683	1,054	1,563	175	468	11,175
1980	2,795	3,541	1,674	1,021	1,522	172	466	11,191
1981	2,704	3,533	1,791	1,071	1,514	112	491	11,215
1982	2,647	3,427	1,677	1,076	1,473	114	456	10,869
1983	2,591	3,407	1,720	1,045	1,516	127	465	10,871
1984	2,803	3,531	1,770	1,116	1,504	135	436	11,296

Note: Statistics of non-teaching staff are only available for colleges of advanced education i.e. the statistics exclude non-teaching staff at other types of institutions that offer advanced education courses.

DIAGRAM 3.18 ADVANCED EDUCATION: TEACHING STAFF, 1984

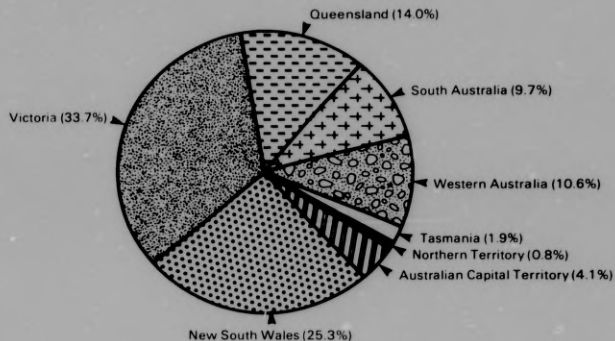
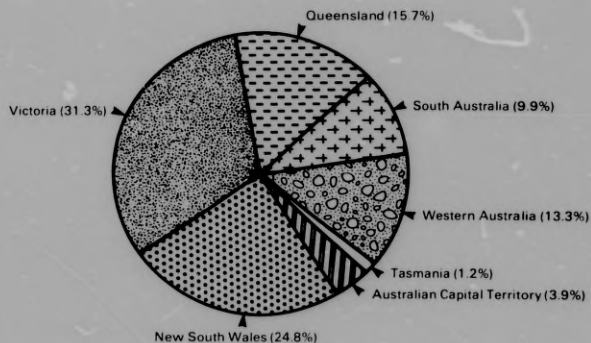


DIAGRAM 3.19 COLLEGES OF ADVANCED EDUCATION: NON-TEACHING STAFF, 1984



SECTION IV

TECHNICAL AND FURTHER EDUCATION (T.A.F.E.) 1981 TO 1983

TECHNICAL AND FURTHER EDUCATION (T.A.F.E.)

The Australian Government established its Technical and Further Education committee as a statutory authority in 1973. In May 1975 a Technical and Further Education Commission was established. The primary aims of the commission were to advise the Government on the development of Technical and Further Education in Australia, and to advise on needs and priorities in the provision of facilities and financial assistance to States for Technical and Further Education.

In 1977 the Technical and Further Education Commission was replaced by the Commonwealth Tertiary Education Commission.

From its position of relative obscurity in the early 1970's T.A.F.E. has established itself as a mainstream sector of Tertiary education in Australia. T.A.F.E. courses provide a wide range of vocational courses for trade and technical occupations, serve as a stepping stone to semi-professional and professional qualifications as well as providing a range of adult education, leisure and general enrichment programs.

Today more than one million persons participate in some form of T.A.F.E. program each year. A significant and growing number, more than 73,000 in 1983 compared to only 23,000 in 1973, attend T.A.F.E. as full-time students. Many others undertake shorter, intensive programs lasting from a few weeks to several months, while large numbers study on a part-time basis.

T.A.F.E. students vary widely in their educational background. Some have only minimal secondary education, some have proceeded to the end of secondary education and some are graduates of higher education institutions.

T.A.F.E. institutions offer courses to young people preparing for initial employment, to the unemployed and retrenched, to tradespersons, technicians, administrators and managers; and to those pursuing interests which may bear little or no relation to their chosen vocation. T.A.F.E. is representative of the social and economic structure of Australian society more than any other tertiary education sector.

In 1983 there were 793,470 students enrolled in vocational and preparatory courses (streams 1-5) and 369,651 students enrolled in adult education courses (stream 6) (table 4.1).

Male students comprised 56.6 per cent and females 43.4 per cent of enrolments in streams 1-5, while females comprised 71.9 per cent and males 28.1 per cent of enrolments in stream 6.

The age distribution of students enrolled in T.A.F.E. courses varies between streams 1-5 and stream 6. In streams 1-5 the majority of students (32 per cent) are in the 19 years and under age group, 19.3 per cent are in the 20-24 year age group followed by 16.7 per cent in the 30-39 year age group and 11.7 per cent in the 25-29 year age group (table 4.3).

In stream 6, 19.7 per cent of students are in the 30-39 year age group, 12.8 in the 40-49 age group, 12.9 per cent in the 50-64 age group and 12.2 in both the 20-24 and 25-29 year age groups (table 4.4).

Note:

T.A.F.E. statistics in this publication relate only to the years 1981, 1982, and 1983 as the introduction of a new collection of student statistics in 1981 meant a break in comparability with earlier years. The major difference between the two collections is that the emphasis is now on the individual student as the reporting unit and not enrolments. This means that a student is counted once only within an institution even though that student may record a number of valid and separate enrolments during the year.

DIAGRAM 4.1 TECHNICAL AND FURTHER EDUCATION STUDENTS (STREAMS 1-5): MALES, STATES AND TERRITORIES, 1983

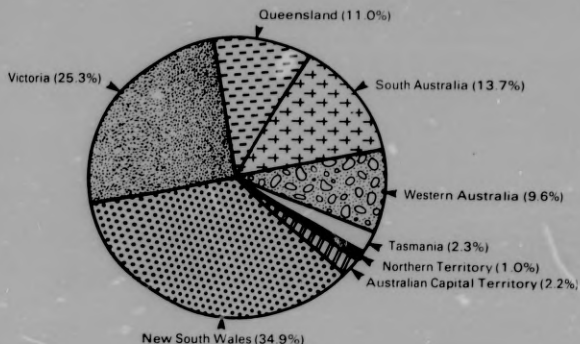


DIAGRAM 4.2 TECHNICAL AND FURTHER EDUCATION STUDENTS (STREAMS 1-5): FEMALES, STATES AND TERRITORIES, 1983

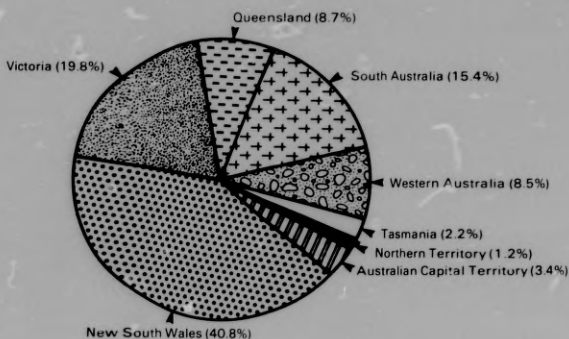


DIAGRAM 4.3 TECHNICAL AND FURTHER EDUCATION STUDENTS (STREAM 6): MALES, STATES AND TERRITORIES, 1983

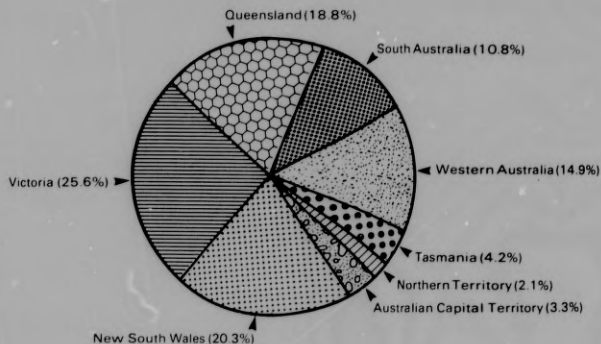


DIAGRAM 4.4 TECHNICAL AND FURTHER EDUCATION STUDENTS (STREAM 6): FEMALES, STATES AND TERRITORIES, 1983

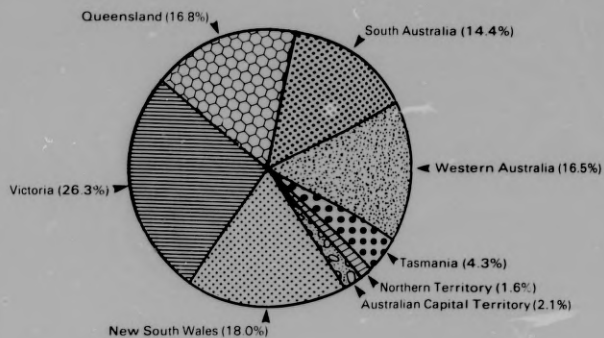


TABLE 4.1 TECHNICAL AND FURTHER EDUCATION STUDENTS: STREAM OF STUDY, 1983

Stream of study	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia		
									1981	1982	1983

(a) The sum of the stream of study components does not add to the total as students enrolled in two or more streams have only been counted once in the total. (b) Students in each of the streams of study 1 to 5 as a percentage of the total number of students in streams 1 to 5.

Note: The collection methodology precludes the net number of students in Streams 1 to 5 being added to the net number of students in Stream 6. The resultant figure would contain multiple counting to the extent that students undertaking programs in Streams 1 to 5 may also be enrolled in Stream 6 programs during the reference year.

TABLE 4.2 TECHNICAL AND FURTHER EDUCATION STUDENTS (STREAMS 1 TO 5): MODE OF ATTENDANCE, 1981 TO 1983

Mode of attendance and year	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia		
									Males	Females	Persons
Number											
Internal—											
1981(a)	248,974	148,264	51,312	84,630	57,697	16,374	6,176	18,202	380,234	247,984	631,629
1982(b)	260,473	163,288	54,877	91,170	58,172	15,973	8,091	20,098	392,893	279,249	672,142
1983	273,337	168,195	69,266	105,873	59,891	16,549	8,346	21,675	407,671	315,461	723,132
External—											
1981(a)	16,462	7,108	9,264	6,819	9,306	1,321	216	—	30,530	19,800	50,496
1982(b)	14,762	7,964	9,291	7,202	5,121	1,109	372	—	27,093	18,728	45,821
1983	19,575	9,677	9,935	6,301	9,733	1,215	120	—	33,489	23,067	56,556
Multi-modal—											
1981	3,542	2,979	—	1,830	1,538	—	—	—	6,292	3,597	9,889
1982	3,207	3,830	—	1,849	2,320	122	—	—	7,060	4,268	11,328
1983	4,292	4,142	—	2,439	2,788	121	—	—	7,600	6,182	13,782
Total—											
1981(a)	268,978	158,351	60,576	93,279	68,541	17,695	6,392	18,202	417,056	271,381	692,014
1982	278,442	175,082	64,168	100,221	65,613	17,204	8,463	20,098	427,046	302,245	729,291
1983	297,204	182,014	79,201	114,613	72,412	17,885	8,466	21,675	448,760	344,710	793,470
Per cent											
Internal—											
1981(a)	39.4	23.5	8.1	13.4	9.1	2.6	1.0	2.9	60.2	39.3	100.0
1982(b)	38.8	24.3	8.2	13.6	8.7	2.4	1.2	3.0	58.5	41.5	100.0
1983	37.8	23.3	9.6	14.6	8.3	2.3	1.2	3.0	56.4	43.6	100.0
External—											
1981(a)	32.6	14.1	18.3	13.5	18.4	2.6	0.4	—	60.5	39.2	100.0
1982(b)	32.2	17.4	20.3	15.7	11.2	2.4	0.8	—	59.1	40.9	100.0
1983	34.6	17.1	17.6	11.1	17.2	2.1	0.2	—	59.2	40.8	100.0
Multi-modal—											
1981	35.8	30.1	—	18.5	15.6	—	—	—	63.6	36.4	100.0
1982	28.3	33.8	—	16.3	20.5	1.1	—	—	62.3	37.7	100.0
1983	31.1	30.1	—	17.7	20.2	0.9	—	—	55.1	44.9	100.0
Total—											
1981(a)	38.9	22.9	8.8	13.5	9.9	2.6	0.9	2.6	60.3	39.2	100.0
1982	38.2	24.0	8.8	13.7	9.0	2.4	1.2	2.8	58.6	41.4	100.0
1983	37.5	22.9	10.0	14.4	9.1	2.3	1.1	2.7	56.6	43.4	100.0

(a) Males and females do not add to total persons as the sex of some students was not reported. (b) Approximately 700 internal students were incorrectly reported as external students but they cannot be separately identified.

DIAGRAM 4.5 TECHNICAL AND FURTHER EDUCATION STUDENTS: STREAM OF STUDY, SEX AND AGE, 1983

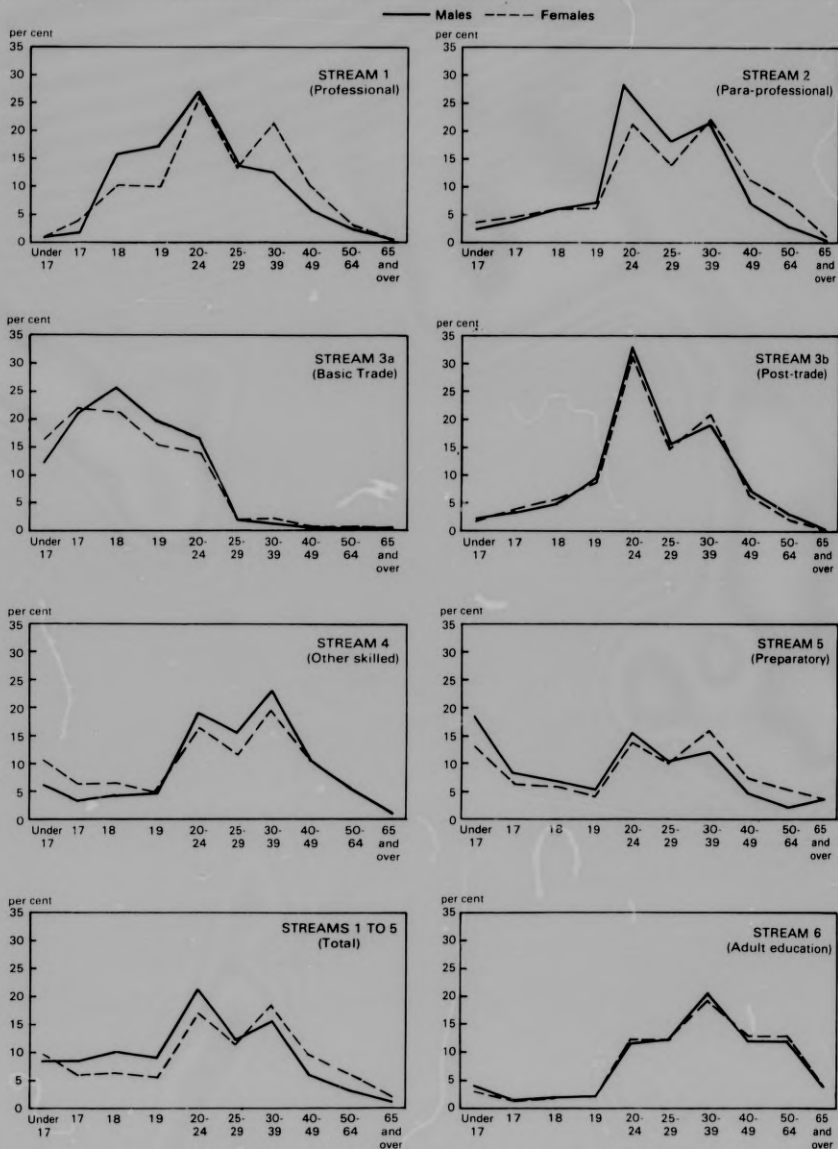


DIAGRAM 4.6 TECHNICAL AND FURTHER EDUCATION STUDENTS (STREAMS1-5): AGE, MALES, 1983

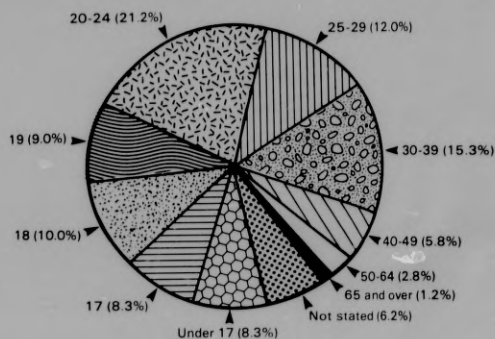


DIAGRAM 4.7 TECHNICAL AND FURTHER EDUCATION STUDENTS (STREAMS1-5): AGE, FEMALES, 1983

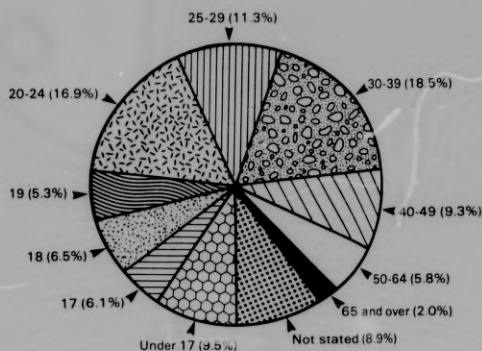


DIAGRAM 4.8 TECHNICAL AND FURTHER EDUCATION STUDENTS (STREAM 6): AGE, MALES, 1983

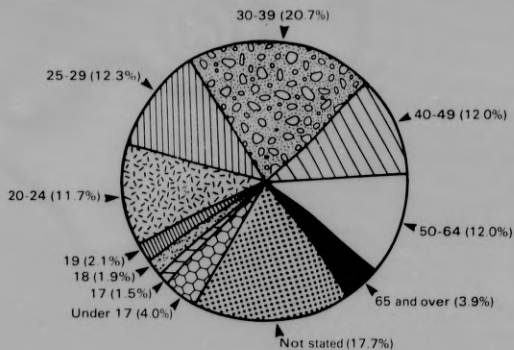


DIAGRAM 4.9 TECHNICAL AND FURTHER EDUCATION STUDENTS (STREAM 6): AGE, FEMALES, 1983

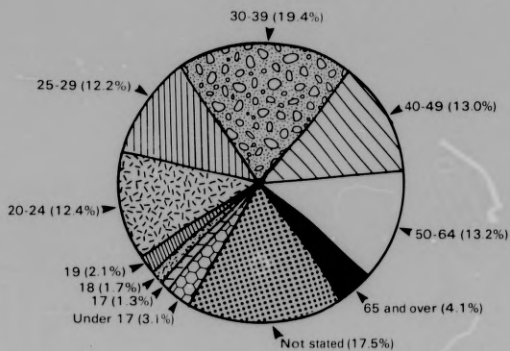


TABLE 4.3 TECHNICAL AND FURTHER EDUCATION STUDENTS (STREAMS 1 TO 5): MODE OF ATTENDANCE, SEX AND AGE, 1982 AND 1983

Age group (years)	Mode of attendance								
	Internal		External		Multi-modal		Total		
	Males	Females	Males	Females	Males	Females	Males	Females	Persons
1982									
Under 17	41,731	32,224	732	1,043	351	219	42,814	33,486	76,300
17	39,345	18,412	635	963	412	306	40,392	19,681	60,073
18	45,168	19,111	873	1,211	508	430	46,549	20,752	67,301
19	37,313	15,080	938	1,110	543	325	38,794	16,515	55,309
20-24	79,984	44,636	5,787	4,160	1,731	988	87,502	49,784	137,286
25-29	41,733	30,261	5,847	3,108	1,260	614	48,840	33,983	82,823
30-39	49,881	46,954	7,426	4,041	1,531	844	58,838	51,839	110,677
40-49	18,860	23,860	2,575	1,496	477	335	21,912	25,691	47,603
50-64	9,576	16,334	1,090	742	145	120	10,811	17,196	28,007
65 and over	5,062	7,984	194	158	14	14	5,270	8,156	13,426
Not stated	24,240	24,393	996	696	88	73	25,324	25,162	50,486
Total	392,893	279,249	27,093	18,728	7,060	4,268	427,046	302,245	729,291
1983									
Under 17	36,342	31,371	818	1,000	256	214	37,416	32,585	70,001
17	35,838	19,334	919	1,165	369	371	37,126	20,870	57,996
18	43,408	20,308	1,182	1,555	493	423	45,083	22,286	67,369
19	38,529	16,436	1,387	1,417	503	390	40,419	18,243	58,662
20-24	85,691	51,536	7,562	5,547	1,694	1,115	94,947	58,198	153,145
25-29	45,081	34,335	7,418	3,895	1,193	707	53,692	38,937	92,629
30-39	57,252	57,123	9,675	5,404	1,549	1,072	68,476	63,899	132,375
40-49	22,452	29,732	2,833	1,776	935	648	26,220	32,156	58,376
50-64	10,886	18,772	1,177	873	343	270	12,406	19,915	32,321
65 and over	4,999	6,711	207	180	52	41	5,258	6,932	12,190
Not stated	27,193	29,503	311	255	213	931	27,717	30,689	58,406
Total	407,671	315,461	33,489	23,067	7,600	6,182	448,760	344,710	793,470

TABLE 4.4 TECHNICAL AND FURTHER EDUCATION STUDENTS (STREAM 6): MODE OF ATTENDANCE, SEX AND AGE, 1983

Age group (years)	Mode of attendance								
	Internal		External		Multi-modal		Total		
	Males	Females	Males	Females	Males	Females	Males	Females	Persons
Under 17	4,069	8,055	75	65	1	1	4,145	8,121	12,266
17	1,553	3,524	28	41	2	3	1,583	3,568	5,151
18	1,950	4,562	22	45	—	2	1,972	4,609	6,581
19	2,194	5,451	32	42	—	3	2,226	5,496	7,722
20-24	12,075	32,865	93	210	5	12	12,173	33,087	45,260
25-29	12,643	31,879	114	481	5	20	12,762	32,380	45,142
30-39	21,240	48,834	211	2,582	7	119	21,458	51,535	72,993
40-49	12,250	32,423	254	2,120	3	85	12,507	34,628	47,135
50-64	12,342	33,565	154	1,407	3	123	12,499	35,095	47,594
65 and over	3,978	10,342	82	562	4	35	4,064	10,939	15,003
Not stated	18,226	45,612	177	750	5	34	18,408	46,396	64,804
Total	102,520	257,112	1,242	8,305	35	437	103,797	265,854	369,651

TABLE 4.5 TECHNICAL AND FURTHER EDUCATION STUDENTS (STREAMS 1 TO 5): SEX, MODE OF ATTENDANCE AND ANNUAL STUDENT CONTACT HOURS, 1982 AND 1983

Mode of attendance and student contact hours	Number						Per cent(a)					
	Males		Females		Persons		Males		Females		Persons	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
Internal(b)—												
Less than 540 contact hours	362,805	370,730	250,195	282,742	613,000	653,472	59.2	56.7	40.8	43.3	100.0	100.0
540 or more contact hours	30,088	36,941	29,054	32,719	59,142	69,660	50.9	53.0	49.1	47.0	100.0	100.0
Total internal	392,893	407,671	279,249	315,461	672,142	723,132	58.5	56.4	41.5	43.6	100.0	100.0
External(b)—												
Less than 540 contact hours	26,778	32,824	18,534	22,658	45,312	55,482	59.1	59.2	40.9	40.8	100.0	100.0
540 or more contact hours	315	665	194	409	509	1,074	61.9	61.9	38.1	38.1	100.0	100.0
Total external	27,093	33,489	18,728	23,067	45,821	56,556	59.1	59.2	40.9	40.8	100.0	100.0
Multi-modal—												
Less than 540 contact hours	6,045	5,920	3,264	4,703	9,309	10,623	64.9	55.7	35.1	44.3	100.0	100.0
540 or more contact hours	1,015	1,680	1,004	1,479	2,019	3,159	50.3	53.2	49.7	46.8	100.0	100.0
Total multi-modal	7,060	7,600	4,268	6,182	11,328	13,782	62.3	55.1	37.7	44.9	100.0	100.0
Total—												
Less than 540 contact hours	395,628	409,474	271,993	310,103	667,621	719,577	59.3	56.9	40.7	43.1	100.0	100.0
540 or more contact hours	31,418	39,286	30,252	34,607	61,670	73,893	50.9	53.2	49.1	46.8	100.0	100.0
Total	427,046	448,760	302,245	344,710	729,291	793,470	58.6	56.6	41.4	43.4	100.0	100.0

(a) Males and females expressed as a percentage of persons. (b) Approximately 700 internal students in 1982 were incorrectly reported as external students but they cannot be separately identified.

DIAGRAM 4.10 TECHNICAL AND FURTHER EDUCATION: TEACHING STAFF: STATES AND TERRITORIES, 1983

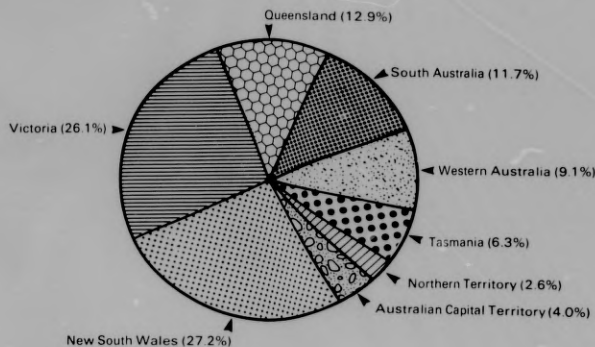


TABLE 4.6 TECHNICAL AND FURTHER EDUCATION ANNUAL TEACHING EFFORT: TYPE OF EMPLOYMENT AND STREAM OF TEACHING, 1981 TO 1983

Stream	Full-time			Part-time			Total		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Number ('000 hours)									
Professional	67.0	40.2	45.5	31.6	26.3	20.7	98.6	66.5	66.2
Para-professional	1,917.3	2,048.9	2,212.2	919.3	1,056.4	1,054.1	2,836.6	3,105.4	3,266.3
Trades	3,590.1	3,718.1	3,709.9	510.0	532.8	530.1	4,100.1	4,250.9	4,240.0
Other skilled	1,152.5	1,242.2	1,298.5	634.9	727.9	853.3	1,787.4	1,970.1	2,151.8
Preparatory	1,069.6	1,082.9	1,177.0	714.7	827.2	934.1	1,784.3	1,910.1	2,111.1
Adult education	165.1	161.6	130.1	708.8	694.5	569.1	874.0	856.0	699.2
Total	7,961.7	8,293.9	8,573.2	3,519.3	3,865.1	3,961.3	11,481.0	12,159.0	12,534.5
Per cent									
Professional	0.8	0.5	0.5	0.9	0.7	0.5	0.9	0.5	0.5
Para-professional	24.1	24.7	25.8	26.1	27.3	26.6	24.7	25.5	26.1
Trades	45.1	44.8	43.3	14.5	13.8	13.4	35.7	35.0	33.8
Other skilled	14.5	15.0	15.1	18.0	18.8	21.5	15.6	16.2	17.2
Preparatory	13.4	13.1	13.7	20.3	21.4	23.6	15.5	15.7	16.8
Adult education	2.1	1.9	1.5	20.1	18.0	14.4	7.6	7.0	5.6
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 4.7 TECHNICAL AND FURTHER EDUCATION TEACHING STAFF: TYPE OF EMPLOYMENT AND ACTIVITY, 1982 AND 1983

Type of employment and activity	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
1982									
Full-time—									
TAFE only	4,912	4,108	1,654	1,414	1,339	496	189	361	14,473
Multi-sector	145	1,341	139	17	10	3	25	35	1,715
Total full-time	5,057	5,449	1,793	1,431	1,349	499	214	396	16,188
Part-time	9,031	6,656	2,172	3,283	3,186	2,238	660	1,332	28,588
Total	14,118	12,105	3,965	4,714	4,535	2,737	874	1,728	44,776
1983									
Full-time—									
TAFE only	4,609	3,919	1,413	1,562	1,281	488	163	298	13,733
Multi-sector	137	1,576	140	18	1	2	28	33	1,935
Total full-time	4,746	5,495	1,553	1,580	1,282	490	191	331	15,668
Part-time	6,954	6,460	3,436	3,528	3,353	1,506	612	1,039	26,888
Total	11,700	11,955	4,989	5,108	4,635	1,996	803	1,370	42,556

TECHNICAL NOTES

Universities

General

The university statistics included in this publication relate to total students enrolled, students commencing and completing courses and staff engaged at Australian universities. Excluded from the statistics are students and staff in the institutes of advanced education within the University of Wollongong in New South Wales and the James Cook University of North Queensland. Details relating to the institutes are included in the statistics for the advanced education sector.

2. The statistics are derived from details provided to the Commonwealth Tertiary Education Commission by all universities and branches in Australia. The names of the universities can be found in Table 2.1 of this publication.

Reference dates

3. The reference date for students and staff is 30 April, except for:
 - students who completed courses for whom the reference period is the year ended 30 June.
 - part-time staff are estimated in full-time equivalent units as at 30 April for a whole year.

Definitions

STUDENTS

4. *Students* are persons whose enrolment for a university course or courses was current at 30 April. An enrolment is *current* only if the person is entitled to receive tuition in that course or subject at that date. *Students enrolled in more than one course have been allocated to the course which represents the greater student load.*
5. A *commencing student* is one who enrolls at a university in a course for which the student has not previously been enrolled at that particular university.
6. Students who have completed a pass course and enrol for a separate honours course in the same subject/field as the pass course at the same university are not regarded as commencing. Students enrolling in single subjects or units are commencing students when they enrol in a single subject or unit for the first time at a particular university.

Age of students

7. The *age of students* shown for students enrolled refers to the age (in completed years) at 31 December of the previous year.

Courses and course levels

8. *Courses* are programs of study which lead to a degree or diploma, or a subject or subjects which are constituent components of a course leading to a degree or diploma. Courses are classified into the following levels:

Higher degree—

- Doctorate (other than Ph.D.)
- Ph.D. (Doctor of Philosophy)

Masters—

- Research
- Course work

Bachelor degree—

- Bachelor — Pass
- Bachelor — Honours
- Post-graduate Bachelor

Non-degree—

- Masters preliminary or qualifying
- Post-graduate diploma
- Other (comprising certificate, sub-graduate diploma and single subject/unit)

Type of enrolment (attendance)

9. Students are enrolled in a course or attend a university as either internal or external students. An *internal student* is one who attends a university on a regular basis for lectures, tutorials or contact with a supervisor during the academic year. A higher degree student whose course requires absence from the institution for lengthy periods, e.g. a geologist undertaking field work, should normally be classified as internal. An *external student* is a student for whom a university makes special arrangements whereby the student need not attend the university for lectures, tutorials or other regular contact in order to complete a course of study.

10. Students are further classified as being enrolled as either *full-time* or *part-time students*. *Full-time students* are:

- (a) higher degree students who attend a university full-time during the day for the purpose of study, without any other regular occupation during that time;
- (b) students, other than higher degree students, who undertake at least seventy-five per cent of the amount of work prescribed by a university as a year's work, or, where a year's work is not prescribed, at least seventy-five per cent of work customarily undertaken by a full-time student.

11. *Part-time students* are those students who are not classified as full-time. Included as part-time are *academic staff students*. Academic staff students are full-time members of the academic staff of a university who are enrolled in a course at that particular university.

12. Prior to 1983, the small number of full-time external students were generally included with full-time internal students in ABS publications under the category, *full-time*. In this publication they continue to be included with full-time internal students for those years. However, from 1983 full-time external students are included with part-time external students under the category, *external*.

Field of study

13. Students enrolled have been classified into fourteen broad fields of study. These fields are:

- Humanities** (including English, history, divinity, arts)
- Fine arts** (including music, drama)
- Social and behavioural sciences** (including geography, psychology, social work)
- Law** (including criminology)
- Education** (including education/arts)
- Economics, commerce, government** (including politics, administration, accounting)
- Medicine** (including occupational therapy, psychiatry, pharmacy)
- Dentistry** (including oral surgery, prosthetic dentistry)
- Natural sciences** (including mathematics, statistics, computer science, physiology, genetics)
- Engineering, technology** (including surveying, metallurgy, mining, biological technology)
- Architecture, building** (including town and regional planning)
- Agriculture, forestry** (including agronomy, soil science)
- Veterinary science** (including veterinary anatomy, veterinary clinical studies)
- Other or not stated** (including general studies and courses not elsewhere classified)

Course completions

14. *Students completing courses*. These are students who completed all academic requirements for admission to a degree or post-graduate diploma in a year ended 30 June. Course completions differ from degrees conferred and diplomas awarded in that degrees conferred, etc., are the actual number of awards given in the twelve months ended 30 June and not necessarily the total number of students completing all academic requirements in that period.

STAFF

15. *Staff* are those persons engaged in activities directly related to the performance of university functions. They may be either on a university payroll, or wholly or partly paid by other bodies.

Included are:

- (a) persons absent on paid leave including study leave;
- (b) visiting or exchange staff and persons occupying temporary positions;
- (c) conjoint appointees;
- (d) seconded lecturers;
- (e) master teachers;
- (f) part-time staff engaged in clinical instruction;
- (g) staff working in independent operations

Excluded are:

- (a) persons absent on unpaid leave;
- (b) contract workers such as cleaners, caterers and builders.

16. *Type of employment* for the purposes of this publication refers to the full-time or part-time employment status of staff. Staff appointed to *full-time* positions may be recruited to work either a full day or a part of a day and this is expressed in their appointment. Such staff are included in the statistics as full-time with those working less than a full day being expressed as a percentage of a full-time equivalent unit.

Part-time staff are those who are not engaged in full-time positions. The statistics of part-time staff are 30 April estimates, in full-time equivalent units, of part-time staff engaged or to be engaged for the current year ending 31 December. The estimates are converted to full-time equivalent units on the following basis:

Part-time lecturing—250 hours per annum

Part-time tutoring/demonstrating—700 hours per annum

All other staff—35 hours per week

17. Staff are classified according to whether they are academic staff or general staff. *Academic staff* are those staff engaged in teaching-and-research and research only.

18. *Teaching-and-research staff* are staff primarily concerned with the teaching functions of a university. They may also be doing research work. Staff, such as those of the Conservatoria of Music, are included if their qualifications and the nature of their work are considered by the university to be equivalent to those of other teaching staff. Statistics of part-time teaching staff include an unknown number of 'master teachers'. Master teachers are school teachers who supervise university students undertaking practical teacher training.

19. *Research only staff* are staff primarily appointed to carry out research work, but they may give incidental teaching to students. *Senior research staff* include professors, associate professors and readers, senior lecturers and lecturers. *Junior research staff* are those with salaries below that of lecturer/demonstrator or tutor/demonstrator, and include non-administrative research assistants and graduate assistants.

20. *General staff* are staff who provide technical, administrative, library and other university services.

Advanced education

General

21. The advanced education statistics in this publication relate to total students enrolled and students commencing and completing advanced education courses. Also included are statistics on staff engaged in the teaching of advanced education courses and other staff whose activities are directly related to advanced education.

22. The statistics are derived from the annual advanced education statistical collection conducted by the Commonwealth Tertiary Education Commission.

23. The reference date for students and staff is 30 April, except for:

- students who completed courses for whom the reference period is the year ended 31 December.
- part-time staff are estimated in full-time equivalent units as at 30 April for a whole year.

Scope and Coverage

24. The scope and coverage of advanced education statistics published by the ABS have been extended. The statistics in this publication from 1983 relate to advanced education courses conducted within institutes of advanced education in universities (former CAEs), TAFE institutions and other Commonwealth or non-Commonwealth institutions as well as colleges of advanced education (CAEs); the statistics for the years prior to 1983 relate to advanced education conducted in CAEs, and for 1982, former CAEs that were incorporated into universities — see also paragraphs 3 and 4 of the Explanatory Notes.

Definitions

STUDENTS

25. *Student* — A student is a person who is currently enrolled in an advanced education course leading to a degree or diploma, or for one or more subjects which are constituent components of an advanced education course leading to a degree or diploma, and who has paid all compulsory fees by the reference date (30 April). Students enrolled in more than one course have been allocated to the course which represents the greater student load.

26. *Commencing student* — A commencing student is a student who is enrolling for the first time in a given advanced education course at a given institution.

27. *Students commencing tertiary education for the first time* are students who gained their advanced education course entry qualifications in Australia and who have not previously been enrolled in a higher education course at a university, college of advanced education or teachers college.

28. *Miscellaneous student* — A miscellaneous student is a student who is enrolled in a part of an advanced education course, including single subjects, and who is not proceeding to an award of the institution. Miscellaneous students are only classified as commencing students when enrolling as miscellaneous students for the first time at that institution.

Age of students

29. The age of students shown for students enrolled refers to the age (in completed years) at 31 December of the previous year.

Courses and course levels

30. An *advanced education course* — An advanced education course is as defined in States grants legislation. Included are courses of study that are accredited or provisionally accredited by the responsible authority for the State and all courses which are registered with or registrable by the Australian Council on Awards in Advanced Education. Courses which are not covered by the above definition, but which were previously approved for funding by the Commonwealth Tertiary Education Commission prior to 1 January 1980, are also classified as advanced education courses.

Courses are classified to the following levels:

PG2	Masters Degree
PG1	Graduate Diploma
UG1	Bachelor Degree
UG2	Diploma
UG3	Associate Diploma
	Miscellaneous

Type of enrolment

31. Students are enrolled in a course as either *internal* or *external* students and classified as either *full-time* or *part-time*.

32. *Internal full-time students* are those attending a college on a regular basis and undertaking at least 75 per cent of the amount of work prescribed by a college as a year's work, either in the form of one full-time course or a combination of two or more part-time courses. Students enrolled full-time in 'sandwich' courses (i.e. courses in which the period of study during the academic year is broken by a period of employment which forms an integral part of the course) are included as full-time; those enrolled part-time in 'sandwich' courses are included as internal part-time students.

33. *Internal part-time students* are all students not classified as full-time or external, undertaking less than 75 per cent of the amount of work prescribed by the college as a year's work.

34. *External students* are those students for whom a college has special arrangements whereby they need not attend the college regularly for lectures, tutorials or supervisor contact. An external student may be engaged in a full-time course or a part-time course.

Field of study

35. Courses have been classified to ten broad fields of study according to the vocational emphasis of the course and is the classification used by the Commonwealth Tertiary Education Commission (CTEC). The ABS prior to 1983 classified courses to fields of study on the basis of course content but this classification is no longer available. The CTEC fields of study used in this publication are as follows:

Agriculture, forestry
Applied science
Visual and performing arts
Architecture, building
Commercial and business studies
Engineering
Social sciences
Humanities
Paramedical studies
Education

Course completions

36. *Students who completed courses* are students who completed all academic requirements for admission to a degree or diploma of an institution during the year ended 31 December.

STAFF

37. *Staff* are persons who are engaged on activities directly related to the performance of an institution's functions, are on the institution's payroll at the reference date (30 April) or paid or partly paid by other bodies at that date. Staff may be engaged on either a full-time or a part-time basis.

38. *Full-time staff effort* is the number of full-time staff as at 30 April expressed in full-time equivalent units. Estimates of *part-time staff effort* are made at 30 April by each institution. The estimate is the total number of hours expected to be worked by part-time staff during the whole year expressed in full-time equivalent units. Estimates of *total staff effort* are the sum of the full-time staff effort and the estimated part-time staff effort.

Staff activity

39. Staff are classified as *teaching staff* or *general staff*. General staff are all staff other than teaching staff. Staff are further classified by activity, as follows:

Teaching — activities directly related to teaching advanced education courses (includes teaching material preparation by teaching staff, lecturing, tutoring, other direct supervision of students, and marking of assignments, and examinations).

Library services — work in central and branch libraries.

Student services — activities directed towards the welfare of students (includes counselling, employment, health and housing services).

Academic services — sections of the institution which provide direct support for teaching activities (includes educational research and development, and computer and audio-visual services).

Administration — central and branch administrative centres and departmental administration.

Business undertakings — activities such as student unions, bookshops, staff clubs, housing schemes, child-minding centres, research companies and student residences controlled by the institution.

Other — activities other than those listed above, e.g. farms, stores, motor pools, maintenance, cleaning.

Technical and further education

General

40. The TAFE statistics in this publication were extracted from the Commonwealth Tertiary Education Commission's publication, *Selected TAFE Statistics*. Student and staff data relate to the calendar year.

41. In 1981, the TAFE Annual Statistical Collection incorporated a new collection of student statistics for TAFE to replace the former collection which had operated since 1974. The two collections are not comparable as a key feature of the new collection methodology is its emphasis on the individual student as the unit of reporting rather than on enrolment as previously; at every level of the collection (e.g. stream, authority), any individual student is counted *once only* even though that student may record a number of valid and separate enrolments at that level during the year.

42. The total of the net number of students within each of the Streams 1 to 5 will not necessarily equal the net number of students reported within Streams 1 to 5 in aggregate because students enrolled in two or more streams will be counted once only in the latter statistic. The collection methodology also precludes the net number of students in Streams 1 to 5 being added to the net number of students in Stream 6 to derive the net number of students enrolled in all TAFE programs as the resultant figure will contain multiple counting to the extent that some students undertaking a program in Streams 1 to 5 are also enrolled in a Stream 6 program during the reference year.

Definitions

STUDENTS

43. *Students* are persons who have completed all necessary enrolment procedures for a TAFE program and who have:

- (i) paid, or been exempted from payment of, any compulsory fees associated with the program of enrolment; and
- (ii) attended at least one class or, in the case of external students, returned at least one assignment for marking during the reference period in one or more units of the program.

Mode of attendance

44. *Internal students* — students are classified as *internal* if all units of study for which they are enrolled at a given level involve attendance at classes on a regular basis.

45. *External students* — students are classified as *external* if all units of study for which they are enrolled at a given level involve special arrangements whereby program lesson materials, assignments, etc. are mailed to the student and any associated class attendance is of an incidental, irregular, special or voluntary nature.

46. *Multi-modal students* — students are classified as *multi-modal* if at least one unit of study at a given level is attended on an internal basis (as defined above) and at least one unit of study is undertaken on an external basis (as defined above).

Student contact hours

47. The annual student contact hours for each program of study undertaken by a student is the number of hours of prescribed class attendance within the reference year in all supervised elements of the program (e.g. lectures, laboratory sessions, workshop sessions, tutorials, field work) in the case of programs taken on an internal basis and the equivalent thereof in the case of programs taken on an external basis. If a program of study is offered only on an external basis then the annual student contact hours are estimated on the basis of similar courses/programs conducted by the authority on an internal basis.

48. Students are classified as having annual student contact hours of either "less than 540" or "540 or more" at a given level. This break-up is intended to provide a guide to the number of students who are involved in TAFE on a part-time basis and a full-time basis at each level. It should be noted, however, that it is possible for a student to be enrolled in several programs, all on a part-time basis, at a given level which involve, in total, 540 or more contact hours.

Age

49. The age of a student is expressed in completed years as at 30 June of the reference year.

Stream of study

50. The classification of a course or program of study according to its major vocational orientation. Categories are as follows:

Stream 1 — Professional

Courses/programs which lead to professional status (including teacher education) or which enable professionals to update their technology or to specialise.

Stream 2 — Para-professional

Courses/programs provided for those preparing to enter or progress within middle-level or technician occupations. Includes a wide range of 'certificate' and some 'special' courses/programs which are similar in complexity and purpose. Includes also short courses/programs designed to enable para-professionals to update their technology or to specialise.

Stream 3a — Basic Trade

Apprenticeship, pre-apprenticeship and pre-employment courses/programs in apprenticeable trades.

Stream 3b — Post-trade

Post-trade and other courses/programs for advanced skills of a non-technician nature.

Stream 4 — Other Skilled

All other skilled trade and vocational courses/programs relevant to basic principles, skills or knowledge but which are not included in Stream 3. Includes short training courses/programs in additional on-the-job skills.

Stream 5 — Preparatory

All courses/programs which can be broadly described as preparatory (matriculation and diploma entrance), remedial (mathematics, English for migrants, etc.), and courses/programs with vocational orientation not classified elsewhere.

Stream 6 — Adult Education

All courses/programs in home handicrafts, hobbies, self-expression and cultural appreciation.

STAFF

51. *Teaching staff* — staff whose duties include any formal class teaching irrespective of how small a proportion this represents of total duties. Included are principal officers and other institution staff whose duties involve the direct supervision of teaching staff.

Full-time — staff at 30 June who are engaged by an institution or authority on a full-time basis.

TAFE only — staff whose duties are confined to TAFE activities.

Multi-sector — staff whose duties extend to educational sectors other than TAFE (e.g. teaching of advanced education courses or courses for secondary school students).

Part-time — staff who are engaged by an authority or institution on a part-time basis during the teaching year. Part-time staff data provided in this publication represent the total number of part-time staff employed accumulated over the teaching year and hence some part-time staff employed more than once during the teaching year are counted more than once. Full-time teaching staff who undertake duties in excess of normal duties are not included.

52. *Teaching effort*

Full-time — actual teaching hours performed as part of the normal duties of full-time teachers over the teaching year.

Part-time — actual teaching hours performed by part-time teachers over the teaching year. Includes teaching hours performed in excess of normal hours by full-time teaching staff.