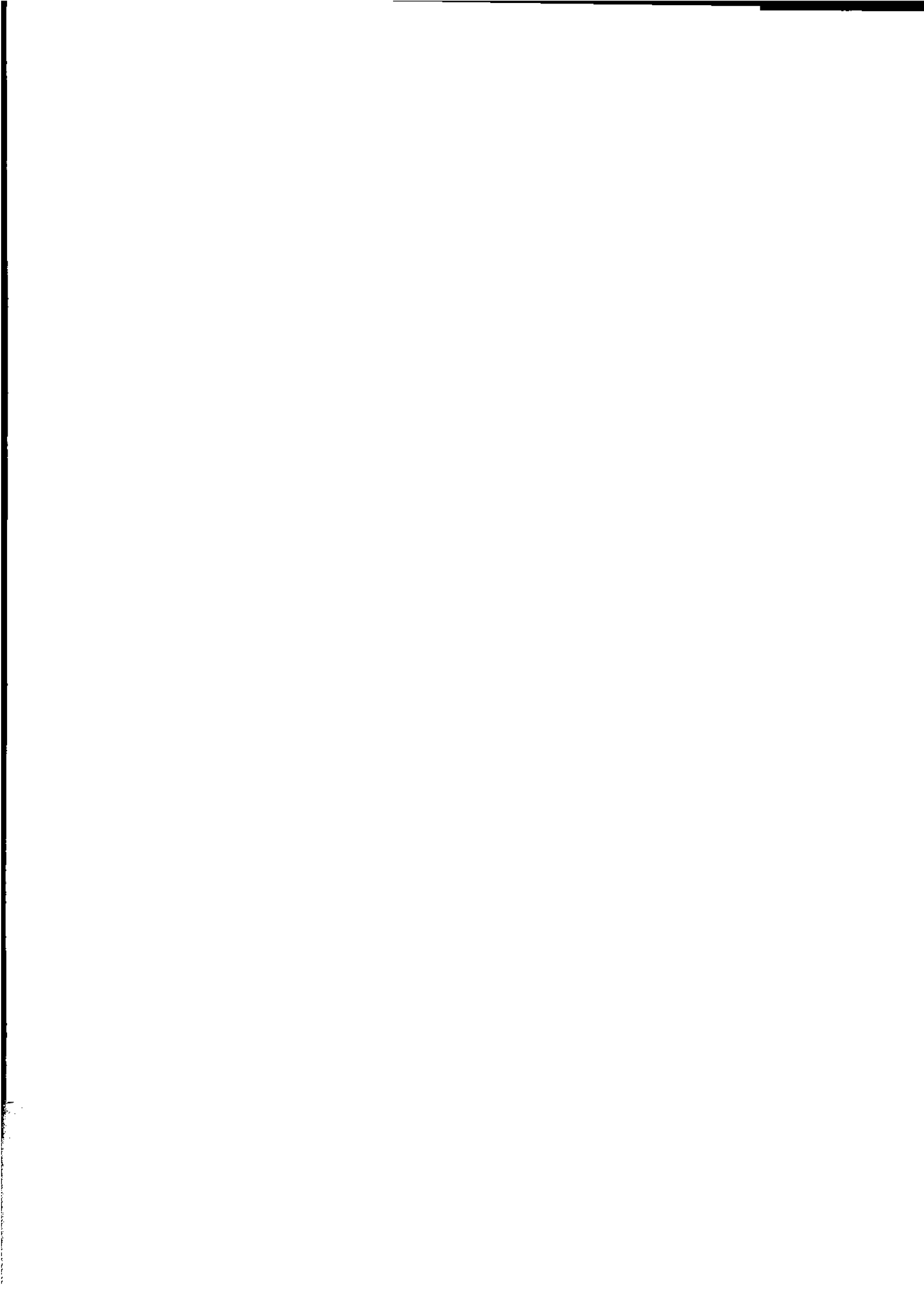




6

EDUCATION

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## **Introduction**

*This chapter provides an overview of education in Victoria, including details of the number of schools, teachers and students, higher education and TAFE.*

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### **OVERVIEW**

#### **Schools and teachers**

In economic terms, in 1993-94 the education industry sector contributed 5.3% of the total Victorian Gross State Product (GSP) at factor cost. Victoria's percentage share of the national Gross Domestic Product (GDP) at factor cost for the education sector was 26.6%.

There were 2,410 schools in Victoria in 1994. This was 207 schools fewer than in 1993, with government schools showing the sharpest decrease (203 schools) and non-government schools showing only a slight decrease (4 schools). The total enrolment of students in all Victorian schools in 1994 was 773,194, a decrease of 1%. Of the total students enrolled, 58% were in primary schools and 42% were in secondary schools.

Government schools, which constituted 72% of total schools, had a student enrolment of 520,328, which represented a decrease of 1% over 1993.

Enrolments in non-government schools showed a small increase in 1994 (0.7%) following slight decreases in the three previous years. 73% of non-government schools were Catholic schools. Of students attending non-government schools, there were 174,157 (69%) enrolled in Catholic schools, 24,137 (10%) in Anglican schools and 54,572 (21%) in other non-government schools. The proportion of students enrolled in non-government schools was larger at secondary level, especially at Year 12.

Apparent retention rates are measures of the tendencies of students to remain in secondary education from Year 7 to the senior years of secondary schooling. The apparent retention rate to Year 12 increased from 47% in 1986 to 81% in 1992, before declining to 79% in 1993.

The numbers of teaching staff (expressed in full-time equivalent units) decreased by 5%, from 53,778 in 1993 to 51,295 in 1994. The average number of students per full-time teaching staff number was 15.5 for non-government schools and 14.9 for government schools. The average ratios for all schools were 17.7 for primary and 11.8 for secondary schools.

TABLE 6.1 SCHOOLS, STUDENTS, AND TEACHING STAFF (a), VICTORIA

Year	Government			Non-government			Total		
	Schools	Students	Teaching staff	Schools	Students	Teaching staff	Schools	Students	Teaching staff
1989 (b)	2 059	527 700	40 737	719	257 407	16 400	2 778	785 107	57 137
1990	2 038	526 576	39 950	715	257 786	16 508	2 753	784 362	56 459
1991	2 029	533 386	39 447	696	256 127	16 421	2 725	789 513	55 868
1992	2 013	533 909	40 550	687	253 713	16 192	2 700	787 622	56 741
1993	1 934	526 636	37 551	683	250 961	16 227	2 617	777 597	53 778
1994	1 731	520 328	34 635	679	252 866	16 661	2 410	773 194	51 295

(a) Number of full-time teaching staff plus full-time equivalents (FTE) of part-time teaching staff.

(b) With changes to staff tables in 1989, some staff previously classified as teaching staff are now classified as specialist support.

Source: *Schools, Australia* (4221.0)

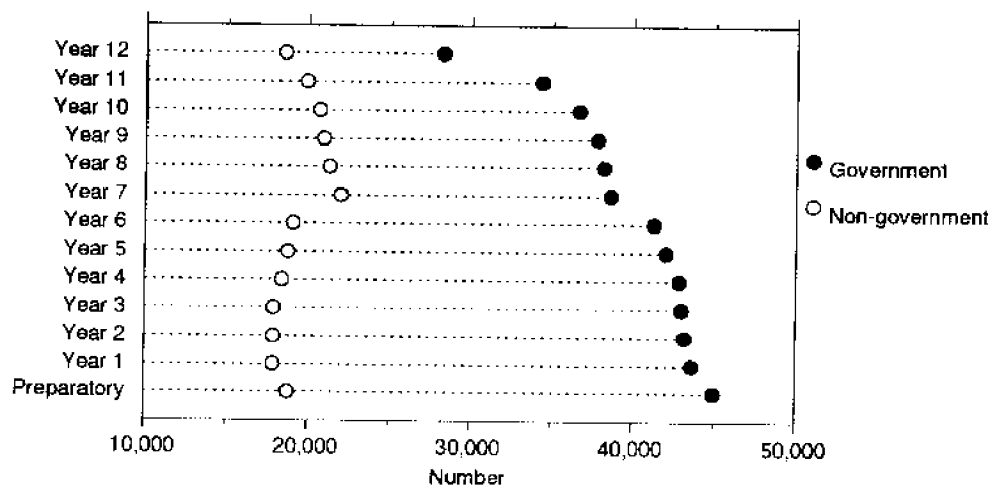
TABLE 6.2 NUMBER OF FULL-TIME STUDENTS: CATEGORY OF SCHOOL AND YEAR OF EDUCATION, VICTORIA, 1994

Year of education	Government schools	Non-government (a)				All schools		
		Anglican	Catholic	Other	Total	Males	Females	Persons
Primary -								
Preparatory	45 019	802	14 974	3 011	18 787	32 687	31 119	63 806
Year 1	43 653	759	14 345	2 802	17 906	31 474	30 085	61 559
Year 2	43 192	765	14 233	2 899	17 897	31 314	29 775	61 089
Year 3	42 995	847	14 159	2 878	17 884	31 165	29 714	60 879
Year 4	42 851	945	14 402	3 063	18 410	31 202	30 059	61 261
Year 5	42 049	1 193	14 246	3 292	18 731	31 102	29 678	60 780
Year 6	41 273	1 384	14 176	3 490	19 050	31 021	29 302	60 323
Ungraded	1 865	-	72	492	564	1 540	889	2 429
<b>Total primary</b>	<b>302 897</b>	<b>6 695</b>	<b>100 607</b>	<b>21 927</b>	<b>129 229</b>	<b>221 505</b>	<b>210 621</b>	<b>432 126</b>
Secondary -								
Year 7	38 600	2 696	13 698	5 597	21 991	30 825	29 766	60 591
Year 8	38 182	2 743	13 085	5 470	21 298	30 388	29 092	59 480
Year 9	37 813	2 919	12 731	5 244	20 894	29 970	28 737	58 707
Year 10	36 640	3 040	12 272	5 323	20 635	28 960	28 315	57 275
Year 11	34 336	3 063	11 404	5 404	19 871	26 865	27 342	54 207
Year 12	28 263	2 981	10 275	5 235	18 491	21 815	24 939	46 754
Ungraded	3 597	-	85	372	457	2 421	1 633	4 054
<b>Total secondary</b>	<b>217 431</b>	<b>17 442</b>	<b>73 550</b>	<b>32 645</b>	<b>123 637</b>	<b>171 244</b>	<b>169 824</b>	<b>341 068</b>
<b>Total</b>	<b>520 328</b>	<b>24 137</b>	<b>174 157</b>	<b>54 572</b>	<b>252 866</b>	<b>392 749</b>	<b>380 445</b>	<b>773 194</b>

(a) Includes full-time students attending one special school administered by government authorities other than the Ministry of Education.

Source: *Schools, Australia* (4221.0)

**ALL SCHOOLS: NUMBER OF FULL-TIME STUDENTS BY CATEGORY OF SCHOOL AND YEAR OF EDUCATION, VICTORIA 1994**



Source: *Schools, Australia* (4221.0)

**Higher education**

Table 6.3 shows the number of students attending a higher education institution (excluding TAFE) was 163,854 in 1994, an increase of 1.1% over the previous year. There was a 3% increase in the number of students in Bachelor degree courses, while the number studying for Post-graduate and Higher degree courses remained static.

Table 6.4 shows that in 1994, 22% of students studied Arts, Humanities and the Social Sciences, 22% studied Business, Administration or Economics, and a further 16% were studying Science.

**TABLE 6.3 HIGHER EDUCATION : NUMBER OF STUDENTS BY LEVEL OF COURSE AND TYPE OF ENROLMENT, VICTORIA, 1994**

Institute of Higher Education (a)	Level of course					Total
	Higher degree	Post-grad	Bachelor	Other	Enabling (b)	
University of Ballarat	126	295	3 370	118	2	3 911
Deakin University	1 866	3 321	18 643	445	263	24 538
La Trobe University	1 893	1 982	16 925	362	18	21 180
Marcus Oldham Farm Management College	-	-	-	112	-	112
Monash University	5 004	3 314	27 577	1 400	21	37 316
Royal Melbourne Institute of Technology	2 778	1 874	19 619	72	-	24 343
Swinburne University of Technology	615	1 121	7 056	39	-	8 831
University of Melbourne	4 208	3 633	20 579	1 509	1	29 930
Victoria University of Technology	1 029	1 332	10 604	728	-	13 693
<b>Total higher education</b>	<b>17 519</b>	<b>16 872</b>	<b>124 373</b>	<b>3 473</b>	<b>305</b>	<b>163 854</b>

(a) Deakin University and Victoria College amalgamated on 1 January 1992 and the amalgamated institution is now known as Deakin University. The University of Melbourne and the Victorian College of the Arts amalgamated on 1 July 1991 and the amalgamated institution is now known as The University of Melbourne.

(b) An enabling course is a program of study which provides bridging or supplementary education for the purpose of enabling a person to undertake an award course at that institution or at another institution.

Source: Department of Employment, Education and Training

TABLE 6.4 HIGHER EDUCATION: NUMBER OF STUDENTS BY INSTITUTION AND FIELD OF STUDY, VICTORIA, 1994

Institute of Higher Education (a)	Arts										Total	
	Agriculture Animal Husbandry	Architecture Building	Humanities Social Sciences	Business Admin. Economics	Education	Engineering Surveying	Health	Law Legal Studies	Science	Veterinary Science		Non-award courses
University of Ballarat	-	-	765	755	639	440	553	-	759	-	-	3 911
Deakin University	-	751	5 197	5 338	5 292	332	3 382	565	3 265	-	416	24 538
La Trobe University	224	-	7 226	2 646	1 775	775	4 973	330	3 099	-	132	21 180
Marcus Oldham Farm Management College	112	-	-	-	-	-	-	-	-	-	-	-
Monash University	-	-	7 506	9 906	2 467	4 081	3 588	2 369	6 827	-	572	37 316
Royal Melbourne Institute of Technology	-	1 713	3 561	7 661	1 486	3 979	2 573	-	3 116	-	-	24 343
Swinburne University of Technology	-	5	1 992	2 929	-	2 265	-	-	1 636	-	-	8 831
University of Melbourne	1 872	899	8 345	3 073	6 143	2 478	2 625	637	3 586	272	-	29 930
Victoria University of Technology	-	77	2 173	4 346	409	1 639	1 529	-	3 332	-	188	13 693
<b>Total higher education</b>	<b>2 208</b>	<b>3 445</b>	<b>36 765</b>	<b>36 654</b>	<b>18 211</b>	<b>15 989</b>	<b>19 223</b>	<b>4 155</b>	<b>25 620</b>	<b>272</b>	<b>1 312</b>	<b>163 854</b>

(a) Deakin University and Victoria College amalgamated on 1 January 1992 and the amalgamated institution is now known as Deakin University. The University of Melbourne and the Victorian College of the Arts amalgamated on 1 July 1991 and the amalgamated institution is now known as The University of Melbourne.

Source: Department of Employment, Education and Training

**TAFE**

The number of students enrolled in TAFE (Technical and Further Education) courses in 1993 increased by 6% over the previous year, or a significant 36% over the number enrolled in 1990.

Enrolments in vocational courses increased by 17%, while enrolments in recreational courses decreased by almost 9%. Details are provided in Tables 6.5 and 6.6 below.

**TABLE 6.5 TAFE: NUMBER OF STUDENTS ENROLLED BY MAJOR STREAM GROUP AND BY SEX, VICTORIA**

Year	Males			Females			Persons		
	Vocational (a)	Recreational (b)	Total	Vocational (a)	Recreational (b)	Total	Vocational (a)	Recreational (b)	Total
1988	130 956	35 919	166 875	100 904	145 966	246 870	231 860	181 885	413 745
1989	135 169	46 163	181 332	115 613	170 908	286 521	250 782	217 071	467 853
1990	143 844	36 392	180 236	105 614	118 222	223 836	249 458	154 614	404 072
1991	148 090	35 880	183 970	115 706	136 364	252 070	263 796	172 244	436 040
1992	160 531	41 202	201 733	136 659	180 792	317 451	297 190	221 994	519 184
1993	181 495	35 536	217 031	167 061	166 888	333 949	348 556	202 424	550 980

(a) TAFE streams 2100 to 4500.

(b) Stream 1000, Recreation, leisure and personal enrichment.

Source: Department of Employment, Education and Training

**TABLE 6.6 TAFE: NUMBER OF ENROLMENTS IN VOCATIONAL COURSES BY FIELD OF STUDY, VICTORIA, 1993**

Land & Marine Resources, Animal Husbandry	20 249	5.3
Architecture, Building	24 552	6.4
Arts, Humanities & Social Sciences	37 258	9.7
Business Administration, Economics	90 826	23.6
Education	5 321	1.4
Engineering, Surveying	57 336	14.9
Health, Community Services	20 609	5.3
Law, Legal Studies	1 128	0.3
Science	23 106	6.0
Veterinary Science, Animal Care	388	0.1
Services, Hospitality, Transportation	33 673	8.7
TAFE Multi-field Education	70 667	18.3
<b>Total (a)</b>	<b>385 143</b>	<b>100.0</b>

(a) Students may enrol in more than one field of study, thus causing the number of students enrolled by field of study to exceed the actual total number of students enrolled.

Source: Department of Employment, Education and Training

## REFERENCES

### ABS publications

*Schools, Australia* (4221.0)

### Non-ABS sources

Department of Employment, Education and Training