

**CYNGHORAU CYLLIDO CYMRU  
WELSH FUNDING COUNCILS**

**YSTADEGAU ADDYSG BELLACH AC UWCH  
YNG NGHYMURU : 1998/99**

**FURTHER AND HIGHER EDUCATION  
STATISTICS IN WALES : 1998/99**

**CYNGOR CYLLIDO ADDYSG BELLACH CYMRU**

Cwrt Linden, Y Berllan, Clos Ilex  
Llanisien, Caerdydd, CF14 5DZ  
ISBN: 1-85949-202-9

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Gellir atgynhyrchu darnau o'r ddogfen hon at ddibenion addysgu neu hyfforddi anfasnachol ar yr amod y cydnabyddir y ffynhonnell yn briodol ac y cedwir yr hawlfraint

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**FURTHER AND HIGHER EDUCATION  
STATISTICS IN WALES : 1998/99**

# YSTADEGAU ADDYSG BELLACH AC UWCH YNG NGHYMURU : 1998/99

## CYFLWYNIAD

Y gyfrol hon o ystadegau yw'r bedwaredd mewn cyfres flynyddol a gyhoeddir gan Gyngorau Cyllido Cymru (CCCau) i ddarparu gwybodaeth am addysg bellach ac uwch yng Nghymru.

### Strwythur y Gyfrol

Rhennir y gyfrol yn ddwy ran, y naill ar gyfer addysg bellach a'r llall ar gyfer addysg uwch. Mae Rhan A yn rhoi gwybodaeth am addysg bellach (AB). Fe'i trefnwyd yn saith adran:

- Adran 1: y sector addysg bellach yng Nghymru;
- Adran 2: tueddiadau a chyfranogiad mewn addysg bellach;
- Adran 3: myfyrwyr addysg bellach mewn sefydliadau addysg bellach;
- Adran 4: y cymwysterau a geisir gan fyfyrwyr addysg bellach mewn sefydliadau addysg bellach;
- Adran 5: cyflawniadau myfyrwyr addysg bellach mewn sefydliadau addysg bellach;
- Adran 6: staff a gyflogir gan sefydliadau addysg bellach;
- Adran 7: cyllid sefydliadau addysg bellach.

Mae Rhan B yn rhoi gwybodaeth am addysg uwch (AU). Fe'i trefnwyd yn chwe adran:

- Adran 8: y sector addysg uwch yng Nghymru;
- Adran 9: tueddiadau a chyfranogiad mewn addysg uwch;
- Adran 10: cofrestriadau addysg uwch mewn sefydliadau addysg uwch;
- Adran 11: cyflawniadau myfyrwyr addysg uwch mewn sefydliadau addysg uwch;
- Adran 12: staff a gyflogir gan sefydliadau addysg uwch;
- Adran 13: cyllid sefydliadau addysg uwch.

Mae pob adran yn cynnwys crynodeb disgrifiadol byr o'r prif bwyntiau yn y tablau yn ogystal â'r tablau eu hunain.

# FURTHER AND HIGHER EDUCATION STATISTICS IN WALES : 1998/99

## INTRODUCTION

This volume of statistics is the fourth of an annual series being published by the Welsh Funding Councils (WFCs) to provide information about further and higher education in Wales.

### Structure of the Volume

The volume is divided into two parts - one relating to further education and the other to higher education. Part A provides information about further education (FE). It is arranged in seven sections:

- Section 1: the further education sector in Wales;
- Section 2: trends and participation rates in further education;
- Section 3: further education students at further education institutions;
- Section 4: the qualification aims of further education students at further education institutions;
- Section 5: achievements of further education students at further education institutions;
- Section 6: staff employed by further education institutions;
- Section 7: finance of further education institutions.

Part B provides information about higher education (HE). It is arranged in six sections:

- Section 8: the higher education sector in Wales;
- Section 9: trends and participation rates in higher education;
- Section 10: higher education enrolments at higher education institutions;
- Section 11: achievements of higher education students at higher education institutions;
- Section 12: staff employed by higher education institutions;
- Section 13: finance of higher education institutions.

Each section includes a short descriptive summary of the main points from the tables as well as the tables themselves.

Mae pob tabl yn cynnwys nodiadau byr ar ymdriniaeth a ffynonellau'r data. Rhoddir gwybodaeth lawnach am y ffynonellau data a nodiadau ar y diffiniadau a ddefnyddiwyd yn Atodiad A (AB) ac Atodiad B (AU). Mewn rhai achosion, gall fod gwahaniaethau bach rhwng y ffigurau yn y tablau a'r cyfansymiau o ganlyniad i dalgrynnu; mewn eraill, gall y rhesi hepgor data na ellir eu dosbarthu gan i godau anhysbys gael eu defnyddio, ond bydd y cyfansymiau'n cynnwys yr holl ddata.

### **Tablau Newydd 1998/99**

Cynhwyswyd rhai tablau newydd yn Rhan A. Mae'r rhain yn cynnwys gwybodaeth am ddarpariaeth cyfrwng Cymraeg, myfyrwyr a noddir gan gyflogwyr a myfyrwyr o ardaloedd amddifadus. Darperir rhagor o wybodaeth hefyd am nifer y myfyrwyr sy'n cwblhau eu cyrsiau ac am gyflawniadau myfyrwyr, a darparwyd mapiau sy'n dangos cyfraniad sefydliadau addysg bellach ac uwch at gyfraddau cyfanogiad.

### **Perthynas ag Ystadegau Cyhoeddedig Eraill**

Mae gwahaniaethau rhwng y ffyrdd mae data ystadegol wedi cael eu casglu a'u cyhoeddi yn y gorffennol a'r dulliau a ddefnyddir ar hyn o bryd. Ceir hefyd wahaniaethau bach o ran diffiniadau ac ymdriniaeth rhwng cyfrolau 1997/98 a 1998/99. Yn ogystal mae rhai gwahaniaethau hefyd rhwng y diffiniadau a ddefnyddiwyd ar gyfer cyllido, ac felly ar gyfer cyhoeddi ystadegau'n gysylltiedig â chyllido, a'r diffiniadau a ddefnyddiwyd yn y gyfrol hon. Amlinellir y prif wahaniaethau ar gyfer data cyllido a data ystadegol yn Atodiad C.

### **Gwybodaeth Bellach**

Gellir cael gwybodaeth bellach am y tablau cyhoeddedig gan:

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Cyhoeddir gwybodaeth fanylach am addysg uwch gan yr Asiantaeth Ystadegau Addysg Uwch (gweler Atodiad B).

Each table includes brief notes on coverage and the data sources. Fuller information on sources of data and notes on the definitions used are provided in Appendix A (FE) and Appendix B (HE). In some cases, there may be slight discrepancies between the figures in the tables and the totals due to rounding; in others, the rows may exclude data which cannot be classified due to the use of not known codes, but the totals include all data.

### **New Tables for 1998/99**

Several new tables have been included in Part A. These include information on Welsh medium provision, students supported by employers and students from deprived areas. The information on student completions and achievement has also been extended and maps showing the contribution of further and higher education institutions to participation rates are provided.

### **Relationship to Other Published Statistics**

There are differences between the ways in which statistical data have been collected and published in the past and the methods now used. There are also small definitional and coverage differences between the 1997/98 and 1998/99 volumes. In addition, there are some differences between the definitions used for funding, and hence for the publication of funding related statistics, and those used in this volume. An outline of the main differences for both funding and statistical data is provided in Appendix C.

### **Further Information**

Further information about the published tables may be obtained from:

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CF14 5DZ

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<http://www.wfc.ac.uk>

More detailed information about higher education is published by HESA (see Appendix B).

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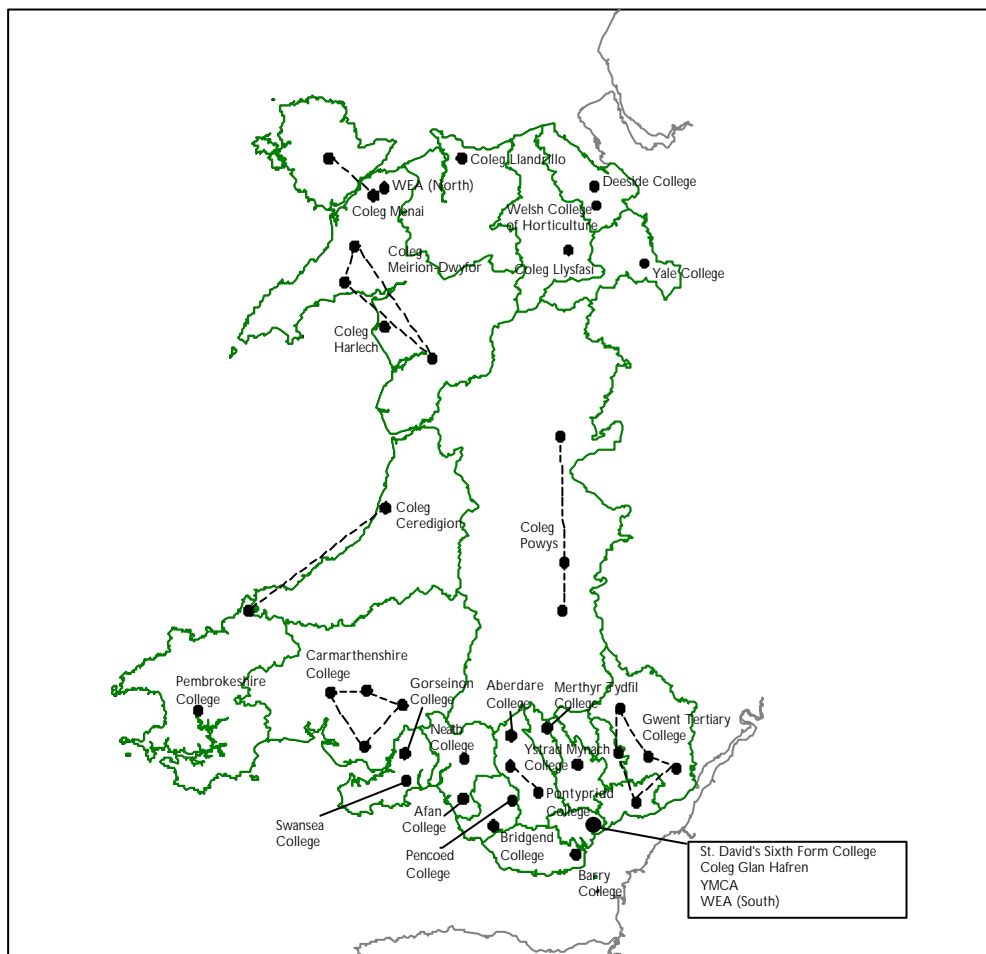
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# CYNGOR CYLLIDO ADDYSG BELLACH CYMRU

## PART A FURTHER EDUCATION IN WALES 1998/99



FURTHER EDUCATION FUNDING COUNCIL FOR WALES

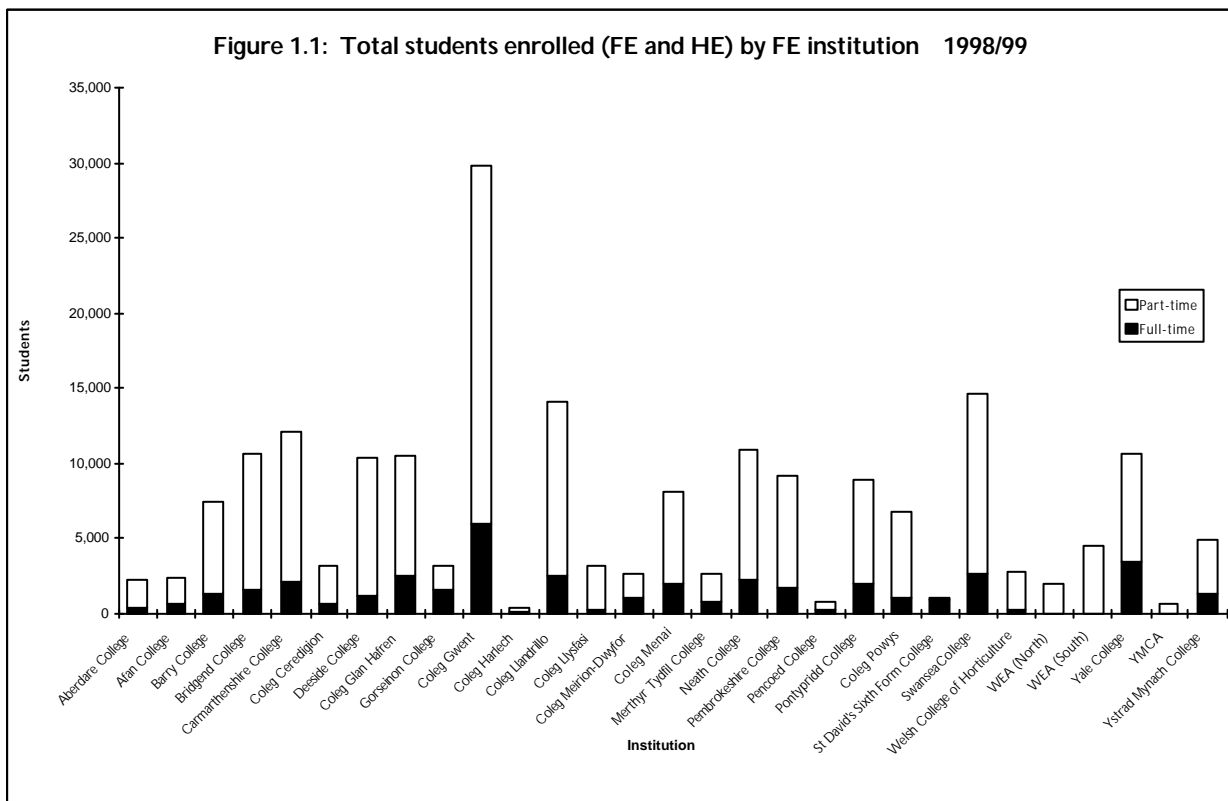
## SECTION 1 : THE FURTHER EDUCATION SECTOR IN WALES

In 1998/99 there were 29 further education institutions in Wales and 10 higher education institutions with further education provision. Most of the information in this part of the publication relates to further education students in further education institutions but it is possible to count the number of students in the sector in several different ways. The tables in this section show the numbers reflecting slightly different coverages. Note that all enrolments on further education courses at sponsored institutions are excluded from the tables in this publication. Also excluded, in all tables but Table 1.4, are a number of Welsh for adults students who were recorded only in the HESA non-credit bearing record.

There were 42,367 full-time and sandwich students enrolled at further education institutions in Wales in 1998/99. In addition, 161,777 students were enrolled on part-time, open or distance learning or very short full-time programmes. [Table 1.1] Figure 1.1 shows the distribution of students across institutions.

The proportion of students registered at further education institutions on higher education programmes was very low (1.5 per cent of full-time students and 0.8 per cent of part-time students). However, 1,140 full-time students registered at higher education institutions were franchised into further education institutions and, in addition, 3,604 part-time students were franchised in. [Tables 1.1 and 1.3]

There were 42,160 full-time or sandwich students on further education programmes at institutions in Wales; 408 of these were enrolled at higher education institutions. In part-time and other modes of attendance there were 166,148 further education students of which 5,589 were at higher education institutions. [Table 1.2] The total numbers of students taught at further education institutions in 1998/99 were 43,304 studying full-time and 130,548 in other modes of attendance. These numbers exclude those further education students taught outside the institution under a third party arrangement (franchised out) and include those franchised in from higher education institutions. Students on open and distance learning provision are included within the numbers of students taught at the institution. [Table 1.3]



Between 1997/98 and 1998/99 the numbers of full-time further education students enrolled at further education institutions did not change significantly, but the number of part-time students rose by 3 per cent. Note that the numbers of students in 1997/98 shown in Table 1.5 are slightly lower than the corresponding numbers published in Table 1.2 of the 1997/98 edition of this publication. This is as a result of the change in the definition of the standard student population. [Table 1.5]

## THE FURTHER EDUCATION SECTOR IN WALES

**Table 1.1a: Full-time students (FE and HE) enrolled at FE institutions 1998/99**

Institution	FE Students at FE Institutions		HE Students at FE Institutions		Total	
	All	Enrolled 1 Dec	All	Enrolled 1 Dec	All	Enrolled 1 Dec
Aberdare College	504	412	1	1	505	413
Afan College	666	625	0	0	666	625
Barry College	1,444	1,306	0	0	1,444	1,306
Bridgend College	1,656	1,581	0	0	1,656	1,581
Carmarthenshire College	2,170	2,094	283	278	2,453	2,372
Coleg Ceredigion	718	642	0	0	718	642
Deeside College	1,263	1,124	0	0	1,263	1,124
Coleg Glan Hafren	2,564	2,222	4	4	2,568	2,226
Gorseinon College	1,613	1,568	0	0	1,613	1,568
Coleg Gwent	6,020	5,540	22	19	6,042	5,559
Coleg Harlech	136	123	0	0	136	123
Coleg Llandrillo	2,518	2,266	117	114	2,635	2,380
Coleg Llysfasi	290	246	0	0	290	246
Coleg Meirion-Dwyfor	1,126	1,082	1	1	1,127	1,083
Coleg Menai	2,050	1,960	31	30	2,081	1,990
Merthyr Tydfil College	853	759	0	0	853	759
Neath College	2,306	2,221	129	124	2,435	2,345
Pembrokeshire College	1,748	1,634	0	0	1,748	1,634
Pencoed College	365	347	0	0	365	347
Pontypridd College	2,055	1,902	1	1	2,056	1,903
Coleg Powys	1,047	979	2	2	1,049	981
St David's Sixth Form College	954	938	0	0	954	938
Swansea College	2,646	2,296	9	7	2,655	2,303
Welsh College of Horticulture	298	273	15	15	313	288
WEA (North)	0	0	0	0	0	0
WEA (South)	0	0	0	0	0	0
Yale College	3,447	2,452	0	0	3,447	2,452
YMCA	0	0	0	0	0	0
Ystrad Mynach College	1,295	1,120	0	0	1,295	1,120
<b>Total</b>	<b>41,752</b>	<b>37,712</b>	<b>615</b>	<b>596</b>	<b>42,367</b>	<b>38,308</b>

**Coverage** All further education institutions

**Notes**

- 1 Higher education includes all students whose principal qualification aim is at NVQ level 4 or above.
- 2 Higher education normally excludes those franchised in from the higher education institutions at which they are enrolled but some HE students franchised in to FE colleges have been incorrectly recorded as enrolled at the FE college.

**Source** 1998/99 ISR (Individualised Student Record)

THE FURTHER EDUCATION SECTOR IN WALES

Table 1.1b: Part-time students (FE and HE) enrolled at FE institutions 1998/99

Institution	FE Students at FE Institutions		HE Students at FE Institutions		Total	
	All	Enrolled 1 Dec	All	Enrolled 1 Dec	All	Enrolled 1 Dec
Aberdare College	1,786	1,341	0	0	1,786	1,341
Afan College	1,774	1,092	0	0	1,774	1,092
Barry College	6,046	3,851	0	0	6,046	3,851
Bridgend College	9,004	5,458	19	18	9,023	5,476
Carmarthenshire College	9,965	7,050	81	67	10,046	7,117
Coleg Ceredigion	2,478	1,522	0	0	2,478	1,522
Deeside College	9,215	5,076	68	41	9,283	5,117
Coleg Glan Hafren	7,972	6,016	83	72	8,055	6,088
Gorseinon College	1,637	1,283	0	0	1,637	1,283
Coleg Gwent	23,821	16,017	85	81	23,906	16,098
Coleg Harlech	399	4	0	0	399	4
Coleg Llandrillo	11,616	6,310	97	75	11,713	6,385
Coleg Llysfasi	2,943	1,421	33	28	2,976	1,449
Coleg Meirion-Dwyfor	1,595	955	36	36	1,631	991
Coleg Menai	6,083	4,796	36	34	6,119	4,830
Merthyr Tydfil College	1,896	1,409	9	8	1,905	1,417
Neath College	8,554	6,472	238	227	8,792	6,699
Pembrokeshire College	7,427	3,757	0	0	7,427	3,757
Pencoed College	519	332	10	8	529	340
Pontypridd College	6,890	5,467	71	65	6,961	5,532
Coleg Powys	5,829	3,635	172	162	6,001	3,797
St David's Sixth Form College	142	82	0	0	142	82
Swansea College	12,024	8,205	145	133	12,169	8,338
Welsh College of Horticulture	2,576	1,356	9	7	2,585	1,363
WEA (North)	1,983	1,832	0	0	1,983	1,832
WEA (South)	4,621	2,823	0	0	4,621	2,823
Yale College	7,292	2,914	0	0	7,292	2,914
YMCA	780	528	0	0	780	528
Ystrad Mynach College	3,692	2,893	26	26	3,718	2,919
<b>Total</b>	<b>160,559</b>	<b>103,897</b>	<b>1,218</b>	<b>1,088</b>	<b>161,777</b>	<b>104,985</b>

**Coverage** All further education institutions

**Notes** 1 Higher education includes all students whose principal qualification aim is at NVQ level 4 or above.  
2 Higher education normally excludes those franchised in from the higher education institutions at which they are enrolled but some HE students franchised in to FE colleges have been incorrectly recorded as enrolled at the FE college.

**Source** 1998/99 ISR (Individualised Student Record)

## THE FURTHER EDUCATION SECTOR IN WALES

**Table 1.2: Further education students enrolled at FE and HE institutions 1998/99**

Institution	Full-time		Part-time	
	All	Enrolled 1 Dec	All	Enrolled 1 Dec
Aberdare College	504	412	1,786	1,341
Afan College	666	625	1,774	1,092
Barry College	1,444	1,306	6,046	3,851
Bridgend College	1,656	1,581	9,004	5,458
Carmarthenshire College	2,170	2,094	9,965	7,050
Coleg Ceredigion	718	642	2,478	1,522
Deeside College	1,263	1,124	9,215	5,076
Coleg Glan Hafren	2,564	2,222	7,972	6,016
Gorseinon College	1,613	1,568	1,637	1,283
Coleg Gwent	6,020	5,540	23,821	16,017
Coleg Harlech	136	123	399	4
Coleg Llandrillo	2,518	2,266	11,616	6,310
Coleg Llysfasi	290	246	2,943	1,421
Coleg Meirion-Dwyfor	1,126	1,082	1,595	955
Coleg Menai	2,050	1,960	6,083	4,796
Merthyr Tydfil College	853	759	1,896	1,409
Neath College	2,306	2,221	8,554	6,472
Pembrokeshire College	1,748	1,634	7,427	3,757
Pencoed College	365	347	519	332
Pontypridd College	2,055	1,902	6,890	5,467
Coleg Powys	1,047	979	5,829	3,635
St David's Sixth Form College	954	938	142	82
Swansea College	2,646	2,296	12,024	8,205
Welsh College of Horticulture	298	273	2,576	1,356
WEA (North)	0	0	1,983	1,832
WEA (South)	0	0	4,621	2,823
Yale College	3,447	2,452	7,292	2,914
YMCA	0	0	780	528
Ystrad Mynach College	1,295	1,120	3,692	2,893
University of Wales, Aberystwyth	0	0	1,223	915
University of Wales, Bangor	0	0	1,269	1,164
Cardiff University	0	0	1,321	714
University of Wales Swansea	0	0	724	446
University of Wales Institute, Cardiff	177	166	269	248
University of Wales College, Newport	155	144	425	303
North East Wales Institute	0	0	61	58
Swansea Institute of Higher Education	76	74	297	259
<b>Total</b>	<b>42,160</b>	<b>38,096</b>	<b>166,148</b>	<b>108,004</b>

**Coverage** All further education and higher education institutions excluding Welsh for adults provision recorded in the HESA Non-Credit-Bearing Record

**Source** 1998/99 ISR (Individualised Student Record)  
1998/99 HESA Student Record

THE FURTHER EDUCATION SECTOR IN WALES

Table 1.3a: Full-time students (FE and HE) taught at FE institutions 1998/99

Institution	FE&HE Students Total Enrolled	Third Party	Franchised In from HE Institutions	Students Taught
Aberdare College	505	0	0	505
Afan College	666	0	0	666
Barry College	1,444	0	4	1,448
Bridgend College	1,656	0	83	1,739
Carmarthenshire College	2,453	4	120	2,569
Coleg Ceredigion	718	0	24	742
Deeside College	1,263	0	0	1,263
Coleg Glan Hafren	2,568	124	0	2,444
Gorseinon College	1,613	0	0	1,613
Coleg Gwent	6,042	3	77	6,116
Coleg Harlech	136	0	0	136
Coleg Llandrillo	2,635	19	186	2,802
Coleg Lllysfasi	290	0	0	290
Coleg Meirion-Dwyfor	1,127	8	0	1,119
Coleg Menai	2,081	0	43	2,124
Merthyr Tydfil College	853	0	0	853
Neath College	2,435	11	105	2,529
Pembrokeshire College	1,748	0	270	2,018
Pencoed College	365	0	37	402
Pontypridd College	2,056	19	80	2,117
Coleg Powys	1,049	1	9	1,057
St David's Sixth Form College	954	1	0	953
Swansea College	2,655	0	68	2,723
Welsh College of Horticulture	313	13	28	328
WEA (North)	0	0	0	0
WEA (South)	0	0	0	0
Yale College	3,447	0	0	3,447
YMCA	0	0	0	0
Ystrad Mynach College	1,295	0	6	1,301
<b>Total</b>	<b>42,367</b>	<b>203</b>	<b>1,140</b>	<b>43,304</b>

**Coverage** All further education institutions and all students franchised into them from higher education institutions

**Notes** Students taught include those enrolled at further education institutions, less students taught outside the institution under a third party arrangement plus students franchised in from higher education.

**Source** 1998/99 ISR (Individualised Student Record)  
HE Funding 1998/99 Volume 2 : Enrolments

## THE FURTHER EDUCATION SECTOR IN WALES

**Table 1.3b: Part-time students (FE and HE) taught at FE institutions 1998/99**

Institution	FE&HE Students Total Enrolled	Third Party	Franchised In from HE Institutions	Students Taught
Aberdare College	1,786	606	78	1,258
Afan College	1,774	0	15	1,789
Barry College	6,046	2,471	129	3,704
Bridgend College	9,023	1,519	537	8,041
Carmarthenshire College	10,046	2,518	386	7,914
Coleg Ceredigion	2,478	799	41	1,720
Deeside College	9,283	132	77	9,228
Coleg Glan Hafren	8,055	4,061	0	3,994
Gorseinon College	1,637	0	0	1,637
Coleg Gwent	23,906	11,462	485	12,929
Coleg Harlech	399	0	0	399
Coleg Llandrillo	11,713	1,501	211	10,423
Coleg Llysfasi	2,976	0	10	2,986
Coleg Meirion-Dwyfor	1,631	10	0	1,621
Coleg Menai	6,119	0	332	6,451
Merthyr Tydfil College	1,905	0	160	2,065
Neath College	8,792	3,705	190	5,277
Pembrokeshire College	7,427	2,036	302	5,693
Pencoed College	529	0	1	530
Pontypridd College	6,961	2,271	185	4,875
Coleg Powys	6,001	1,120	158	5,039
St David's Sixth Form College	142	139	0	3
Swansea College	12,169	201	94	12,062
Welsh College of Horticulture	2,585	153	10	2,442
WEA (North)	1,983	0	0	1,983
WEA (South)	4,621	0	0	4,621
Yale College	7,292	129	15	7,178
YMCA	780	0	0	780
Ystrad Mynach College	3,718	0	188	3,906
<b>Total</b>	<b>161,777</b>	<b>34,833</b>	<b>3,604</b>	<b>130,548</b>

**Coverage** All further education institutions and all students franchised into them from higher education institutions

**Notes** Students taught include those enrolled at further education institutions, less students taught outside the institution under a third party arrangement plus students franchised in from higher education.

**Source** 1998/99 ISR (Individualised Student Record)  
HE Funding 1998/99 Volume 2 : Enrolments



**Table 1.4: Welsh for adults enrolments at FE and HE institutions 1998/99**

Institution	Total
Aberdare College	69
Afan College	17
Barry College	367
Bridgend College	51
Carmarthenshire College	801
Coleg Ceredigion	982
Deeside College	197
Coleg Glan Hafren	362
Gorseinon College	68
Coleg Gwent	2,300
Coleg Harlech	132
Coleg Llandrillo	996
Coleg Llysfasi	252
Coleg Meirion-Dwyfor	360
Coleg Menai	807
Merthyr Tydfil College	30
Neath College	122
Pembrokeshire College	660
Pencoed College	0
Pontypridd College	669
Coleg Powys	911
St David's Sixth Form College	4
Swansea College	389
Welsh College of Horticulture	163
WEA (North)	186
WEA (South)	1,002
Yale College	211
YMCA	41
Ystrad Mynach College	115
University of Glamorgan	683
University of Wales, Aberystwyth	1,228
University of Wales, Bangor	2,864
Cardiff University	1,321
University of Wales Swansea	1,036
North East Wales Institute	61
<b>Total</b>	<b>19,457</b>

**Coverage** All Welsh for adults provision at further education and higher education institutions

**Notes**

- 1 The same student may be enrolled for more than one course.
- 2 Students on Welsh for adults courses are included regardless of the age of the student.
- 3 GCSE/GCE Welsh is not included.
- 4 Trinity College Carmarthen also has Welsh for adults courses but returned no data to HESA

**Source** 1998/99 ISR (Individualised Student Record)  
1998/99 HESA Student Record  
1998/99 HESA Non-Credit-Bearing Record

## THE FURTHER EDUCATION SECTOR IN WALES

Table 1.5: Change in FE student numbers 1997/98 to 1998/99

Institution	1997/98		1998/99		Percentage Change from 1997/98 to 1998/99	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
Aberdare College	545	2,311	504	1,786	-8	-23
Afan College	685	2,782	666	1,774	-3	-36
Barry College	1,443	6,319	1,444	6,046	0	-4
Bridgend College	1,537	8,722	1,656	9,004	8	3
Carmarthenshire College	1,668	9,280	2,170	9,965	30	7
Coleg Ceredigion	736	2,439	718	2,478	-2	2
Deeside College	1,295	6,979	1,263	9,215	-2	32
Coleg Glan Hafren	3,182	7,330	2,564	7,972	-19	9
Gorseinon College	1,622	1,715	1,613	1,637	-1	-5
Coleg Gwent	7,012	22,558	6,020	23,821	-14	6
Coleg Harlech	158	621	136	399	-14	-36
Coleg Llandrillo	2,373	11,749	2,518	11,616	6	-1
Coleg Lllyfasi	395	3,174	290	2,943	-27	-7
Coleg Meirion-Dwyfor	1,131	1,539	1,126	1,595	0	4
Coleg Menai	2,158	6,050	2,050	6,083	-5	1
Merthyr Tydfil College	790	2,049	853	1,896	8	-7
Neath College	2,087	8,851	2,306	8,554	10	-3
Pembrokeshire College	1,676	6,696	1,748	7,427	4	11
Pencoed College	359	387	365	519	2	34
Pontypridd College	2,058	6,698	2,055	6,890	0	3
Coleg Powys	1,026	5,825	1,047	5,829	2	0
St David's Sixth Form College	948	0	954	142	1	-
Swansea College	2,416	10,963	2,646	12,024	10	10
Welsh College of Horticulture	225	2,451	298	2,576	32	5
WEA (North)	0	1,887	0	1,983	-	5
WEA (South)	4	4,651	0	4,621	-100	-1
Yale College	2,999	7,586	3,447	7,292	15	-4
YMCA	0	722	0	780	-	8
Ystrad Mynach College	1,085	3,496	1,295	3,692	19	6
<b>Total</b>	<b>41,613</b>	<b>155,830</b>	<b>41,752</b>	<b>160,559</b>	<b>0</b>	<b>3</b>

**Coverage** All further education institutions

**Notes** 1997/98 figures are calculated retrospectively on the same basis as 1998/99

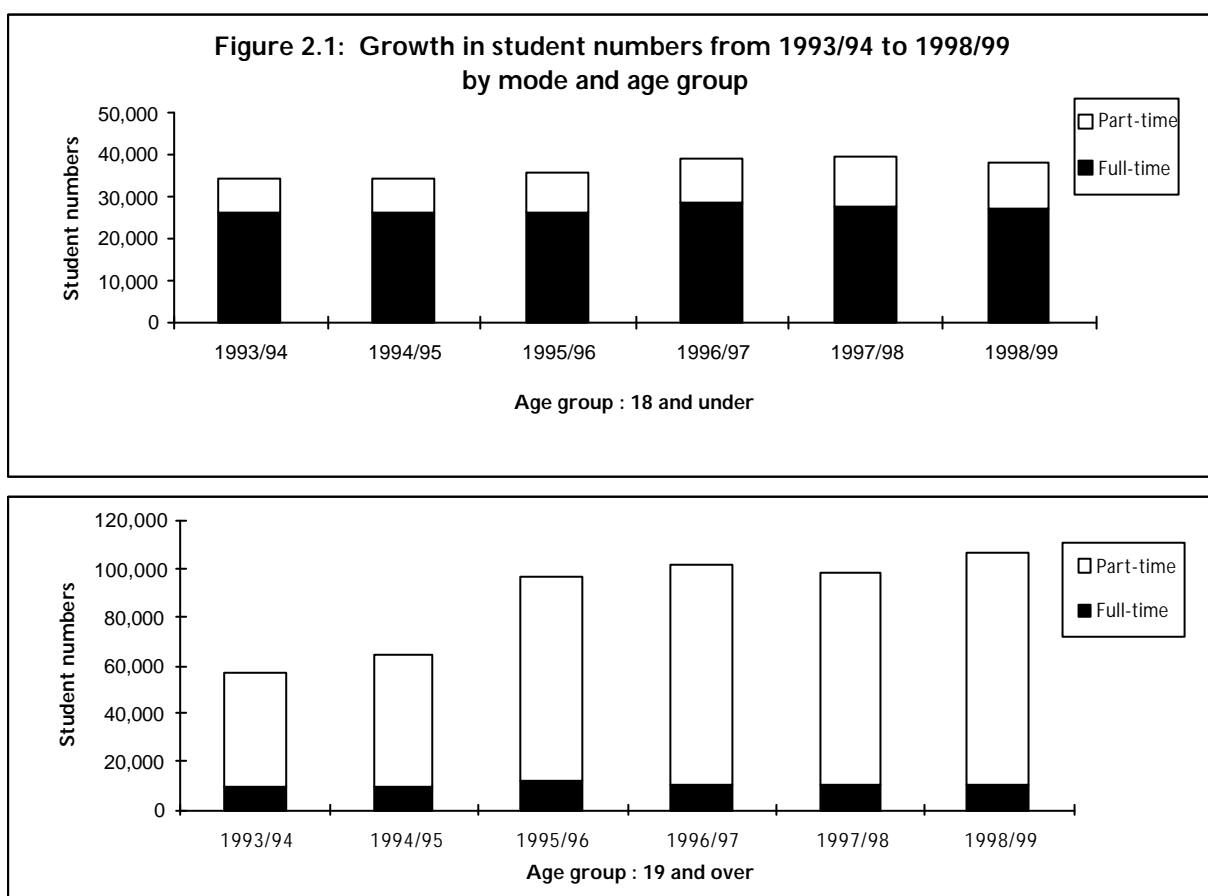
**Source** 1997/98 and 1998/99 ISR (Individualised Student Record)

## SECTION 2 : TRENDS AND PARTICIPATION RATES IN FURTHER EDUCATION

### Trends

The number of further education students enrolled on the autumn term census date rose by 57 per cent between 1993/94 and 1998/99, with a greater increase (140 per cent) for part-time day students than for any other mode. In part, the changes reflect the inclusion of data for the WEAs and YMCA from 1995/96 when data were first collected for these institutions. In addition, small definitional changes, the change of census date from 1 November to 1 December in 1995/96 and to a census date of the week of 1 December in 1998/99, may have affected the figures slightly. [Table 2.1]

Although Table 2.1 registers a drop in the autumn student enrolment numbers between 1996/97 and 1997/98, the full-year student population rose between 1996/97 and 1997/98 by just over 1 per cent (see section 2 of the 1997/98 edition of this publication). Similarly, the full-year numbers for 1998/99 in Table 1.5 are 2.5 per cent higher than the corresponding figures for 1997/98. Full-time students enrolled on the autumn term census date in 1998/99 were 3.5 per cent (1,366 students) below the equivalent figure for 1996/97. In terms of total student numbers this is more than compensated for by the number of part-time students enrolled on the autumn census date rising by 4 per cent (4,164 students) between these dates. The large increase in part-time day students is particularly consistent and pronounced for those aged 21 and over. [Table 2.2 and Figure 2.1]



Over the years between 1993/94 and 1998/99 there was greater growth in the numbers of female students than male students. However, post 1995/96 the growth in male students was 11 per cent whereas that for female students was only 6 per cent. [Table 2.3]

### Participation Rates

Figures 2.2a and 2.2b show the contribution of UK further and higher education institutions to participation rates at a further education level, for all Welsh domiciled students. The maps are displayed at unitary authority level. Figure 2.2a shows the rates for students aged 18 and under and Figure 2.2b shows the rates for all other students. The participation rates are standardised according to the national average (taking into account each region's population profile by age and sex) and in the

figures they are displayed in five bands from very low to very high participation. It should be emphasised that the participation rates include only those students who are studying at further or higher education institutions and do not include the many under 19 year olds who attend school sixth forms or anyone undertaking education or training at further education level from other training providers.

**Figure 2.2a: Participation rates for Welsh domiciled, further education students, studying at FE and HE institutions in the UK 1998/99 (All students aged 18 and under)**

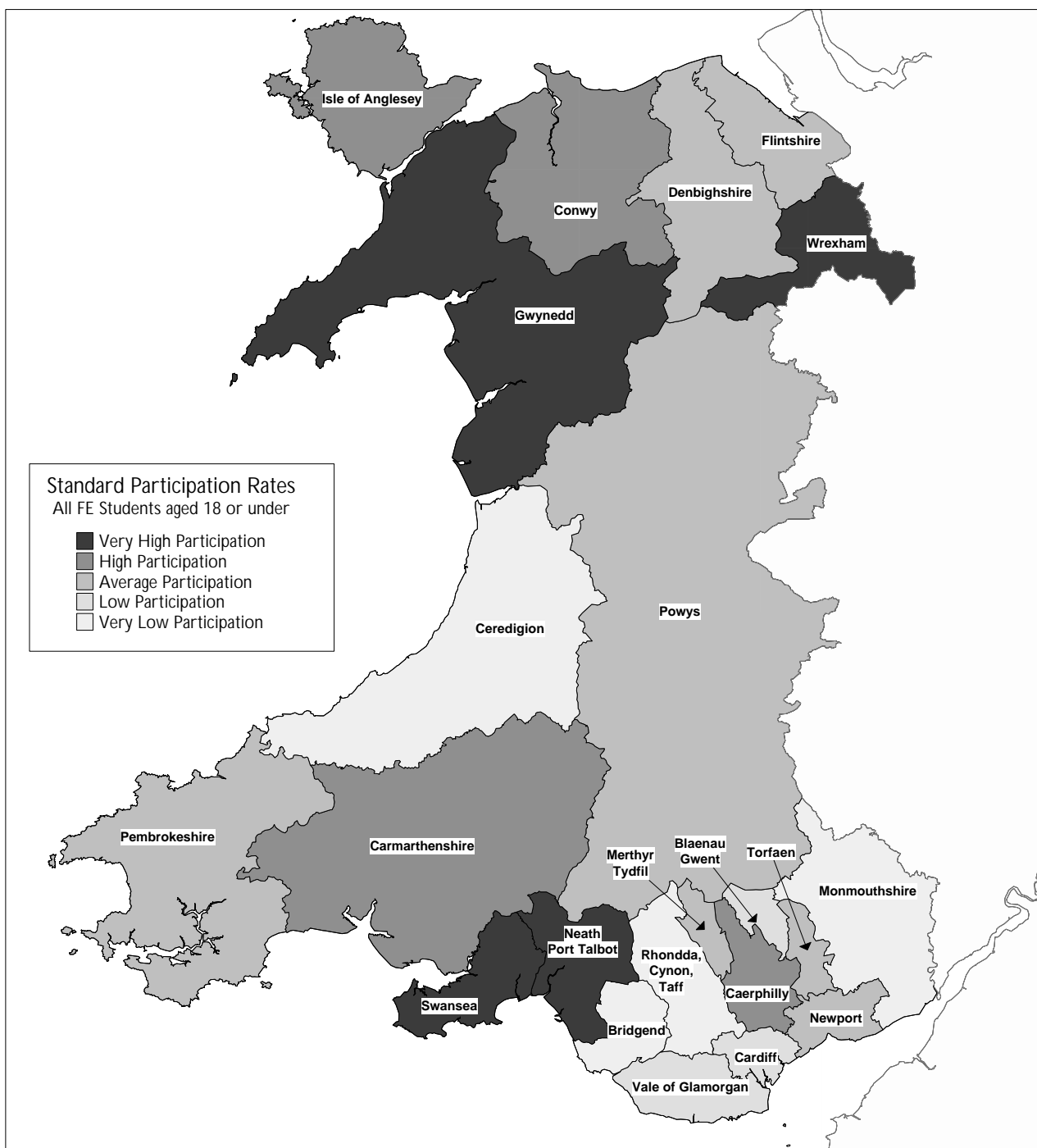
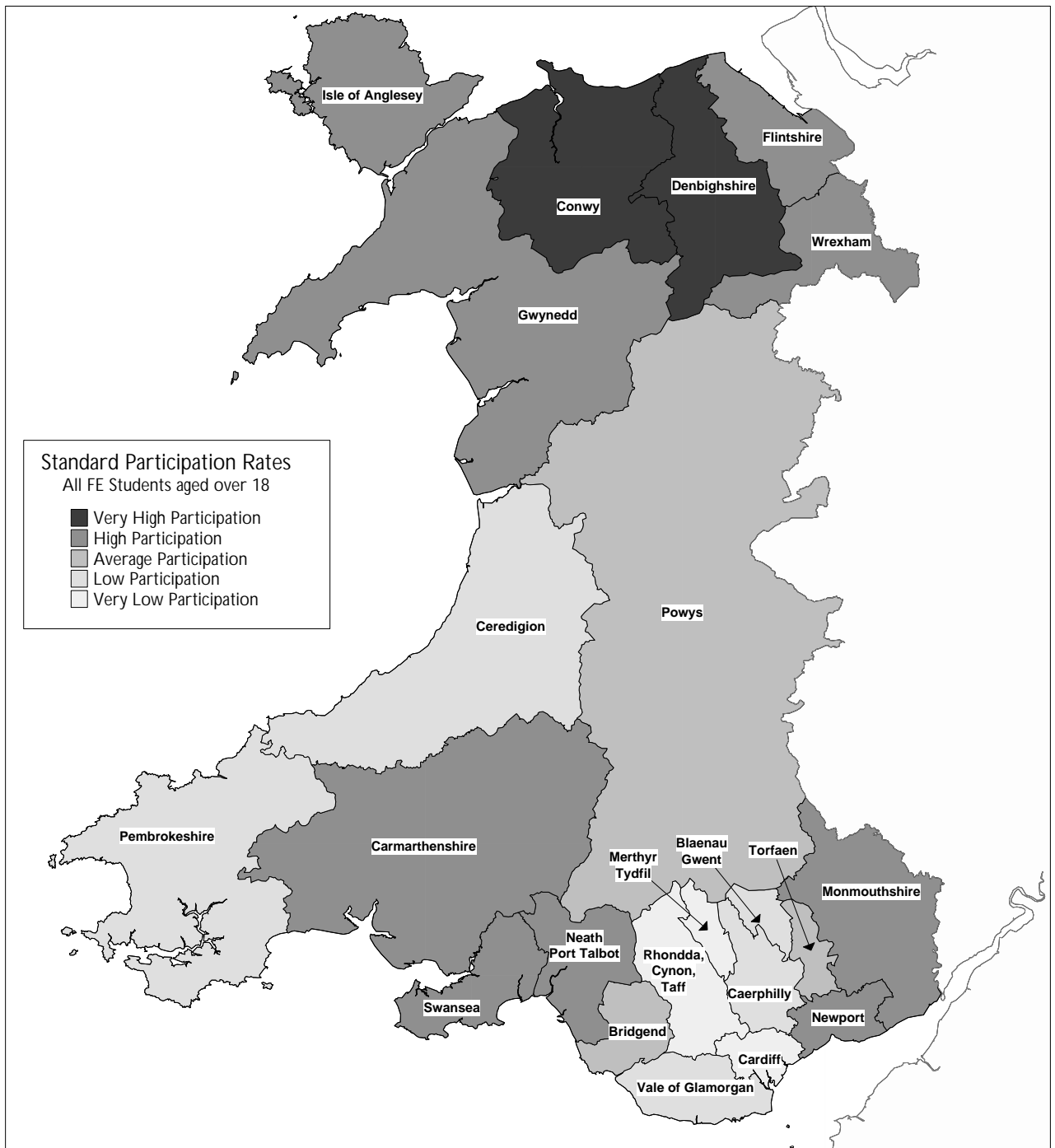


Figure 2.2a largely reflects the distribution of further education colleges which offered tertiary provision. Thus authorities such as Gwynedd, Wrexham, Neath Port Talbot and Swansea where school leavers standardly continue their studies at further education colleges rather than in school sixth forms all have high participation rates. In contrast, Ceredigion and Monmouthshire which both have a large number of students attending school sixth forms have low participation rates. A clearer picture of further education participation rates is gained from the adult participation rates in Figure 2.2b. Adult students make up over three quarters of the further education population at further and higher education institutions [Table 3.1], and the lowest rates of participation are from Cardiff, Merthyr Tydfil and Rhondda, Cynon, Taff, whereas the highest participation rates are found in Conwy and Denbighshire.

**Figure 2.2b: Participation rates for Welsh domiciled, further education students, studying at FE and HE institutions in the UK 1998/99 (All students aged over 18)**



## TRENDS AND PARTICIPATION RATES IN FURTHER EDUCATION

**Table 2.1: Trends in further education student numbers (at FE institutions and HE institutions) 1993/94 to 1998/99 by mode of attendance**

Mode of Attendance	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99
Full-time	34,583	36,030	38,232	39,361	38,434	37,995
Sandwich	874	748	492	520	227	101
Part-time Day	24,165	27,883	49,162	53,092	51,052	57,915
Other	33,229	35,845	47,999	50,748	50,281	50,089
<b>Total</b>	<b>92,851</b>	<b>100,506</b>	<b>135,885</b>	<b>143,721</b>	<b>139,994</b>	<b>146,100</b>

**Coverage** All further education and higher education institutions (includes WEAs and YMCA from 1995/96)  
Restricted to FE students enrolled in early December (November before 1995/96) of academic year (see Appendix A).

**Source** 1995/96, 1996/97, 1997/98 and 1998/99 ISR (Individualised Student Record) and HESA Student Record  
Welsh Office : 'Further & Higher Education and Training Statistics in Wales: 1996'  
(for 1993/94 and 1994/95) Table 2.10

**Table 2.2: Trends in further education student numbers (at FE institutions and HE institutions) 1993/94 to 1998/99 by mode of attendance and age**

	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99
<b>Full-time:</b>						
18 & under*	25,576	25,567	25,990	28,135	27,476	27,160
19-20	2,959	2,976	2,824	2,769	2,552	2,882
21+	5,948	7,355	9,234	8,374	8,346	7,919
All Ages	34,583	36,030	38,232	39,361	38,434	37,995
<b>Sandwich:</b>						
18 & under*	745	628	418	454	76	83
19-20	60	53	41	41	12	7
21+	68	66	33	25	138	11
All Ages	874	748	492	520	227	101
<b>Part-time Day:</b>						
18 & under*	5,612	5,251	6,487	7,128	8,064	7,160
19-20	2,505	2,322	2,707	2,690	2,788	3,183
21+	15,541	19,680	38,274	41,460	39,438	46,677
All Ages	24,165	27,883	49,162	53,092	51,052	57,915
<b>Other:</b>						
18 & under*	2,598	2,708	2,757	3,519	4,010	3,596
19-20	1,999	1,845	1,762	1,822	1,822	1,850
21+	27,538	30,175	41,747	44,133	43,438	43,985
All Ages	33,229	35,845	47,999	50,748	50,281	50,089
<b>All Students:</b>						
18 & under*	34,531	34,154	35,652	39,236	39,626	37,999
19-20	7,523	7,196	7,334	7,322	7,174	7,922
21+	49,095	57,276	89,288	93,992	91,360	98,592
All Ages	92,851	100,506	135,885	143,721	139,994	146,100

**Coverage** All further education and higher education institutions (includes WEAs and YMCA from 1995/96)  
Restricted to FE students enrolled in early December (November before 1995/96) of academic year (see Appendix A).

**Note** 'All Ages' totals include instances of unknown age.

**Source** 1995/96, 1996/97, 1997/98 and 1998/99 ISR (Individualised Student Record) and HESA Student Record  
Welsh Office : 'Further & Higher Education and Training Statistics in Wales: 1996'  
(for 1993/94 and 1994/95) Tables 2.11( \*'16-18' replaces '18 & under' which is used from 1995/96)

## TRENDS AND PARTICIPATION RATES IN FURTHER EDUCATION

**Table 2.3: Trends in further education student numbers (at FE institutions and HE institutions) 1993/94 to 1998/99 by mode of attendance and sex**

	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99
<b>Full-time:</b>						
Male	16,538	16,967	17,552	18,222	17,821	17,746
Female	18,045	19,063	20,653	21,139	20,613	20,249
All students	34,583	36,030	38,232	39,361	38,434	37,995
<b>Sandwich:</b>						
Male	638	549	342	352	104	56
Female	236	199	150	168	123	45
All students	874	748	492	520	227	101
<b>Part-time Day:</b>						
Male	12,345	12,757	19,095	21,209	21,106	22,859
Female	11,820	15,126	29,950	31,882	29,946	35,056
All students	24,165	27,883	49,162	53,092	51,052	57,915
<b>Other:</b>						
Male	11,920	12,857	16,395	18,369	18,816	18,535
Female	21,309	22,988	31,442	32,379	31,465	31,554
All students	33,229	35,845	47,999	50,748	50,281	50,089
<b>All Students:</b>						
Male	41,441	43,130	53,384	58,152	57,847	59,196
Female	51,410	57,376	82,195	85,568	82,147	86,904
All students	92,851	100,506	135,885	143,721	139,994	146,100

**Coverage** All further education and higher education institutions (includes WEAs and YMCA from 1995/96)  
Restricted to FE students enrolled in early December (November before 1995/96) of academic year (see Appendix A).

**Notes** 'All students' totals include instances of unknown sex in some historical years.

**Source** 1995/96, 1996/97, 1997/98 and 1998/99 ISR (Individualised Student Record)  
1995/96, 1996/97, 1997/98 and 1998/99 HESA Student Record  
Welsh Office : 'Further & Higher Education and Training Statistics in Wales: 1996'  
(for 1993/94 and 1994/95) Table 2.12

## TRENDS AND PARTICIPATION RATES IN FURTHER EDUCATION

**Table 2.4: Further education students (at FE institutions and HE institutions) by mode of attendance, age and sex 1998/99**

	Age at 31 August 1998			
	Under 16	16-18	19-20	21-24
<b>Male:</b>				
Full-time and Sandwich	275	13,215	1,535	860
Part-time/ Other	1,040	5,222	2,690	3,217
<b>Total</b>	<b>1,315</b>	<b>18,437</b>	<b>4,225</b>	<b>4,077</b>
<b>Female:</b>				
Full-time and Sandwich	204	13,549	1,354	989
Part-time/ Other	887	3,607	2,343	5,108
<b>Total</b>	<b>1,091</b>	<b>17,156</b>	<b>3,697</b>	<b>6,097</b>
<b>All Students:</b>				
Full-time and Sandwich	479	26,764	2,889	1,849
Part-time/ Other	1,927	8,829	5,033	8,325
<b>Total</b>	<b>2,406</b>	<b>35,593</b>	<b>7,922</b>	<b>10,174</b>

	Age at 31 August 1998			
	25-39	40-59	60+	Total
<b>Male:</b>				
Full-Time and Sandwich	1,226	573	102	17,802
Part-time / Other	13,355	11,159	4,116	41,394
<b>Total</b>	<b>14,581</b>	<b>11,732</b>	<b>4,218</b>	<b>59,196</b>
<b>Female:</b>				
Full-Time and Sandwich	2,988	1,129	63	20,294
Part-time / Other	25,619	21,742	6,346	66,610
<b>Total</b>	<b>28,607</b>	<b>22,871</b>	<b>6,409</b>	<b>86,904</b>
<b>All Students:</b>				
Full-Time and Sandwich	4,214	1,702	165	38,096
Part-time / Other	38,974	32,901	10,462	108,004
<b>Total</b>	<b>43,188</b>	<b>34,603</b>	<b>10,627</b>	<b>146,100</b>

**Coverage** All further education and higher education institutions.  
Restricted to FE students enrolled in early December of academic year 1998/99 (see Appendix A).

**Notes** Total column includes instances of unknown age.

**Source** 1998/99 ISR (Individualised Student Record)  
1998/99 HESA Student Record



### SECTION 3 : FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS

There were 202,311 further education students enrolled at further education institutions during 1998/99. 58 per cent of these were female. Although the majority of students (78 per cent) were adults (ie aged over 18), this was largely a reflection of the predominance of adult part-timers. Only 31 per cent of full-time students were over the age of 18 with considerably more adult women than men studying on a full-time or sandwich basis. [Table 3.1]

The retention rate statistics indicate that 82 per cent of all students enrolled during 1998/99 were continuing their studies, or had completed their programme of study, by the end of the academic year. Of the students who were not continuing their study into the next academic year, 78 per cent were known to have completed their study. There were only small differences between male and female students in respect of either retention or completion rates. However, the retention and completion rates for part-time students (83 and 80 per cent respectively) exceeded those for full-time students (78 and 69 per cent respectively). [Tables 3.2a and 3.2b and Figure 3.1]

Nearly all students were domiciled in Wales. Of those with a known country of domicile, 97 per cent were domiciled in Wales with most of the remainder living in England. The overseas countries with the largest numbers of students studying in Wales were the Republic of Ireland (155) and Germany (93). [Tables 3.3 and 3.4]

Students of white ethnic origin constituted the vast majority of further education students with 97.5 per cent of the students for whom ethnicity data were available being white. By way of comparison, the 1991 census showed that 98.5 per cent of the Welsh population were white. Of the ethnic minority students, the largest single ethnic group was that of Pakistanis (15 per cent) followed by Bangladeshis, Black Africans and Chinese who each represented 10 per cent. Overall, male and female students from ethnic minority groups were represented at a similar level, although female full-time students tended to be underrepresented compared with their male counterparts. This was particularly noticeable within the Bangladeshi, Pakistani and Black African student populations. [Table 3.5]

Of both full-time and part-time students for whom disability data had been recorded, approximately four per cent had some form of disability. Of this 4 per cent, just under 70 per cent were formally registered as disabled. [Table 3.6]

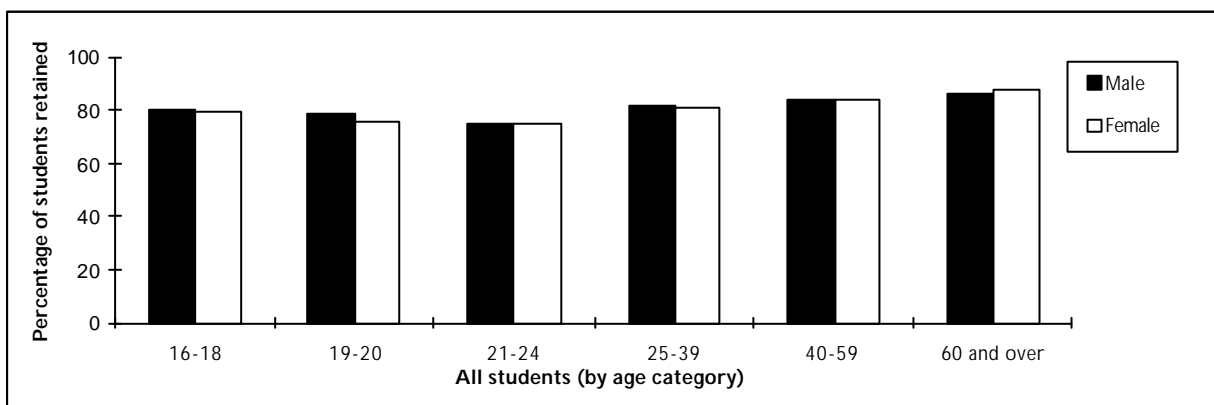
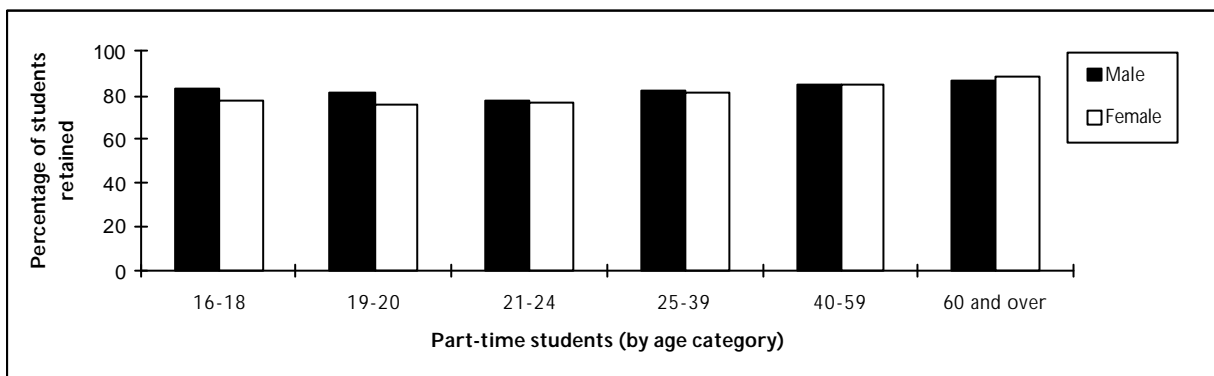
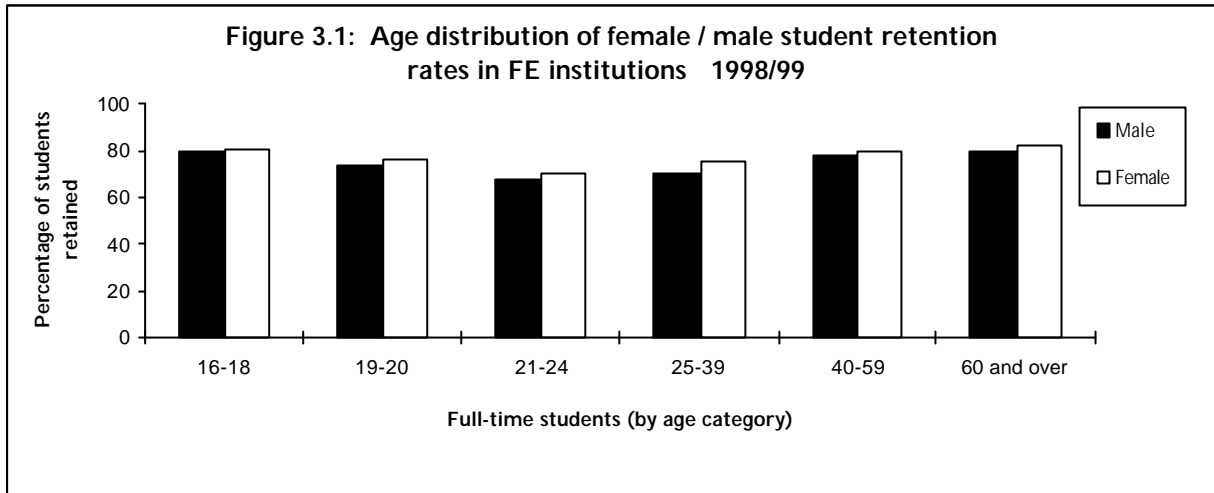
The vast majority of further education students in Welsh further education institutions were assessed through the medium of the English language, but just over one per cent of all students were assessed in Welsh. The relative proportion was higher for full-time students, of whom 3.5 per cent were assessed through the medium of Welsh. [Table 3.7]

Students may be funded in their studies by a large range of methods. Nearly a quarter (23 per cent) of all part-time students received some form of financial support in their studies from their employer or were released for study, and 6 per cent of all full-time students received similar financial support. [Table 3.8]

Thirty seven per cent of all further education students were living in areas within Wales considered to be significantly economically and socially deprived. To put this figure in context, approximately 40 per cent of the total Welsh population live within these deprived regions. [Table 3.9]

Students studied for a wide range of qualifications with many students aiming to achieve more than one type of qualification. In order to identify the numbers of students with different types of qualification aim, it is necessary to count some students more than once; for example, a student studying for both GCSEs and A levels would be included within the count of GCSE students and A level students. The total number of students with different types of qualification aim is 256,990 which is 27 per cent higher than the number of students. This suggests that about one quarter of all students took more than one type of qualification within the groupings used in this analysis. [Table 3.10]

Of the qualifications types listed separately in Table 3.10 and 3.11, students aged 18 and under took GNVQs, GCSEs and A/AS levels much more frequently than adults; whereas significantly more adults than younger students studied for OCN credits. Proportionally more men than women enrolled on GNVQs and NVQs, whereas OCN credits, GCSEs and A/AS Levels were more popular with the women. [Tables 3.10 and 3.11]



## FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS

**Table 3.1: Students enrolled by sex, age group and mode of attendance 1998/99**

**Full-time / sandwich students**

Age Group	Male		Female		Total	
	Number	Percentage	Number	Percentage	Number	Percentage
Under 16	344	2	266	1	610	1
16-18	14,077	72	14,324	64	28,401	68
19-20	1,656	8	1,485	7	3,141	8
21-24	1,023	5	1,174	5	2,197	5
25-39	1,531	8	3,507	16	5,038	12
40-59	743	4	1,366	6	2,109	5
60+	120	1	89	0	209	1
<b>Total</b>	<b>19,518</b>		<b>22,234</b>		<b>41,752</b>	

**Part-time / other students**

Age Group	Male		Female		Total	
	Number	Percentage	Number	Percentage	Number	Percentage
Under 16	1,711	3	1,542	2	3,253	2
16-18	7,509	12	5,628	6	13,137	8
19-20	3,972	6	3,513	4	7,485	5
21-24	5,267	8	7,534	8	12,801	8
25-39	21,502	34	36,626	39	58,128	37
40-59	18,117	28	30,806	33	48,923	31
60+	5,650	9	8,044	9	13,694	9
<b>Total</b>	<b>65,291</b>		<b>95,268</b>		<b>160,559</b>	

**All students**

Age Group	Male		Female		Total	
	Number	Percentage	Number	Percentage	Number	Percentage
Under 16	2,055	2	1,808	2	3,863	2
16-18	21,586	26	19,952	17	41,538	21
19-20	5,628	7	4,998	4	10,626	5
21-24	6,290	8	8,708	8	14,998	8
25-39	23,033	28	40,133	35	63,166	32
40-59	18,860	23	32,172	28	51,032	26
60+	5,770	7	8,133	7	13,903	7
<b>Total</b>	<b>84,809</b>		<b>117,502</b>		<b>202,311</b>	

**Coverage** All further education students, however they are funded, in further education institutions.

**Notes**

- 1 Age as at 31 August 1998.
- 2 Instances of unknown age are excluded from individual age rows but included in the total. They can be assumed to be aged 25 or over.
- 3 Percentages are based on totals excluding age not known.

**Source** 1998/99 ISR (Individualised Student Record)

FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS

Table 3.2a: Student retention rates by sex, age group and mode of attendance 1998/99

Full-time / sandwich students

Age Group	Percentage Retained		
	Male	Female	Total
Under 16	76	80	77
16-18	79	81	80
19-20	74	76	75
21-24	67	71	69
25-39	70	75	74
40-59	78	80	79
60+	80	82	81
<b>Total</b>	<b>77</b>	<b>79</b>	<b>78</b>

Part-time / other students

Age Group	Percentage Retained		
	Male	Female	Total
Under 16	85	89	87
16-18	83	77	80
19-20	81	76	79
21-24	77	76	76
25-39	82	82	82
40-59	85	84	84
60+	87	88	87
<b>Total</b>	<b>83</b>	<b>82</b>	<b>83</b>

All students

Age Group	Percentage Retained		
	Male	Female	Total
Under 16	83	88	85
16-18	80	80	80
19-20	79	76	77
21-24	75	75	75
25-39	81	81	81
40-59	84	84	84
60+	86	88	87
<b>Total</b>	<b>82</b>	<b>82</b>	<b>82</b>

**Coverage** All further education students, however they are funded, at further education institutions.

- Notes**
- 1 Age as at 31 August 1998.
  - 2 Instances where the age is unknown are excluded from individual age rows but included in the total. They can be assumed to be aged 25 or over.
  - 3 Retention rates are calculated as a proportion of all students including those whose completion status is unknown.
  - 4 Students who are continuing, or have completed their programme of study, are counted as retained.

**Source** 1998/99 ISR (Individualised Student Record)

## FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS

**Table 3.2b: Student completion rates by sex, age group and mode of attendance 1998/99**

### Full-time / sandwich students

Age Group	Percentage Completed		
	Male	Female	Total
Under 16	71	74	72
16-18	67	70	69
19-20	67	70	68
21-24	60	65	63
25-39	64	69	68
40-59	72	75	74
60+	74	78	76
<b>Total</b>	<b>67</b>	<b>70</b>	<b>69</b>

### Part-time / other students

Age Group	Percentage Completed		
	Male	Female	Total
Under 16	82	88	85
16-18	77	73	75
19-20	78	73	75
21-24	74	74	74
25-39	80	79	80
40-59	83	82	83
60+	85	87	86
<b>Total</b>	<b>81</b>	<b>80</b>	<b>80</b>

### All students

Age Group	Percentage Completed		
	Male	Female	Total
Under 16	80	86	83
16-18	71	71	71
19-20	75	72	73
21-24	72	73	72
25-39	79	78	79
40-59	83	82	82
60+	85	87	86
<b>Total</b>	<b>78</b>	<b>79</b>	<b>78</b>

**Coverage** All further education students, however they are funded, at further education institutions.

**Notes**

- 1 Age as at 31 August 1998.
- 2 Instances where the age is unknown are excluded from individual age rows but included in the total. They can be assumed to be aged 25 or over.
- 3 Completion rates are calculated as a proportion of all students who complete or withdraw including those whose completion status is unknown.
- 4 Students who have completed their programme of study are counted as completed.

**Source** 1998/99 ISR (Individualised Student Record)

## FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS

**Table 3.3: Students by country of domicile, mode of attendance and sex 1998/99**

**Full-time / sandwich students**

Country of Domicile	Male	Female	Total
Wales	18,346	21,154	39,500
England	500	559	1,059
Scotland	2	2	4
Northern Ireland	6	6	12
UK not known	600	456	1,056
CI and IOM	0	0	0
Other EU	10	16	26
Other overseas	16	20	36
Not known	38	21	59
<b>Total</b>	<b>19,518</b>	<b>22,234</b>	<b>41,752</b>

**Part-time / other students**

Country of Domicile	Male	Female	Total
Wales	61,782	92,145	153,927
England	1,974	1,830	3,804
Scotland	21	13	34
Northern Ireland	51	5	56
UK not known	511	456	967
CI and IOM	4	5	9
Other EU	200	197	397
Other overseas	37	28	65
Not known	711	589	1,300
<b>Total</b>	<b>65,291</b>	<b>95,268</b>	<b>160,559</b>

**All students**

Country of Domicile	Male	Female	Total
Wales	80,128	113,299	193,427
England	2,474	2,389	4,863
Scotland	23	15	38
Northern Ireland	57	11	68
UK not known	1,111	912	2,023
CI and IOM	4	5	9
Other EU	210	213	423
Other overseas	53	48	101
Not known	749	610	1,359
<b>Total</b>	<b>84,809</b>	<b>117,502</b>	<b>202,311</b>

**Coverage** All further education students, however they are funded, in further education institutions

**Notes** EU=European Union; CI=Channel Islands; IOM=Isle of Man

**Source** 1998/99 ISR (Individualised Student Record)

## FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS

**Table 3.4: Students from abroad by country of origin 1998/99**

Country of Origin	Total
Ireland	155
Germany	93
Spain	84
Italy	38
Japan	30
France	27
Malaysia	14
Turkey	12
Kyrgyzstan	10
Greece	9
Norway	7
Other Countries	45
<b>Total</b>	<b>524</b>

**Coverage** All overseas further education students at further education institutions

**Note** 'Other Countries' includes instances where the country of origin is not known and countries with fewer than 5 students.

**Source** 1998/99 ISR (Individualised Student Record)

## FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS

**Table 3.5: Students by ethnicity, mode of attendance and sex 1998/99**

**Full-time / sandwich students**

<b>Ethnicity</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
White	18,144	20,823	38,967
Black Caribbean	35	38	73
Black African	85	47	132
Black Other	47	64	111
Indian	58	52	110
Pakistani	141	83	224
Bangladeshi	87	55	142
Chinese	53	62	115
Other - Asian	68	78	146
Other	89	90	179
Information refused	38	68	106
Not known	673	774	1,447
<b>Total</b>	<b>19,518</b>	<b>22,234</b>	<b>41,752</b>

**Part-time / other students**

<b>Ethnicity</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
White	59,800	88,402	148,202
Black Caribbean	80	108	188
Black African	138	189	327
Black Other	57	100	157
Indian	111	210	321
Pakistani	134	308	442
Bangladeshi	142	179	321
Chinese	114	210	324
Other - Asian	162	314	476
Other	327	416	743
Information refused	300	479	779
Not known	3,926	4,353	8,279
<b>Total</b>	<b>65,291</b>	<b>95,268</b>	<b>160,559</b>

**All students**

<b>Ethnicity</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
White	77,944	109,225	187,169
Black Caribbean	115	146	261
Black African	223	236	459
Black Other	104	164	268
Indian	169	262	431
Pakistani	275	391	666
Bangladeshi	229	234	463
Chinese	167	272	439
Other - Asian	230	392	622
Other	416	506	922
Information refused	338	547	885
Not known	4,599	5,127	9,726
<b>Total</b>	<b>84,809</b>	<b>117,502</b>	<b>202,311</b>

**Coverage**

All further education students, however they are funded, in further education institutions

**Source**

1998/99 ISR (Individualised Student Record)



## FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS

**Table 3.6: Students by disability status, mode of attendance and sex 1998/99**

**Full-time / sandwich students**

Disability Status	Male	Female	Total
No disability	18,220	21,079	39,299
Disability registered	517	423	940
Disability not registered	364	313	677
Information not yet sought	417	419	836
<b>Total</b>	<b>19,518</b>	<b>22,234</b>	<b>41,752</b>

**Part-time / other students**

Disability Status	Male	Female	Total
No disability	57,382	82,969	140,351
Disability registered	1,867	2,073	3,940
Disability not registered	739	884	1,623
Information not yet sought	3,232	4,029	7,261
<b>Total</b>	<b>63,220</b>	<b>89,955</b>	<b>153,175</b>

**All students**

Disability Status	Male	Female	Total
No disability	75,602	104,048	179,650
Disability registered	2,384	2,496	4,880
Disability not registered	1,103	1,197	2,300
Information not yet sought	3,649	4,448	8,097
<b>Total</b>	<b>82,738</b>	<b>112,189</b>	<b>194,927</b>

**Coverage** All further education students, however they are funded, in further education institutions (excluding students entered solely on the short ISR, for whom disability data is not requested)

**Source** 1998/99 ISR (Individualised Student Record)

## FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS

**Table 3.7: Students assessed through the medium of Welsh by sex, age group and mode of attendance 1998/99**

### Full-time / sandwich students

Age Group	Male		Female		Total	
	Number	Percentage	Number	Percentage	Number	Percentage
Under 16	7	1	7	1	14	1
16-18	526	82	645	80	1,171	81
19-20	23	4	36	4	59	4
21-24	25	4	25	3	50	3
25-39	44	7	69	9	113	8
40-59	13	2	24	3	37	3
60+	1	0	3	0	4	0
<b>Total</b>	<b>639</b>		<b>809</b>		<b>1,448</b>	

### Part-time / other students

Age Group	Male		Female		Total	
	Number	Percentage	Number	Percentage	Number	Percentage
Under 16	1	0	5	1	6	1
16-18	122	27	27	5	149	15
19-20	45	10	14	2	59	6
21-24	24	5	29	5	53	5
25-39	140	31	261	46	401	39
40-59	92	20	186	33	278	27
60+	27	6	46	8	73	7
<b>Total</b>	<b>487</b>		<b>584</b>		<b>1,071</b>	

### All students

Age Group	Male		Female		Total	
	Number	Percentage	Number	Percentage	Number	Percentage
Under 16	8	1	12	1	20	1
16-18	648	59	672	49	1,320	54
19-20	68	6	50	4	118	5
21-24	49	4	54	4	103	4
25-39	184	17	330	24	514	21
40-59	105	10	210	15	315	13
60+	28	3	49	4	77	3
<b>Total</b>	<b>1,126</b>		<b>1,393</b>		<b>2,519</b>	

**Coverage** All further education students assessed through the medium of Welsh, however they are funded, in further education institutions.

**Notes**  
 1 Age as at 31 August 1998.  
 2 Instances of unknown age are excluded from individual age rows but included in the total. They can be assumed to be aged 25 or over.  
 3 Percentages are based on totals excluding age not known.

**Source** 1998/99 ISR (Individualised Student Record)

## FURTHER EDUCATION AT FURTHER EDUCATION INSTITUTIONS

**Table 3.8: Students supported by employers by sex, age group and mode of attendance 1998/99**

**Full-time / sandwich students**

Age Group	Male		Female		Total	
	Number	Percentage	Number	Percentage	Number	Percentage
Under 16	19	1	14	1	33	1
16-18	889	69	542	49	1,431	60
19-20	134	10	83	8	217	9
21-24	70	5	84	8	154	6
25-39	104	8	269	24	373	16
40-59	54	4	100	9	154	6
60+	12	1	6	1	18	1
<b>Total</b>	<b>1,285</b>		<b>1,098</b>		<b>2,383</b>	

**Part-time / other students**

Age Group	Male		Female		Total	
	Number	Percentage	Number	Percentage	Number	Percentage
Under 16	84	0	101	1	185	1
16-18	3,450	19	1,097	6	4,547	13
19-20	1,909	10	820	5	2,729	8
21-24	1,744	9	1,504	9	3,248	9
25-39	6,693	36	7,492	43	14,185	40
40-59	4,370	23	5,913	34	10,283	29
60+	367	2	329	2	696	2
<b>Total</b>	<b>18,954</b>		<b>17,444</b>		<b>36,398</b>	

**All students**

Age Group	Male		Female		Total	
	Number	Percentage	Number	Percentage	Number	Percentage
Under 16	103	1	115	1	218	1
16-18	4,339	22	1,639	9	5,978	16
19-20	2,043	10	903	5	2,946	8
21-24	1,814	9	1,588	9	3,402	9
25-39	6,797	34	7,761	42	14,558	38
40-59	4,424	22	6,013	33	10,437	27
60+	379	2	335	2	714	2
<b>Total</b>	<b>20,239</b>		<b>18,542</b>		<b>38,781</b>	

**Coverage** All further education students supported by employers in further education institutions.

- Notes**
- 1 Age as at 31 August 1998.
  - 2 Instances of unknown age are excluded from individual age rows but included in the total. They can be assumed to be aged 25 or over.
  - 3 Percentages are based on totals excluding age not known.

**Source** 1998/99 ISR (Individualised Student Record)

## FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS

**Table 3.9: Students within each deprivation index category by sex, age group and mode of attendance 1998/99**

### Full-time / sandwich students

Deprivation Index Category	Male	Female	Under 18	19+	Total
Band 1	3,172	3,507	4,738	1,941	6,678
Band 2	1,620	1,916	2,427	1,109	3,536
Band 3	3,090	3,578	4,489	2,178	6,667
<b>Total</b>	<b>7,881</b>	<b>9,001</b>	<b>11,654</b>	<b>5,228</b>	<b>16,882</b>

### Part-time / other students

Deprivation Index Category	Male	Female	Under 18	19+	Total
Band 1	9,553	13,502	2,228	20,827	23,055
Band 2	5,034	6,988	1,189	10,833	12,022
Band 3	9,199	13,344	2,568	19,975	22,543
<b>Total</b>	<b>23,786</b>	<b>33,834</b>	<b>5,985</b>	<b>51,636</b>	<b>57,620</b>

### All students

Deprivation Index Category	Male	Female	Under 18	19+	Total
Band 1	12,724	17,009	6,965	22,768	29,733
Band 2	6,654	8,904	3,616	11,942	15,558
Band 3	12,289	16,921	7,057	22,153	29,210
<b>Total</b>	<b>31,667</b>	<b>42,835</b>	<b>17,639</b>	<b>56,863</b>	<b>74,502</b>

### Coverage

All further education students from deprived areas, however they are funded, in further education institutions.

### Notes

1. Age as at 31 August 1998. Students who have not supplied their date of birth are assumed to be over 18.
2. Electoral wards in bands 1, 2 and 3 qualify for the widening participation factor in funding; band 1 being the least deprived and band 3 the most. Not all the students represented above are individually eligible for funding.

### Source

1998/99 ISR (Individualised Student Record)

## FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS

**Table 3.10: Students by qualification type, mode of attendance and age group 1998/99**

**Full-time / sandwich students**

Qualification Type or Level	Students with Qualification Aims		
	18 and under	19+	Total
GNVQ Foundation	1,264	324	1,588
NVQ Level 1	1,857	742	2,599
GCSE	5,897	1,199	7,096
GNVQ Intermediate / BTEC First	3,717	672	4,389
NVQ Level 2	4,643	2,304	6,947
GCE A/AS Level	7,268	894	8,162
GNVQ Advanced / BTEC National	10,138	2,431	12,569
NVQ Level 3	1,367	970	2,337
OCN Units	6,118	2,451	8,569
SLDD Course	839	662	1,501
Other	15,916	8,294	24,210
<b>Total</b>	<b>59,024</b>	<b>20,943</b>	<b>79,967</b>

**Part-time / other students**

Qualification Type or Level	Students with Qualification Aims		
	18 and under	19+	Total
GNVQ Foundation	118	328	446
NVQ Level 1	1,059	2,374	3,433
GCSE	1,944	5,979	7,923
GNVQ Intermediate / BTEC First	270	207	477
NVQ Level 2	2,815	10,342	13,157
GCE A/AS Level	1,382	3,609	4,991
GNVQ Advanced / BTEC National	1,021	2,355	3,376
NVQ Level 3	1,134	6,932	8,066
OCN Units	1,399	31,215	32,614
SLDD Course	224	2,512	2,736
Other	8,023	91,781	99,804
<b>Total</b>	<b>19,389</b>	<b>157,634</b>	<b>177,023</b>

**All students**

Qualification Type or Level	Students with Qualification Aims		
	18 and under	19+	Total
GNVQ Foundation	1,382	652	2,034
NVQ Level 1	2,916	3,116	6,032
GCSE	7,841	7,178	15,019
GNVQ Intermediate / BTEC First	3,987	879	4,866
NVQ Level 2	7,458	12,646	20,104
GCE A/AS Level	8,650	4,503	13,153
GNVQ Advanced / BTEC National	11,159	4,786	15,945
NVQ Level 3	2,501	7,902	10,403
OCN Units	7,517	33,666	41,183
SLDD Course	1,063	3,174	4,237
Other	23,939	100,075	124,014
<b>Total</b>	<b>78,413</b>	<b>178,577</b>	<b>256,990</b>

**Coverage** All further education students, however they are funded, in further education institutions.

**Notes** 1 Age as at 31 August 1998. Students who have not supplied their age are assumed to be over 18.  
2 Each student is counted once for each qualification type but the student may be included in the count of more than one qualification type.

**Source** 1998/99 ISR (Individualised Student Record)

## FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS

**Table 3.11: Students by qualification type, mode of attendance and sex 1998/99**

**Full-time / sandwich students**

Qualification Type or Level	Students with Qualification Aims		
	Male	Female	Total
GNVQ Foundation	877	711	1,588
NVQ Level 1	1,478	1,121	2,599
GCSE	3,321	3,775	7,096
GNVQ Intermediate / BTEC First	2,499	1,890	4,389
NVQ Level 2	3,762	3,185	6,947
GCE A/AS Level	3,515	4,647	8,162
GNVQ Advanced / BTEC National	6,550	6,019	12,569
NVQ Level 3	1,018	1,319	2,337
OCN Units	3,789	4,780	8,569
SLDD Course	849	652	1,501
Other	10,046	14,164	24,210
<b>Total</b>	<b>37,704</b>	<b>42,263</b>	<b>79,967</b>

**Part-time / other students**

Qualification Type or Level	Students with Qualification Aims		
	Male	Female	Total
GNVQ Foundation	187	259	446
NVQ Level 1	1,676	1,757	3,433
GCSE	2,702	5,221	7,923
GNVQ Intermediate / BTEC First	322	155	477
NVQ Level 2	6,909	6,248	13,157
GCE A/AS Level	1,676	3,315	4,991
GNVQ Advanced / BTEC National	2,349	1,027	3,376
NVQ Level 3	3,889	4,177	8,066
OCN Units	10,115	22,499	32,614
SLDD Course	1,180	1,556	2,736
Other	40,697	59,107	99,804
<b>Total</b>	<b>71,702</b>	<b>105,321</b>	<b>177,023</b>

**All students**

Qualification Type or Level	Students with Qualification Aims		
	Male	Female	Total
GNVQ Foundation	1,064	970	2,034
NVQ Level 1	3,154	2,878	6,032
GCSE	6,023	8,996	15,019
GNVQ Intermediate / BTEC First	2,821	2,045	4,866
NVQ Level 2	10,671	9,433	20,104
GCE A/AS Level	5,191	7,962	13,153
GNVQ Advanced / BTEC National	8,899	7,046	15,945
NVQ Level 3	4,907	5,496	10,403
OCN Units	13,904	27,279	41,183
SLDD Course	2,029	2,208	4,237
Other	50,743	73,271	124,014
<b>Total</b>	<b>109,406</b>	<b>147,584</b>	<b>256,990</b>

**Coverage** All further education students, however they are funded, in further education institutions.

**Notes** Each student is counted once for each qualification type but the student may be included in the count of more than one qualification type.

**Source** 1998/99 ISR (Individualised Student Record)

## **SECTION 4 : THE QUALIFICATION AIMS OF FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS**

### **Subjects Studied**

The 202,311 further education students studied for 391,912 further education qualifications (including non-examination programmes) during 1998/99. Of these, 158,888 (41 per cent) were taken on a full-time or sandwich basis. Within these figures each GCE/GCSE is counted as a separate qualification with each assigned to the relevant subject of study area. The most popular qualifications were in the subject areas of Information Technology (IT), Care and Business and Management. Also popular were part-time qualifications in Cultural Studies, and the areas of Health and Science/Maths attracted high numbers of full-time enrolments. The patterns of enrolments by subject areas for male and female students show some significant differences. Nearly half (48 per cent) of all female students were studying for a qualification in Care, Health, Business and Management or Arts and Crafts, but only 25 per cent of all male students were studying within these subject areas. However, male students significantly outnumbered females in certain subject areas such as Engineering and the Built Environment. [Tables 4.1 and 4.2]

### **Programme Areas**

The Further Education Funding Council for Wales (FEFCW) programme areas are groupings based broadly on the subject of study but they also reflect the relative costs of teaching programmes and the purpose of some of the qualifications (eg, Access to Higher Education, General Education). An analysis by programme area provides a different perspective on what is studied in further education institutions from that provided by the subject of study analysis given above. Of all fundable qualifications, 13 per cent were GCSEs or A or AS levels (classified as General Education) and a further 16 per cent were other General Education qualifications including Welsh for Adults provision. [Table 4.3]

### **Types of Qualifications**

The types of qualification aims varied considerably with the age of student and the mode of attendance but there were only small differences between those taken by males and females with the exception of OCN units which were significantly more popular with female students. For students under the age of 19, the predominant qualification types were A or AS levels (16 per cent), Advanced GNVQs (14 per cent) and GCSEs (9 per cent). GNVQs, A/AS levels and GCSEs were not as popular with adults as they were in the younger age group, but considerably more adults (19 per cent) than younger students were studying for OCNs. [Tables 4.4 and 4.5]

### **Retention and Completion Rates**

Overall, 81 per cent of student qualification aims were either continuing at the end of the year or had been completed during the 1998/99 academic year. Of the students who were not continuing with their qualification aim into the next academic year, 79 per cent were known to have completed their study. Completion rates were generally similar for part-time and full-time qualifications with the noticeable exception of enrolments on A or AS Level courses which had much lower completion rates when studied part-time. The highest completion rates were in OCNs and SLDD courses, and the worst rates were in GNVQ foundation courses and GCSEs. There were no clear patterns of differences in completion rates by student age or sex. [Tables 4.6a and 4.6b]

**THE QUALIFICATION AIMS OF FURTHER EDUCATION STUDENTS  
AT FURTHER EDUCATION INSTITUTIONS**

**Table 4.1a: Student qualification aims by economic forum, subject of study and mode of attendance: Full-time / sandwich students 1998/99**

Subject of Study	ECONOMIC FORUM			
	South Wales Economic Forum		South West Wales Economic Forum	
	Number	%	Number	%
Business and Management	10,943	17	4,734	12
Sales/Marketing	352	1	58	0
IT	6,397	10	3,957	10
Humanities	2,277	4	1,715	4
Social Sciences	1,673	3	1,092	3
Cultural Studies	4,079	6	2,553	6
Education	100	0	973	2
Care	10,367	16	4,166	10
Arts and Crafts	1,824	3	1,540	4
Media	2,036	3	2,266	6
Performing Arts	818	1	938	2
Sports	1,620	3	2,099	5
Hotel and Catering	3,358	5	2,442	6
Health	5,591	9	3,446	8
Environment	154	0	347	1
Science/Maths	5,837	9	4,506	11
Agriculture	823	1	613	1
Built Environment	1,532	2	796	2
Services to Industry	131	0	156	0
Manufacturing	945	1	661	2
Engineering	2,175	3	1,898	5
Mining/Chemicals	40	0	15	0
Transport	455	1	56	0
Not Specified	4	-	82	-
<b>Total</b>	<b>63,531</b>		<b>41,109</b>	

Subject of Study	ECONOMIC FORUM				Total	
	Mid Wales Partnership		North Wales Economic Forum		Number	%
	Number	%	Number	%		
Business and Management	1,902	15	2,349	6	19,928	13
Sales/Marketing	28	0	67	0	505	0
IT	1,109	9	5,772	14	17,235	11
Humanities	549	4	519	1	5,060	3
Social Sciences	102	1	915	2	3,782	2
Cultural Studies	533	4	2,987	7	10,152	6
Education	479	4	1,897	5	3,449	2
Care	3,229	25	6,655	16	24,417	15
Arts and Crafts	394	3	2,250	5	6,008	4
Media	357	3	2,192	5	6,851	4
Performing Arts	189	1	462	1	2,407	2
Sports	287	2	758	2	4,764	3
Hotel and Catering	1,194	9	1,876	5	8,870	6
Health	971	7	3,346	8	13,354	8
Environment	19	0	110	0	630	0
Science/Maths	655	5	4,364	11	15,362	10
Agriculture	289	2	787	2	2,512	2
Built Environment	102	1	1,056	3	3,486	2
Services to Industry	49	0	224	1	560	0
Manufacturing	81	1	79	0	1,766	1
Engineering	389	3	1,652	4	6,114	4
Mining/Chemicals	14	0	0	0	69	0
Transport	34	0	948	2	1,493	1
Not Specified	0	-	28	-	114	-
<b>Total</b>	<b>12,955</b>		<b>41,293</b>		<b>158,888</b>	

**Coverage** All qualification aims of further education students in further education institutions

**Note** 1 Percentages are calculated as a proportion of the total excluding subject not specified.  
2 Subjects of study are based on the first letter of Superclass II codes.

**Source** 1998/99 ISR (Individualised Student Record)



**THE QUALIFICATION AIMS OF FURTHER EDUCATION STUDENTS  
AT FURTHER EDUCATION INSTITUTIONS**

**Table 4.1b: Student qualification aims by economic forum, subject of study and mode of attendance: Part-time / other students 1998/99**

Subject of Study	ECONOMIC FORUM			
	South Wales Economic Forum		South West Wales Economic Forum	
	Number	%	Number	%
Business and Management	12,225	13	8,032	14
Sales/Marketing	617	1	898	2
IT	15,715	16	9,718	17
Humanities	1,175	1	2,970	5
Social Sciences	1,413	1	417	1
Cultural Studies	14,568	15	5,293	9
Education	2,677	3	1,649	3
Care	14,471	15	4,865	8
Arts and Crafts	6,935	7	1,986	3
Media	1,532	2	1,013	2
Performing Arts	477	0	606	1
Sports	604	1	913	2
Hotel and Catering	2,445	3	4,059	7
Health	6,064	6	4,626	8
Environment	47	0	74	0
Science/Maths	2,767	3	2,086	4
Agriculture	1,265	1	857	1
Built Environment	2,901	3	1,894	3
Services to Industry	1,527	2	576	1
Manufacturing	670	1	2,123	4
Engineering	4,973	5	2,379	4
Mining/Chemicals	523	1	34	0
Transport	1,544	2	373	1
Not Specified	14	-	137	-
<b>Total</b>	<b>97,149</b>		<b>57,578</b>	

Subject of Study	ECONOMIC FORUM				Total	
	Mid Wales Partnership		North Wales Economic Forum		Number	%
	Number	%	Number	%		
Business and Management	2,207	15	5,014	8	27,478	12
Sales/Marketing	10	0	1,520	2	3,045	1
IT	2,705	18	12,255	19	40,393	17
Humanities	183	1	518	1	4,846	2
Social Sciences	162	1	619	1	2,611	1
Cultural Studies	2,824	19	5,935	9	28,620	12
Education	334	2	2,668	4	7,328	3
Care	1,651	11	7,950	13	28,937	12
Arts and Crafts	615	4	4,350	7	13,886	6
Media	242	2	1,042	2	3,829	2
Performing Arts	8	0	406	1	1,497	1
Sports	39	0	440	1	1,996	1
Hotel and Catering	724	5	4,236	7	11,464	5
Health	690	5	4,855	8	16,235	7
Environment	63	0	246	0	430	0
Science/Maths	192	1	1,404	2	6,449	3
Agriculture	1,178	8	3,084	5	6,384	3
Built Environment	448	3	2,234	4	7,477	3
Services to Industry	33	0	383	1	2,519	1
Manufacturing	136	1	678	1	3,607	2
Engineering	524	3	2,487	4	10,363	4
Mining/Chemicals	0	0	44	0	601	0
Transport	190	1	755	1	2,862	1
Not Specified	0	-	16	-	167	-
<b>Total</b>	<b>15,158</b>		<b>63,139</b>		<b>233,024</b>	

**Coverage** All qualification aims of further education students in further education institutions

**Note** 1 Percentages are calculated as a proportion of the total excluding subject not specified.  
2 Subjects of study are based on the first letter of Superclass II codes.

**Source** 1998/99 ISR (Individualised Student Record)

**THE QUALIFICATION AIMS OF FURTHER EDUCATION STUDENTS  
AT FURTHER EDUCATION INSTITUTIONS**

**Table 4.1c: Student qualification aims by economic forum, subject of study and mode of attendance: All students 1998/99**

Subject of Study	ECONOMIC FORUM			
	South Wales Economic Forum		South West Wales Economic Forum	
	Number	%	Number	%
Business and Management	23,168	14	12,766	13
Sales/Marketing	969	1	956	1
IT	22,112	14	13,675	14
Humanities	3,452	2	4,685	5
Social Sciences	3,086	2	1,509	2
Cultural Studies	18,647	12	7,846	8
Education	2,777	2	2,622	3
Care	24,838	15	9,031	9
Arts and Crafts	8,759	5	3,526	4
Media	3,568	2	3,279	3
Performing Arts	1,295	1	1,544	2
Sports	2,224	1	3,012	3
Hotel and Catering	5,803	4	6,501	7
Health	11,655	7	8,072	8
Environment	201	0	421	0
Science/Maths	8,604	5	6,592	7
Agriculture	2,088	1	1,470	1
Built Environment	4,433	3	2,690	3
Services to Industry	1,658	1	732	1
Manufacturing	1,615	1	2,784	3
Engineering	7,148	4	4,277	4
Mining/Chemicals	563	0	49	0
Transport	1,999	1	429	0
Not Specified	18	-	219	-
<b>Total</b>	<b>160,680</b>		<b>98,687</b>	

Subject of Study	ECONOMIC FORUM				Total	
	Mid Wales Partnership		North Wales Economic Forum		Number	%
	Number	%	Number	%		
Business and Management	4,109	15	7,363	7	47,406	12
Sales/Marketing	38	0	1,587	2	3,550	1
IT	3,814	14	18,027	17	57,628	15
Humanities	732	3	1,037	1	9,906	3
Social Sciences	264	1	1,534	1	6,393	2
Cultural Studies	3,357	12	8,922	9	38,772	10
Education	813	3	4,565	4	10,777	3
Care	4,880	17	14,605	14	53,354	14
Arts and Crafts	1,009	4	6,600	6	19,894	5
Media	599	2	3,234	3	10,680	3
Performing Arts	197	1	868	1	3,904	1
Sports	326	1	1,198	1	6,760	2
Hotel and Catering	1,918	7	6,112	6	20,334	5
Health	1,661	6	8,201	8	29,589	8
Environment	82	0	356	0	1,060	0
Science/Maths	847	3	5,768	6	21,811	6
Agriculture	1,467	5	3,871	4	8,896	2
Built Environment	550	2	3,290	3	10,963	3
Services to Industry	82	0	607	1	3,079	1
Manufacturing	217	1	757	1	5,373	1
Engineering	913	3	4,139	4	16,477	4
Mining/Chemicals	14	0	44	0	670	0
Transport	224	1	1,703	2	4,355	1
Not Specified	0	-	44	-	281	-
<b>Total</b>	<b>28,113</b>		<b>104,432</b>		<b>391,912</b>	

**Coverage** All qualification aims of further education students in further education institutions

**Note** 1 Percentages are calculated as a proportion of the total excluding subject not specified.  
2 Subjects of study are based on the first letter of Superclass II codes.

**Source** 1998/99 ISR (Individualised Student Record)

**THE QUALIFICATION AIMS OF FURTHER EDUCATION STUDENTS  
AT FURTHER EDUCATION INSTITUTIONS**

**Table 4.2: Student qualification aims by subject of study, mode of attendance  
and sex 1998/99**

Subject Group	Mode of Attendance						
	Full-time / sandwich		Other		Total		
	Male	Female	Male	Female	Male	Female	Total
Business and Management	5,162	14,766	5,843	21,635	11,005	36,401	47,406
Sales/Marketing	139	366	995	2,050	1,134	2,416	3,550
IT	9,431	7,804	15,480	24,913	24,911	32,717	57,628
Humanities	1,997	3,063	1,486	3,360	3,483	6,423	9,906
Social Sciences	1,278	2,504	842	1,769	2,120	4,273	6,393
Cultural Studies	3,626	6,526	10,124	18,496	13,750	25,022	38,772
Education	1,598	1,851	2,916	4,412	4,514	6,263	10,777
Care	8,964	15,453	8,324	20,613	17,288	36,066	53,354
Arts and Crafts	2,728	3,280	2,632	11,254	5,360	14,534	19,894
Media	3,254	3,597	1,926	1,903	5,180	5,500	10,680
Performing Arts	1,079	1,328	663	834	1,742	2,162	3,904
Sports	3,242	1,522	1,097	899	4,339	2,421	6,760
Hotel and Catering	3,542	5,328	3,967	7,497	7,509	12,825	20,334
Health	1,989	11,365	4,155	12,080	6,144	23,445	29,589
Environment	408	222	244	186	652	408	1,060
Science/Maths	7,970	7,392	2,602	3,847	10,572	11,239	21,811
Agriculture	1,208	1,304	3,424	2,960	4,632	4,264	8,896
Built Environment	3,226	260	6,487	990	9,713	1,250	10,963
Services to Industry	519	41	2,336	183	2,855	224	3,079
Manufacturing	1,692	74	2,625	982	4,317	1,056	5,373
Engineering	5,836	278	9,774	589	15,610	867	16,477
Mining/Chemicals	50	19	591	10	641	29	670
Transport	764	729	1,905	957	2,669	1,686	4,355
Not Specified	39	75	61	106	100	181	281
<b>Total</b>	<b>69,741</b>	<b>89,147</b>	<b>90,499</b>	<b>142,525</b>	<b>160,240</b>	<b>231,672</b>	<b>391,912</b>

**Coverage** All qualification aims of further education students however they are funded, in further education institutions

**Notes** Subject groups are based on the first letter of the 'Superclass Version 2' codes.

**Source** 1998/99 ISR (Individualised Student Record)

**THE QUALIFICATION AIMS OF FURTHER EDUCATION STUDENTS  
AT FURTHER EDUCATION INSTITUTIONS**

**Table 4.3a: Student qualification aims by FEFCW programme area, mode of attendance and sex: Full-time / sandwich students 1998/99**

Programme Area	Male	Female	Total	%
Access Studies - Classroom based	332	897	1,229	0.8
Access Studies - Laboratory / Workshop based	189	278	467	0.3
Access Studies - Studio based	167	202	369	0.2
Art / Design / Performing Arts	3,755	3,828	7,583	4.8
Applied Science	843	2,185	3,028	1.9
Business / Management	3,970	6,248	10,218	6.4
Catering	1,111	887	1,998	1.3
Caring and Health	2,029	10,670	12,699	8.0
Computing	8,171	7,251	15,422	9.7
Construction	3,263	126	3,389	2.1
Engineering	7,798	346	8,144	5.1
General Education - Classroom based	9,609	13,562	23,171	14.6
General Education - Laboratory / Workshop based	4,128	3,742	7,870	5.0
General Education - Studio based	1,556	1,902	3,458	2.2
Hairdressing and Beauty	101	3,406	3,507	2.2
Land-based	1,104	1,267	2,371	1.5
Secretarial and Office Technology	938	8,239	9,177	5.8
Tourism and Leisure	4,359	3,679	8,038	5.1
Communication Skills	1	1	2	0.0
Independent Living skills - Moderate	926	870	1,796	1.1
Independent Living skills - Profound	635	470	1,105	0.7
ABE and ESOL	2,475	3,384	5,859	3.7
Other General Education - Welsh for Adults	82	305	387	0.2
Other General Education	11,832	15,052	26,884	16.9
Non - Schedule 2	0	2	2	0.0
Non - fundable	364	344	708	0.4
Not Specified / Unknown	3	4	7	0.0
<b>Total</b>	<b>69,741</b>	<b>89,147</b>	<b>158,888</b>	<b>100</b>

**Coverage** All qualification aims by further education students however they are funded, in further education institutions

**Source** 1998/99 ISR (Individualised Student Record)

**THE QUALIFICATION AIMS OF FURTHER EDUCATION STUDENTS  
AT FURTHER EDUCATION INSTITUTIONS**

**Table 4.3b: Student qualification aims by FEFCW programme area, mode of attendance and sex: Part-time / other students 1998/99**

Programme Area	Male	Female	Total	%
Access Studies - Classroom based	460	2,180	2,640	1.1
Access Studies - Laboratory / Workshop based	98	231	329	0.1
Access Studies - Studio based	387	1,492	1,879	0.8
Art / Design / Performing Arts	2,865	9,070	11,935	5.1
Applied Science	2,215	3,731	5,946	2.6
Business / Management	4,372	7,313	11,685	5.0
Catering	881	1,692	2,573	1.1
Caring and Health	3,613	12,961	16,574	7.1
Computing	13,422	22,968	36,390	15.6
Construction	5,899	399	6,298	2.7
Engineering	13,309	1,427	14,736	6.3
General Education - Classroom based	4,061	8,169	12,230	5.2
General Education - Laboratory / Workshop based	1,101	1,742	2,843	1.2
General Education - Studio based	481	771	1,252	0.5
Hairdressing and Beauty	107	2,556	2,663	1.1
Land-based	2,899	2,000	4,899	2.1
Secretarial and Office Technology	2,322	15,725	18,047	7.7
Tourism and Leisure	2,183	2,668	4,851	2.1
Communication Skills	18	59	77	0.0
Independent Living skills - Moderate	919	1,329	2,248	1.0
Independent Living skills - Profound	610	600	1,210	0.5
ABE and ESOL	6,877	12,635	19,512	8.4
Other General Education - Welsh for Adults	3,799	8,071	11,870	5.1
Other General Education	9,559	13,308	22,867	9.8
Non - Schedule 2	1,034	2,474	3,508	1.5
Non - fundable	6,998	6,945	13,943	6.0
Not Specified / Unknown	10	9	19	0.0
<b>Total</b>	<b>90,499</b>	<b>142,525</b>	<b>233,024</b>	<b>100</b>

**Coverage** All qualification aims by further education students however they are funded, in further education institutions

**Source** 1998/99 ISR (Individualised Student Record)

**THE QUALIFICATION AIMS OF FURTHER EDUCATION STUDENTS  
AT FURTHER EDUCATION INSTITUTIONS**

**Table 4.3c: Student qualification aims by FEFCW programme area,  
mode of attendance and sex: All students 1998/99**

Programme Area	Male	Female	Total	%
Access Studies - Classroom based	792	3,077	3,869	1.0
Access Studies - Laboratory / Workshop based	287	509	796	0.2
Access Studies - Studio based	554	1,694	2,248	0.6
Art / Design / Performing Arts	6,620	12,898	19,518	5.0
Applied Science	3,058	5,916	8,974	2.3
Business / Management	8,342	13,561	21,903	5.6
Catering	1,992	2,579	4,571	1.2
Caring and Health	5,642	23,631	29,273	7.5
Computing	21,593	30,219	51,812	13.2
Construction	9,162	525	9,687	2.5
Engineering	21,107	1,773	22,880	5.8
General Education - Classroom based	13,670	21,731	35,401	9.0
General Education - Laboratory / Workshop based	5,229	5,484	10,713	2.7
General Education - Studio based	2,037	2,673	4,710	1.2
Hairdressing and Beauty	208	5,962	6,170	1.6
Land-based	4,003	3,267	7,270	1.9
Secretarial and Office Technology	3,260	23,964	27,224	6.9
Tourism and Leisure	6,542	6,347	12,889	3.3
Communication Skills	19	60	79	0.0
Independent Living skills - Moderate	1,845	2,199	4,044	1.0
Independent Living skills - Profound	1,245	1,070	2,315	0.6
ABE and ESOL	9,352	16,019	25,371	6.5
Other General Education - Welsh for Adults	3,881	8,376	12,257	3.1
Other General Education	21,391	28,360	49,751	12.7
Non - Schedule 2	1,034	2,476	3,510	0.9
Non - fundable	7,362	7,289	14,651	3.7
Not Specified / Unknown	13	13	26	0.0
<b>Total</b>	<b>160,240</b>	<b>231,672</b>	<b>391,912</b>	<b>100</b>

**Coverage** All qualification aims by further education students however they are funded, in further education institutions

**Source** 1998/99 ISR (Individualised Student Record)

**THE QUALIFICATION AIMS OF FURTHER EDUCATION STUDENTS  
AT FURTHER EDUCATION INSTITUTIONS**

**Table 4.4: Qualification aims by type, mode of attendance and age group 1998/99**

**Full-time / sandwich students**

Qualification Type or Level	Individual Qualification Aims					
	18 and under		19+		Total	
	Number	%	Number	%	Number	%
GNVQ Foundation	2,593	2	715	2	3,308	2
NVQ Level 1	2,236	2	843	2	3,079	2
GCSE	9,871	8	2,091	5	11,962	8
GNVQ Intermediate / BTEC First	6,310	5	1,237	3	7,547	5
NVQ Level 2	6,317	5	2,780	7	9,097	6
GCE A/AS Level	20,622	17	1,805	5	22,427	14
GNVQ Advanced / BTEC National	19,253	16	4,102	10	23,355	15
NVQ Level 3	1,701	1	1,142	3	2,843	2
OCN Units	9,783	8	4,174	10	13,957	9
SLDD Course	1,538	1	1,368	3	2,906	2
Other	38,643	33	19,764	49	58,407	37
<b>Total</b>	<b>118,867</b>	<b>100</b>	<b>40,021</b>	<b>100</b>	<b>158,888</b>	<b>100</b>

**Part-time / other students**

Qualification Type or Level	Individual Qualification Aims					
	18 and under		19+		Total	
	Number	%	Number	%	Number	%
GNVQ Foundation	270	1	444	0	714	0
NVQ Level 1	1,100	4	2,594	1	3,694	2
GCSE	3,144	12	7,244	3	10,388	4
GNVQ Intermediate / BTEC First	315	1	262	0	577	0
NVQ Level 2	3,024	12	10,883	5	13,907	6
GCE A/AS Level	1,823	7	4,102	2	5,925	3
GNVQ Advanced / BTEC National	1,246	5	2,575	1	3,821	2
NVQ Level 3	1,272	5	7,440	4	8,712	4
OCN Units	1,778	7	42,917	21	44,695	19
SLDD Course	256	1	3,320	2	3,576	2
Other	11,344	44	125,671	61	137,015	59
<b>Total</b>	<b>25,572</b>	<b>100</b>	<b>207,452</b>	<b>100</b>	<b>233,024</b>	<b>100</b>

**All Students**

Qualification Type or Level	Individual Qualification Aims					
	18 and under		19+		Total	
	Number	%	Number	%	Number	%
GNVQ Foundation	2,863	2	1,159	0	4,022	1
NVQ Level 1	3,336	2	3,437	1	6,773	2
GCSE	13,015	9	9,335	4	22,350	6
GNVQ Intermediate / BTEC First	6,625	5	1,499	1	8,124	2
NVQ Level 2	9,341	6	13,663	6	23,004	6
GCE A/AS Level	22,445	16	5,907	2	28,352	7
GNVQ Advanced / BTEC National	20,499	14	6,677	3	27,176	7
NVQ Level 3	2,973	2	8,582	3	11,555	3
OCN Units	11,561	8	47,091	19	58,652	15
SLDD Course	1,794	1	4,688	2	6,482	2
Other	49,987	35	145,435	59	195,422	50
<b>Total</b>	<b>144,439</b>	<b>100</b>	<b>247,473</b>	<b>100</b>	<b>391,912</b>	<b>100</b>

**Coverage** All qualification aims by further education students, however they are funded, in further education institutions.

**Notes** Age as at 31 August 1998. Students who have not supplied their age are assumed to be over 18.

**Source** 1998/99 ISR (Individualised Student Record)

**THE QUALIFICATION AIMS OF FURTHER EDUCATION STUDENTS  
AT FURTHER EDUCATION INSTITUTIONS**

**Table 4.5: Qualification aims by type, mode of attendance and sex 1998/99**

**Full-time / sandwich students**

Qualification Type or Level	Individual Qualification Aims					
	Male		Female		Total	
	Number	%	Number	%	Number	%
GNVQ Foundation	1,947	3	1,361	2	3,308	2
NVQ Level 1	1,703	2	1,376	2	3,079	2
GCSE	5,691	8	6,271	7	11,962	8
GNVQ Intermediate / BTEC First	4,105	6	3,442	4	7,547	5
NVQ Level 2	4,841	7	4,256	5	9,097	6
GCE A/AS Level	9,555	14	12,872	14	22,427	14
GNVQ Advanced / BTEC National	12,097	17	11,258	13	23,355	15
NVQ Level 3	1,149	2	1,694	2	2,843	2
OCN Units	5,883	8	8,074	9	13,957	9
SLDD Course	1,564	2	1,342	2	2,906	2
Other	21,206	30	37,201	42	58,407	37
<b>Total</b>	<b>69,741</b>	<b>100</b>	<b>89,147</b>	<b>100</b>	<b>158,888</b>	<b>100</b>

**Part-time / other students**

Qualification Type or Level	Individual Qualification Aims					
	Male		Female		Total	
	Number	%	Number	%	Number	%
GNVQ Foundation	256	0	458	0	714	0
NVQ Level 1	1,776	2	1,918	1	3,694	2
GCSE	3,618	4	6,770	5	10,388	4
GNVQ Intermediate / BTEC First	393	0	184	0	577	0
NVQ Level 2	7,352	8	6,555	5	13,907	6
GCE A/AS Level	2,018	2	3,907	3	5,925	3
GNVQ Advanced / BTEC National	2,670	3	1,151	1	3,821	2
NVQ Level 3	4,240	5	4,472	3	8,712	4
OCN Units	13,351	15	31,344	22	44,695	19
SLDD Course	1,574	2	2,002	1	3,576	2
Other	53,251	59	83,764	59	137,015	59
<b>Total</b>	<b>90,499</b>	<b>100</b>	<b>142,525</b>	<b>100</b>	<b>233,024</b>	<b>100</b>

**All students**

Qualification Type or Level	Individual Qualification Aims					
	Male		Female		Total	
	Number	%	Number	%	Number	%
GNVQ Foundation	2,203	1	1,819	1	4,022	1
NVQ Level 1	3,479	2	3,294	1	6,773	2
GCSE	9,309	6	13,041	6	22,350	6
GNVQ Intermediate / BTEC First	4,498	3	3,626	2	8,124	2
NVQ Level 2	12,193	8	10,811	5	23,004	6
GCE A/AS Level	11,573	7	16,779	7	28,352	7
GNVQ Advanced / BTEC National	14,767	9	12,409	5	27,176	7
NVQ Level 3	5,389	3	6,166	3	11,555	3
OCN Units	19,234	12	39,418	17	58,652	15
SLDD Course	3,138	2	3,344	1	6,482	2
Other	74,457	46	120,965	52	195,422	50
<b>Total</b>	<b>160,240</b>	<b>100</b>	<b>231,672</b>	<b>100</b>	<b>391,912</b>	<b>100</b>

**Coverage** All qualification aims by further education students, however they are funded, in further education institutions

**Source** 1998/99 ISR (Individualised Student Record)



**THE QUALIFICATION AIMS OF FURTHER EDUCATION STUDENTS  
AT FURTHER EDUCATION INSTITUTIONS**

**Table 4.6a: Qualification aim retention rates by type, mode of attendance, sex and age group 1998/99**

**Full-time / sandwich students**

Qualification Type or Level	Retention Rates by Sex		Retention Rates by Age		Retention Rate
	Percentage		Percentage		Percentage
	Male	Female	18 and under	19+	Total
GNVQ Foundation	58	64	62	55	61
NVQ Level 1	74	73	74	74	74
GCSE	62	61	61	62	62
GNVQ Intermediate / BTEC First	70	70	72	59	70
NVQ Level 2	72	75	75	69	73
GCE A/AS Level	81	81	82	67	81
GNVQ Advanced / BTEC National	79	79	80	73	79
NVQ Level 3	84	83	86	79	84
OCN Units	89	89	90	86	89
SLDD Course	86	86	84	88	86
Other	79	83	82	81	81
<b>Total</b>	<b>77</b>	<b>80</b>	<b>79</b>	<b>77</b>	<b>79</b>

**Part-time / other students**

Qualification Type or Level	Retention Rates by Sex		Retention Rates by Age		Retention Rate
	Percentage		Percentage		Percentage
	Male	Female	18 and under	19+	Total
GNVQ Foundation	61	71	70	66	67
NVQ Level 1	81	80	80	81	81
GCSE	69	67	75	64	68
GNVQ Intermediate / BTEC First	75	60	70	71	71
NVQ Level 2	76	74	77	75	75
GCE A/AS Level	66	64	70	63	65
GNVQ Advanced / BTEC National	80	75	83	76	78
NVQ Level 3	84	79	84	81	81
OCN Units	87	86	84	86	86
SLDD Course	89	85	88	87	87
Other	85	84	85	84	84
<b>Total</b>	<b>83</b>	<b>82</b>	<b>81</b>	<b>83</b>	<b>83</b>

**All students**

Qualification Type or Level	Retention Rates by Sex		Retention Rates by Age		Retention Rate
	Percentage		Percentage		Percentage
	Male	Female	18 and under	19+	Total
GNVQ Foundation	59	66	63	59	62
NVQ Level 1	78	77	76	79	77
GCSE	65	64	65	64	64
GNVQ Intermediate / BTEC First	71	70	72	61	70
NVQ Level 2	74	75	76	74	75
GCE A/AS Level	79	77	81	64	78
GNVQ Advanced / BTEC National	79	79	81	74	79
NVQ Level 3	84	80	85	81	82
OCN Units	87	87	89	86	87
SLDD Course	88	85	85	87	86
Other	83	84	82	84	83
<b>Total</b>	<b>81</b>	<b>81</b>	<b>80</b>	<b>82</b>	<b>81</b>

**Coverage** All qualification aims by further education students, however they are funded, in further education institutions

- Notes**
- 1 Retention rates are for individual qualification aims, not individual students.
  - 2 Retention rates are calculated as a proportion of all qualification aims including those whose completion status is unknown.
  - 3 Continuing or completed qualification aims are counted as retained.
  - 4 Age as at 31 August 1998. Students who have not supplied their age are assumed to be over 18.

**Source** 1998/99 ISR (Individualised Student Record)

## THE QUALIFICATION AIMS OF FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS

**Table 4.6b: Qualification aim completion rates by type, mode of attendance, sex and age group 1998/99**

### Full-time / sandwich students

Qualification Type or Level	Completion Rates by Sex		Completion Rates by Age		Completion Rate
	Percentage		Percentage		Percentage
	Male	Female	18 and under	19+	Total
GNVQ Foundation	54	60	59	46	56
NVQ Level 1	72	70	71	72	72
GCSE	61	61	61	61	61
GNVQ Intermediate / BTEC First	68	67	70	54	67
NVQ Level 2	64	71	69	66	68
GCE A/AS Level	71	71	73	61	71
GNVQ Advanced / BTEC National	70	71	72	66	71
NVQ Level 3	78	79	79	78	78
OCN Units	89	88	90	86	89
SLDD Course	84	84	82	86	84
Other	77	82	80	80	80
<b>Total</b>	<b>73</b>	<b>77</b>	<b>75</b>	<b>75</b>	<b>75</b>

### Part-time / other students

Qualification Type or Level	Completion Rates by Sex		Completion Rates by Age		Completion Rate
	Percentage		Percentage		Percentage
	Male	Female	18 and under	19+	Total
GNVQ Foundation	51	60	25	64	56
NVQ Level 1	76	73	76	74	75
GCSE	66	64	70	62	64
GNVQ Intermediate / BTEC First	70	58	66	65	66
NVQ Level 2	68	66	67	67	67
GCE A/AS Level	63	61	65	60	62
GNVQ Advanced / BTEC National	73	65	76	68	71
NVQ Level 3	80	73	78	76	77
OCN Units	86	86	84	86	86
SLDD Course	89	84	87	86	86
Other	84	83	84	83	84
<b>Total</b>	<b>82</b>	<b>81</b>	<b>78</b>	<b>82</b>	<b>81</b>

### All students

Qualification Type or Level	Completion Rates by Sex		Completion Rates by Age		Completion Rate
	Percentage		Percentage		Percentage
	Male	Female	18 and under	19+	Total
GNVQ Foundation	54	60	57	54	56
NVQ Level 1	74	72	73	73	73
GCSE	63	62	63	62	62
GNVQ Intermediate / BTEC First	68	67	70	55	67
NVQ Level 2	67	68	68	67	67
GCE A/AS Level	69	68	72	60	69
GNVQ Advanced / BTEC National	71	70	72	67	71
NVQ Level 3	80	75	79	77	77
OCN Units	87	86	89	86	87
SLDD Course	86	84	83	86	85
Other	82	83	81	83	83
<b>Total</b>	<b>78</b>	<b>80</b>	<b>76</b>	<b>81</b>	<b>79</b>

**Coverage** All qualification aims by further education students, however they are funded, in further education institutions

- Notes**
- 1 Completion rates are for individual qualification aims, not individual students.
  - 2 Completion rates are calculated as a proportion of all qualification aims which are completed or from which the student withdraws including those whose completion status is unknown.
  - 3 Completed qualification aims (but not those withdrawn, continuing or transferred from) are counted as completed.
  - 4 Age as at 31 August 1998. Students who have not supplied their age are assumed to be over 18.

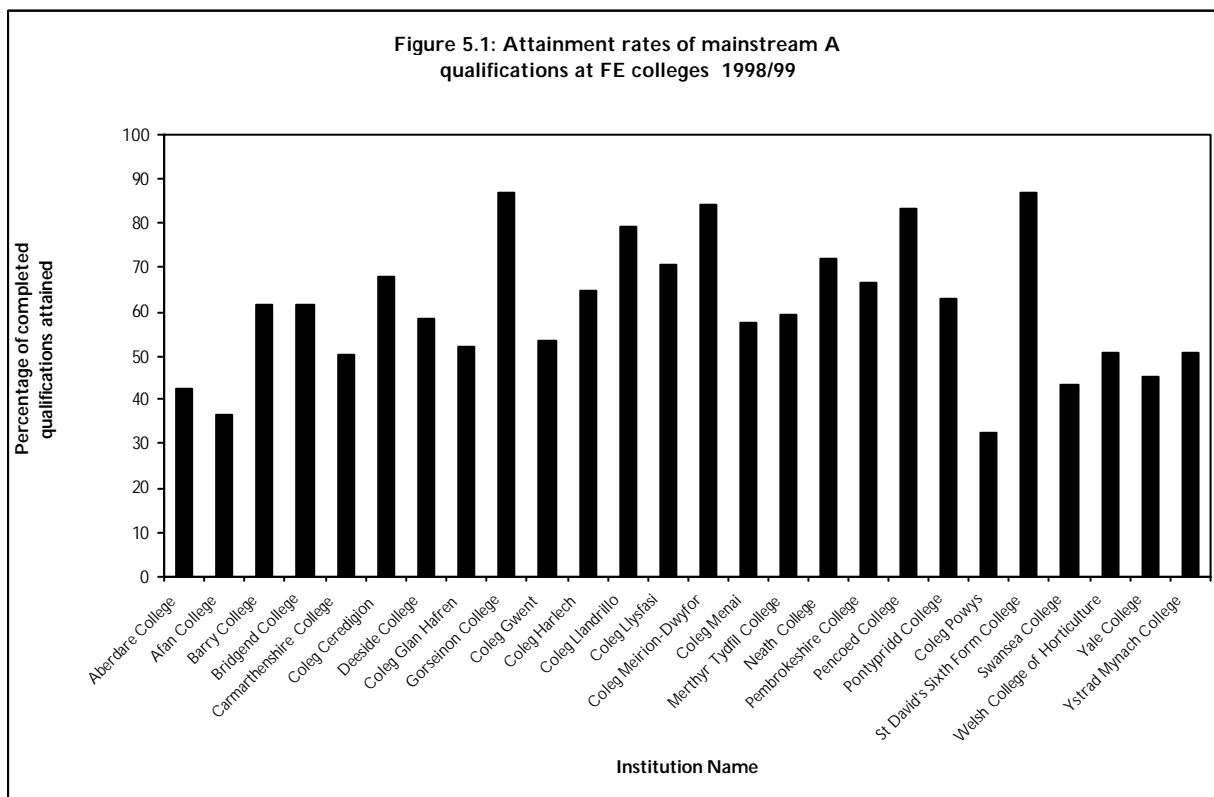
**Source** 1998/99 ISR (Individualised Student Record)

## SECTION 5 : ACHIEVEMENTS OF FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS

During 1998/99, 12,759 National Targets for Education and Training (NTETs) were achieved. Of those students achieving NTETs 24 per cent (3,099) gained sufficient Level II qualifications to reach Foundation Target 1 (equivalent to achieving five GCSEs at grades A to C); and just over a half (6,973) gained Level III qualifications to reach Foundation Target 3 (equivalent to two A levels). The remaining students reached Lifetime Targets. To some extent this under-estimates the achievement in the sector since only students in the workforce are counted towards the Lifelong Learning targets; non-employed adults reaching the levels of achievement for these targets are not counted and students at higher education institutions are not shown in the table. [Table 5.1]

In 1998/99, there were 45,811 mainstream qualifications achieved through full-time study and 49,785 mainstream qualifications achieved through part-time study. Mainstream qualifications are defined here as all Schedule 2 a, b or c qualification aims. Nearly 40 per cent of all qualification aims achieved (where the level of qualification was known) were equivalent in level of study to NVQ Level 2, with 31 per cent at NVQ Level 3 and 28 per cent at NVQ Level 1. [Table 5.5]

Attainment rates are a measure of the number of students obtaining a qualification as a proportion of those students who completed the programme of study. Attainment rates for most types of qualification were generally significantly higher for full-time students than part-time students. The highest attainment rates were for the group of qualifications including GNVQs, NVOs, GCSEs, BTEC Firsts, BTEC Nationals, A/AS Levels and Access to HE (ie mainstream A qualifications), with the highest rates within this category being achieved in A levels and BTECs. Female students had slightly higher rates of attainment than male students within each qualification category, with an overall attainment rate for female students of 55 per cent and 51 per cent for male students. There was not however any clear pattern of variation of attainment rate with student age but considerable variations between colleges. [Tables 5.2, 5.3 and 5.4 and Figure 5.1]



## ACHIEVEMENTS OF FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS

**Table 5.1: Numbers of full NTETs achieved by institution 1998/99**

Institution	Whole NTETs achieved				Total
	Foundation Target 1 (NVQ 2 by 19)	Foundation Target 3 (NVQ 3 by 21)	Lifetime Target 1 (NVQ 3 by workforce)	Lifetime Target 2 (NVQ 4 by workforce)	
Aberdare College	12	41	14	12	79
Afan College	31	75	24	0	130
Barry College	144	169	186	2	501
Bridgend College	179	248	247	29	703
Carmarthenshire College	194	446	117	29	786
Coleg Ceredigion	71	135	81	5	292
Deeside College	82	157	177	18	434
Coleg Glan Hafren	168	406	184	21	779
Gorseinon College	126	594	146	0	866
Coleg Gwent	437	1,129	4	0	1,570
Coleg Harlech	0	12	0	0	12
Coleg Llandrillo	233	329	160	35	757
Coleg Lllyfasi	24	38	32	0	94
Coleg Meirion-Dwyfor	78	254	3	2	337
Coleg Menai	150	240	131	17	538
Merthyr Tydfil College	57	64	36	1	158
Neath College	188	550	13	1	752
Pembrokeshire College	140	239	205	27	611
Pencoed College	60	75	24	0	159
Pontypridd College	133	343	225	25	726
Coleg Powys	89	169	109	34	401
St David's Sixth Form College	42	297	0	0	339
Swansea College	133	309	149	39	630
Welsh College of Horticulture	56	28	0	0	84
Yale College	154	548	21	7	730
Ystrad Mynach College	118	78	79	16	291
<b>Total</b>	<b>3,099</b>	<b>6,973</b>	<b>2,367</b>	<b>320</b>	<b>12,759</b>

**Coverage** All further education students completing programmes of study, however funded

**Notes** 1 NTET=National Target for Education and Training  
2 The same student may achieve more than one type and level of NTET in the same year.

**Source** 1998/99 ISR (Individualised Student Record)

## ACHIEVEMENTS OF FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS

**Table 5.2: Attainment rates for qualifications 1998/99**

Subject	Level	Full-time Students Attainment Rate Percentage	Part-time Students Attainment Rate Percentage
NVQ	Level 1	64	51
	Level 2	51	46
	Level 3	42	49
BTEC	First Certificate / Diploma	76	46
	National Certificate / Diploma	69	55
GNVQ	Introductory	56	53
	Intermediate	64	58
	Advanced	65	50
GCSE	Grades A*-C	28	34
	Grades A*-G	62	52
A Level	Grades A-C	44	24
	Grades A-E	72	47
AS Level	Grades A-C	35	17
	Grades A-E	67	38
Access to Higher Education		51	30

**Coverage** Listed qualification aims by further education students, however they are funded, in further education institutions.

**Notes**

- 1 Attainment rate is number of students attaining the qualification as a proportion of all who complete the programme of study. Some students who complete the programme may not have been entered for the examination.
- 2 Where grade information is not available to GCSEs and GCEs a pass below grade C is assumed.

**Source** 1998/99 ISR (Individualised Student Record)

ACHIEVEMENTS OF FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS

Table 5.3: Qualification Aim Attainment Rates of Students 1998/99

Institution	Mainstream A Qualifications		Mainstream B Qualifications		Other Qualifications	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
Aberdare College	39	46	14	40	56	8
Afan College	43	24	80	55	56	56
Barry College	63	60	61	62	92	83
Bridgend College	65	60	59	52	60	37
Carmarthenshire College	71	37	67	55	45	59
Coleg Ceredigion	71	65	73	54	88	27
Deeside College	56	61	19	49	96	93
Coleg Glan Hafren	51	52	19	42	20	24
Gorseinon College	86	87	100	96	98	92
Coleg Gwent	59	43	54	49	64	61
Coleg Harlech	96	37	n/a	0	95	95
Coleg Llandrillo	83	73	75	72	86	85
Coleg Llysfasi	75	67	92	70	50	85
Coleg Meirion-Dwyfor	85	69	63	54	52	72
Coleg Menai	67	44	62	40	56	45
Merthyr Tydfil College	62	56	38	55	100	100
Neath College	73	70	78	67	81	62
Pembrokeshire College	76	54	58	57	72	49
Pencoed College	86	79	86	54	75	55
Pontypridd College	65	60	78	65	80	74
Coleg Powys	40	28	13	44	37	37
St David's Sixth Form College	87	100	41	40	100	n/a
Swansea College	55	34	30	50	63	43
Welsh College of Horticulture	64	45	30	32	1	32
WEA (North)	n/a	n/a	n/a	57	n/a	34
WEA (South)	n/a	7	n/a	45	n/a	9
Yale College	51	28	44	33	43	22
YMCA	n/a	n/a	n/a	86	n/a	79
Ystrad Mynach College	55	46	65	63	59	35
<b>Total</b>	<b>64</b>	<b>48</b>	<b>51</b>	<b>51</b>	<b>56</b>	<b>53</b>

**Coverage** All further education students, however they are funded, at further education institutions.

- Notes**
- 1 Attainment rate is number of students attaining the qualification as a proportion of all who complete the programme of study. Some students who complete the programme may not have been entered for the examination.
  - 2 Attainment rates are for individual qualification aims, not individual students.
  - 3 Mainstream A = GNVQ, NVQ, GCSE, BTEC First, BTEC National, A/AS Level and Access to HE
  - 4 Mainstream B = All other Schedule 2 a, b and c qualifications.
  - 5 For the 'Other' category (not schedules 2 a, b or c), non-assessable qualifications are excluded from the calculation entirely

**Source** 1998/99 ISR (Individualised Student Record)

## ACHIEVEMENTS OF FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS

**Table 5.4: Qualification aim attainment rates by type, mode of attendance, sex and age group 1998/99**

### Full-time / sandwich students

Qualification Group	Male			Female			Total students		
	18 and under	19+	Total	18 and under	19+	Total	18 and under	19+	Total
Mainstream A	64	54	62	67	60	65	65	57	64
Mainstream B	46	44	46	52	60	55	49	56	51
Other	56	52	55	57	58	57	57	56	56
<b>Total</b>	<b>55</b>	<b>49</b>	<b>54</b>	<b>58</b>	<b>60</b>	<b>58</b>	<b>56</b>	<b>56</b>	<b>56</b>

### Part-time / other students

Qualification Group	Male			Female			Total students		
	18 and under	19+	Total	18 and under	19+	Total	18 and under	19+	Total
Mainstream A	44	47	46	45	51	50	45	49	48
Mainstream B	47	47	47	55	54	54	51	51	51
Other	48	53	53	47	53	53	48	53	53
<b>Total</b>	<b>46</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>53</b>	<b>53</b>	<b>48</b>	<b>52</b>	<b>51</b>

### All students

Qualification Group	Male			Female			Total students		
	18 and under	19+	Total	18 and under	19+	Total	18 and under	19+	Total
Mainstream A	60	49	55	63	53	58	61	51	57
Mainstream B	46	47	47	52	55	54	49	52	51
Other	54	53	54	55	54	54	55	54	54
<b>Total</b>	<b>53</b>	<b>49</b>	<b>51</b>	<b>56</b>	<b>54</b>	<b>55</b>	<b>55</b>	<b>53</b>	<b>53</b>

**Coverage** All qualification aims by further education students, however they are funded, in further education institutions

- Notes**
- 1 Attainment rate is number of students attaining the qualification as a proportion of all who complete the programme of study. Some students who complete the programme may not have been entered for the examination.
  - 2 Attainment rates are for individual qualification aims, not individual students.
  - 3 Age as at 31 August 1998. Students who have not supplied their date of birth are assumed to be over 18.
  - 4 Mainstream A = GNVQ, NVQ, GCSE, BTEC First, BTEC National, A/AS Level and Access to HE.
  - 5 Mainstream B = All other Schedule 2 a, b and c qualifications.
  - 6 For the 'Other' category (not schedules 2 a, b or c), non-assessable qualifications are excluded from the calculation entirely.

**Source** 1998/99 ISR (Individualised Student Record)

## ACHIEVEMENTS OF FURTHER EDUCATION STUDENTS AT FURTHER EDUCATION INSTITUTIONS

**Table 5.5: Mainstream qualification aims obtained by subject of study, notional NVQ level and mode of attendance 1998/99**

### Full-time students

Subject Group	Notional NVQ Level					
	Entry Level	Level 1	Level 2	Level 3	Level 4 or 5	Level Not Known
Business and Management	0	2,027	3,887	2,542	5	198
Sales/Marketing	0	4	8	37	0	2
IT	36	2,271	1,144	1,448	0	421
Humanities	5	41	514	602	0	5
Social Sciences	159	0	196	956	0	0
Cultural Studies	0	170	1,693	1,429	0	30
Education	3	453	31	58	2	141
Care	5	1,204	1,084	891	0	72
Arts and Crafts	34	145	424	1,705	0	7
Media	19	310	703	879	10	0
Performing Arts	0	30	154	618	0	23
Sports	14	43	559	613	0	102
Hotel and Catering	24	635	1,197	465	0	88
Health	11	641	805	2,081	16	154
Environment	0	0	57	146	0	3
Science/Maths	0	153	2,441	2,488	1	0
Agriculture	5	144	391	380	3	86
Built Environment	1	257	204	155	0	15
Services to Industry	0	1	135	52	1	0
Manufacturing	0	31	359	77	1	6
Engineering	0	698	553	626	0	5
Mining/Chemicals	0	19	3	1	0	0
Transport	0	5	1	14	0	0
Not Specified	0	0	0	7	0	3
<b>Total</b>	<b>316</b>	<b>9,282</b>	<b>16,543</b>	<b>18,270</b>	<b>39</b>	<b>1,361</b>

### Part-time students

Subject Group	Notional NVQ Level					
	Entry Level	Level 1	Level 2	Level 3	Level 4 or 5	Level Not Known
Business and Management	21	2,578	4,856	2,045	174	502
Sales/Marketing	0	170	132	160	0	34
IT	319	8,504	1,159	291	0	753
Humanities	0	20	60	128	0	0
Social Sciences	20	0	254	371	0	67
Cultural Studies	2	317	1,616	424	0	49
Education	20	30	42	1,216	11	85
Care	30	983	475	800	0	112
Arts and Crafts	19	119	835	228	0	323
Media	33	125	372	134	0	9
Performing Arts	0	0	54	30	0	7
Sports	1	1	265	50	1	116
Hotel and Catering	2	1,215	2,543	210	2	173
Health	0	688	1,126	1,627	197	429
Environment	0	0	2	12	0	1
Science/Maths	21	18	1,496	211	0	0
Agriculture	172	527	604	273	26	212
Built Environment	9	312	764	442	31	231
Services to Industry	0	43	489	62	26	4
Manufacturing	0	49	718	159	15	24
Engineering	5	470	801	919	3	351
Mining/Chemicals	0	34	7	189	0	37
Transport	0	17	186	39	0	6
Not Specified	0	0	0	2	0	2
<b>Total</b>	<b>674</b>	<b>16,220</b>	<b>18,856</b>	<b>10,022</b>	<b>486</b>	<b>3,527</b>

**Coverage** All mainstream qualification aims of further education students however they are funded, in further education institutions

**Notes** Level 4 and 5 achievements are of subsidiary qualifications. They relate only to students whose principal qualification aim is at FE level. Students whose principal qualification is at HE level are excluded from this section.

**Source** 1998/99 ISR (Individualised Student Record)



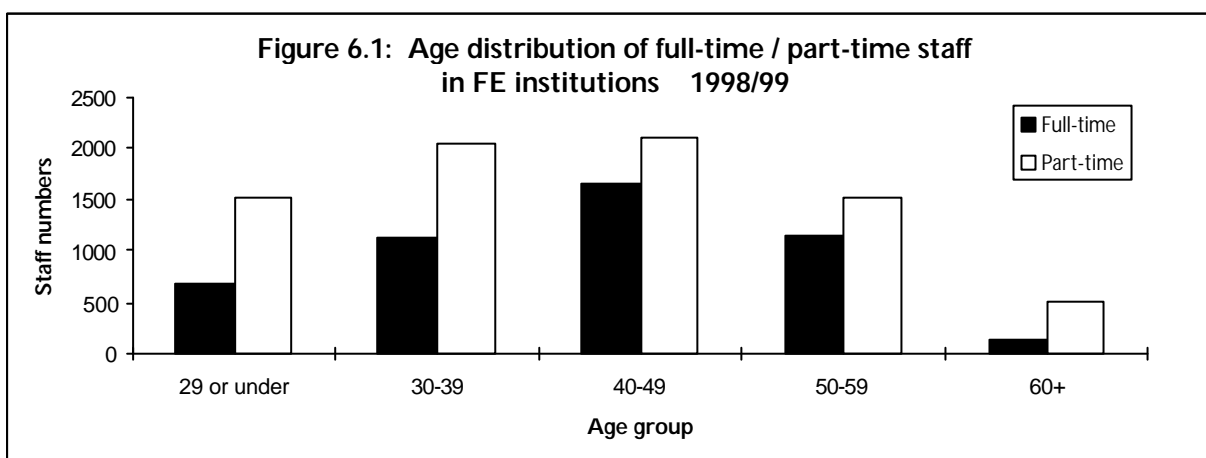
## SECTION 6 : STAFF EMPLOYED BY FURTHER EDUCATION INSTITUTIONS

In 1998/99, 12,494 staff were directly employed by further education institutions in Wales, of whom 38 per cent were employed on a full-time basis. In terms of full-time equivalents (FTEs), there were 6,913 staff of which 54 per cent were allocated to teaching and learning, 13 per cent to direct support of teaching and learning within the teaching departments and the remainder provided other support such as central administration and libraries. [Table 6.1 and Figure 6.2]

### Staff Employed

Table 6.2 shows the staff numbers in terms of staff contracts rather than the number of individual staff which is used in the other tables in this section. Teaching staff were far less frequently employed on permanent contracts than other staff - only 34 per cent of teaching staff contracts were permanent with 33 per cent fixed term and the remainder employed on a casual basis, whereas 59 per cent of non-teaching staff contracts were permanent. To some extent, this is a reflection of the split between full-time and part-time staff. More than two thirds (73 per cent) of teaching staff contracts were issued on a part-time basis whereas 60 per cent of non-teaching staff contracts were part-time. Ninety one per cent of full-time staff contracts were permanent but only 20 per cent of part-time contracts were permanent. [Table 6.2]

The age distribution showed 57 per cent of staff as being aged 40 or over. This was more marked for full-time than part-time staff with the percentages of those aged 40 or over being 62 per cent for full-time and 54 per cent for part-time staff. [Table 6.3 and Figure 6.1]

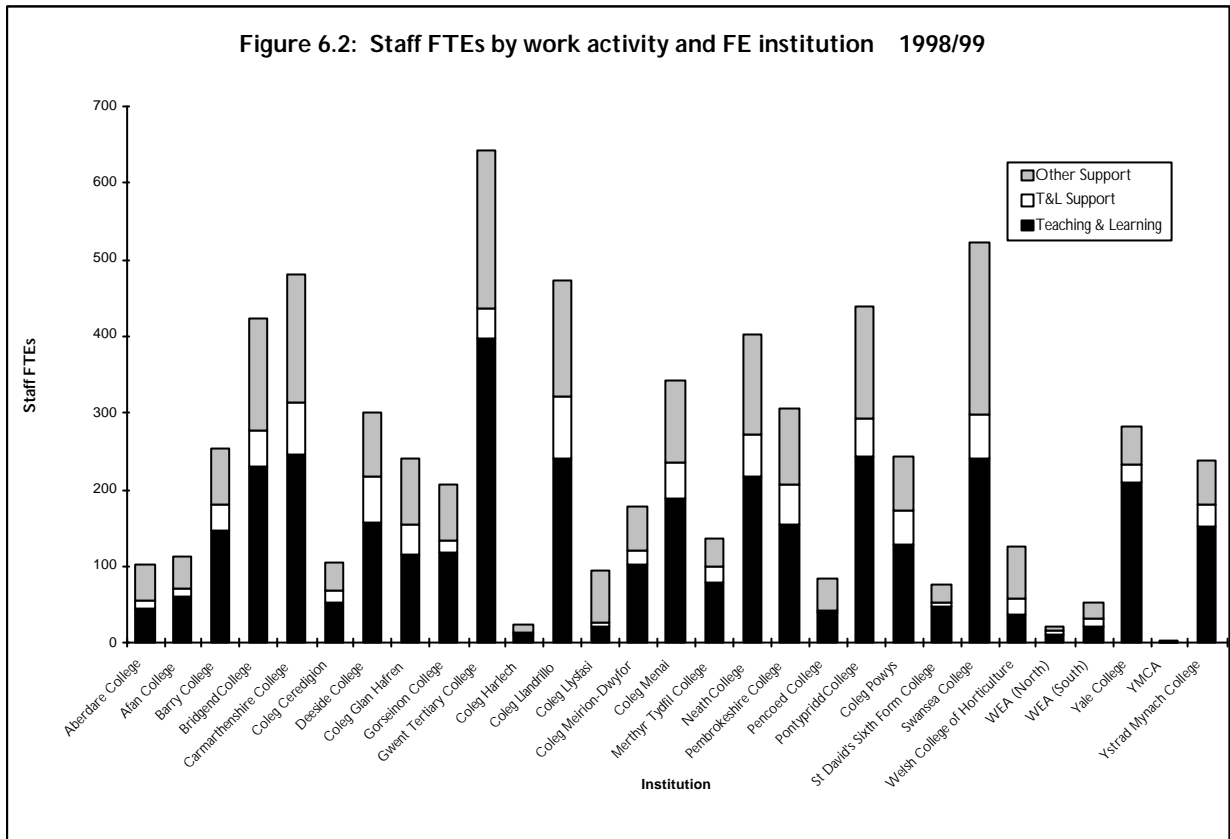


### Staff Ethnicity and Disability Profiles

Full information on the ethnic and disabled status of all further education staff is not available. The main reason for this is that where members of staff are employed on a less than 25 per cent full-time basis, the institution employing them is not required to return information on ethnicity or disability. However, in some cases, data were not available because the necessary information was yet to be sought or the information request had been declined. Over the whole further education sector, ethnicity data were available for 90 per cent of the staff and disability data for 86 per cent of the staff. Somewhat less than 1 per cent of the staff for whom data were available were recorded as coming from ethnic minorities, and just over 1 per cent had a disability. [Tables 6.4 and 6.5]

### Change in Staff Numbers

Across the sector there has been a slight overall increase in the numbers of staff employed by further education institutions. Full-time staff numbers dropped by 411, whilst the numbers of part-time staff employed rose by 665. However, the pictures at individual institutions were very varied and the sector trends outlined were largely a reflection of changes at a small number of institutions. [Tables 6.6a and 6.6b]



### Student Staff Ratios

Student Staff Ratios (SSRs) provide a measure of the numbers of students taught per staff member. On average across the sector, 15.9 students were taught for each member of the teaching staff. The student load used in reaching these figures is adjusted to include students franchised in from higher education institutions and exclude those taught outside the institution under a third party (franchise) arrangement. Both further education and higher education students are included. The staff FTEs include staff employed directly by the institution and those staff who teach students but are not employed directly by the institution, however only the part of each staff member's FTE which has been attributed to teaching (including activities such as marking and preparation) is included in the calculation. [Table 6.7]

In some circumstances, it is helpful to use a measure relating all staff who contribute to teaching and learning to the students taught. The second set of SSR calculations (ie Table 6.8) is not limited to staff who directly teach students but includes staff undertaking non-teaching work in the teaching and learning departments, such as care assistants, demonstrators, information technology and workshop technicians, language assistants, trainers and open learning workshop staff. On this basis the sector SSR is 12.9. [Table 6.8]

**STAFF EMPLOYED BY FURTHER EDUCATION INSTITUTIONS**

**Table 6.1: Staff numbers and FTEs by teaching and learning activities and institution 1998/99**

<b>Institution</b>	<b>Number of Full Time Staff</b>	<b>Number of Part Time Staff</b>	<b>Staff FTEs Teaching &amp; Learning</b>	<b>Staff FTEs Supporting Teaching &amp; Learning</b>	<b>Staff FTEs Other Support</b>	<b>Total Staff FTEs</b>
Aberdare College	68	123	45	10	47	103
Afan College	85	99	60	11	42	113
Barry College	172	229	147	36	71	253
Bridgend College	282	436	231	48	144	423
Carmarthenshire College	354	466	247	69	167	482
Coleg Ceredigion	66	161	52	16	36	105
Deeside College	182	487	157	61	82	300
Coleg Glan Hafren	192	74	117	38	85	240
Gorseinon College	157	122	118	14	73	206
Coleg Gwent	354	1,121	399	38	205	641
Coleg Harlech	24	15	12	2	11	25
Coleg Llandrillo	300	532	240	82	150	471
Coleg Llysfasi	66	115	22	5	66	94
Coleg Meirion-Dwyfor	112	184	102	19	57	178
Coleg Menai	225	304	189	48	107	344
Merthyr Tydfil College	110	76	80	20	36	136
Neath College	338	168	218	54	130	402
Pembrokeshire College	196	332	156	52	97	304
Pencoed College	63	226	40	4	41	85
Pontypridd College	360	245	243	48	148	439
Coleg Powys	152	452	128	45	71	244
St David's Sixth Form College	55	47	48	5	23	77
Swansea College	346	602	239	59	226	524
Welsh College of Horticulture	101	90	39	20	68	127
WEA (North)	10	160	10	7	4	21
WEA (South)	13	401	22	9	21	52
Yale College	250	137	210	22	49	282
YMCA	1	19	1	1	1	3
Ystrad Mynach College	145	292	152	28	59	239
<b>Total</b>	<b>4,779</b>	<b>7,715</b>	<b>3,723</b>	<b>873</b>	<b>2,318</b>	<b>6,913</b>
<b>Percentage of Total Staff or Staff FTE</b>	<b>38.3</b>	<b>61.7</b>	<b>53.9</b>	<b>12.6</b>	<b>33.5</b>	<b>100.0</b>

**Coverage** All staff directly employed by further education institutions

**Notes** FTE = full time equivalent.

**Source** 1998/99 SIR (Staff Individualised Record)

## STAFF EMPLOYED BY FURTHER EDUCATION INSTITUTIONS

**Table 6.2: Staff numbers by type of contract and mode of employment 1998/99**

	Full-time		Part-time		Total	
	Number	Percentage	Number	Percentage	Number	Percentage
<b>Teaching staff</b>						
Permanent staff	2,372	92	770	11	3,142	34
Fixed-term staff	144	6	2,941	43	3,085	33
Hourly-paid / casual staff	57	2	3,089	45	3,146	34
<b>Total</b>	<b>2,573</b>		<b>6,800</b>		<b>9,373</b>	
<b>Other staff</b>						
Permanent staff	1,901	89	1,206	38	3,107	59
Fixed-term staff	168	8	573	18	741	14
Hourly-paid / casual staff	58	3	1,354	43	1,412	27
<b>Total</b>	<b>2,127</b>		<b>3,133</b>		<b>5,260</b>	
<b>Total staff</b>						
Permanent staff	4,273	91	1,976	20	6,249	43
Fixed-term staff	312	7	3,514	35	3,826	26
Hourly-paid / casual staff	115	2	4,443	45	4,558	31
<b>Total</b>	<b>4,700</b>		<b>9,933</b>		<b>14,633</b>	

**Coverage** All staff directly employed by further education institutions

**Notes**

- 1 Staff are included on a per contract basis and therefore individual members of staff may be counted more than once.
- 2 Where terms of employment have not been supplied by the institution, the contract numbers have been included in the totals but not in the split (permanent, fixed term, casual).
- 3 Percentages are calculated as a proportion of the total contracts for which the terms of employment are known which may be less than the overall totals as noted above. The percentages will therefore add to 100% apart from any rounding adjustments.

**Source** 1998/99 SIR (Staff Individualised Record)

## STAFF EMPLOYED BY FURTHER EDUCATION INSTITUTIONS

**Table 6.3: Staff numbers by age group, sex and mode of employment 1998/99**

Age Group	Sex				Total	
	Male		Female			
	Number	Percentage	Number	Percentage	Number	Percentage
<b>Full-time</b>						
29 or under	272	11	414	18	686	14
30-39	570	24	569	24	1,139	24
40-49	825	34	830	35	1,655	35
50-59	643	27	521	22	1,164	24
60+	106	4	28	1	134	3
<b>Total</b>	<b>2,417</b>		<b>2,362</b>		<b>4,779</b>	
<b>Part-time</b>						
29 or under	512	19	999	20	1,511	20
30-39	574	22	1,463	29	2,037	26
40-49	638	24	1,471	29	2,109	27
50-59	642	24	878	17	1,520	20
60+	292	11	223	4	515	7
<b>Total</b>	<b>2,669</b>		<b>5,046</b>		<b>7,715</b>	
<b>All Staff</b>						
29 or under	784	15	1,413	19	2,197	18
30-39	1,144	23	2,032	27	3,176	25
40-49	1,463	29	2,301	31	3,764	30
50-59	1,285	25	1,399	19	2,684	22
60+	398	8	251	3	649	5
<b>Total</b>	<b>5,086</b>		<b>7,408</b>		<b>12,494</b>	

**Coverage** All staff directly employed by further education institutions

**Notes**

- 1 Age as at 31 August 1998.
- 2 Where age is unknown the individuals are included in the totals but excluded from the age rows.
- 3 Percentages are calculated as a proportion of the number of staff of known age.
- 4 Staff numbers based on numbers of individuals.

**Source** 1998/99 SIR (Staff Individualised Record)

**STAFF EMPLOYED BY FURTHER EDUCATION INSTITUTIONS**

**Table 6.4: Staff numbers by ethnicity, sex and mode of employment 1998/99**

Ethnicity	Sex				Total	
	Male		Female			
	Number	Percentage	Number	Percentage	Number	Percentage
<b>Full-time</b>						
White	2,357	99.2	2,311	99.3	4,668	99.2
Other	20	0.8	16	0.7	36	0.8
Information refused	10		8		18	
Not known	21		16		37	
Not required (SR)	9		11		20	
<b>Total</b>	<b>2,417</b>		<b>2,362</b>		<b>4,779</b>	
<b>Part-time</b>						
White	2,218	99.0	4,240	99.3	6,458	99.2
Other	22	1.0	28	0.7	50	0.8
Information refused	3		7		10	
Not known	161		198		359	
Not required (SR)	265		573		838	
<b>Total</b>	<b>2,669</b>		<b>5,046</b>		<b>7,715</b>	
<b>All Staff</b>						
White	4,575	99.1	6,551	99.3	11,126	99.2
Other	42	0.9	44	0.7	86	0.8
Information refused	13		15		28	
Not known	182		214		396	
Not required (SR)	274		584		858	
<b>Total</b>	<b>5,086</b>		<b>7,408</b>		<b>12,494</b>	

**Coverage** All staff directly employed by further education institutions

**Notes**

- 1 Percentages are calculated as a proportion of the number of staff of known ethnicity.
- 2 Staff numbers based on numbers of individuals.
- 3 Where a member of staff is employed on a less than 25% full-time basis, a short record (SR) may be returned by the institution. This does not require information on ethnicity.

**Source** 1998/99 SIR (Staff Individualised Record)

## STAFF EMPLOYED BY FURTHER EDUCATION INSTITUTIONS

**Table 6.5: Staff numbers by disability status, sex and mode of employment 1998/99**

Disability Status	Sex				Total	
	Male		Female			
	Number	Percentage	Number	Percentage	Number	Percentage
<b>Full-time</b>						
No disability	2,231	98.5	2,198	99.2	4,429	98.8
Disability registered	18	0.8	7	0.3	25	0.6
Disability not registered	17	0.8	10	0.5	27	0.6
Info not yet sought	142		136		278	
Not required (SR)	9		11		20	
<b>Total</b>	<b>2,417</b>		<b>2,362</b>		<b>4,779</b>	
<b>Part-time</b>						
No disability	2,125	98.7	4,084	99.0	6,209	98.9
Disability registered	17	0.8	20	0.5	37	0.6
Disability not registered	12	0.6	22	0.5	34	0.5
Info not yet sought	232		310		542	
Not required (SR)	283		610		893	
<b>Total</b>	<b>2,669</b>		<b>5,046</b>		<b>7,715</b>	
<b>All Staff</b>						
No disability	4,356	98.6	6,282	99.1	10,638	98.9
Disability registered	35	0.8	27	0.4	62	0.6
Disability not registered	29	0.7	32	0.5	61	0.6
Info not yet sought	374		446		820	
Not required (SR)	292		621		913	
<b>Total</b>	<b>5,086</b>		<b>7,408</b>		<b>12,494</b>	

**Coverage** All staff directly employed by further education institutions

**Notes**

- 1 Where disability status is unknown the individuals are included in the totals but excluded from the disability status rows.
- 2 Percentages are calculated as a proportion of the number of staff of known disability status.
- 3 Staff numbers based on numbers of individuals.
- 4 Where a member of staff is employed on a less than 25% full-time basis, a short record (SR) may be returned by the institution. This does not require information on disability.

**Source** 1998/99 SIR (Staff Individualised Record)

## STAFF EMPLOYED BY FURTHER EDUCATION INSTITUTIONS

**Table 6.6a: Change in staff numbers by institution, sex and mode of employment: Full-time staff 1997/98 to 1998/99**

Institution	1997/98			1998/99			Percentage Change 1997/98 to 1998/99		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Aberdare College	34	39	73	31	37	68	-9	-5	-7
Afan College	36	52	88	35	50	85	-3	-4	-3
Barry College	101	81	182	95	77	172	-6	-5	-5
Bridgend College	130	124	254	158	124	282	22	0	11
Carmarthenshire College	183	171	354	173	181	354	-5	6	0
Coleg Ceredigion	30	33	63	33	33	66	10	0	5
Deeside College	74	93	167	82	100	182	11	8	9
Coleg Glan Hafren	123	102	225	105	87	192	-15	-15	-15
Gorseinon College	72	82	154	72	85	157	0	4	2
Coleg Gwent	379	331	710	190	164	354	-50	-50	-50
Coleg Harlech	21	9	30	15	9	24	-29	0	-20
Coleg Llandrillo	140	150	290	142	158	300	1	5	3
Coleg Llysfasi	37	33	70	32	34	66	-14	3	-6
Coleg Meirion-Dwyfor	64	50	114	68	44	112	6	-12	-2
Coleg Menai	130	113	243	127	98	225	-2	-13	-7
Merthyr Tydfil College	71	59	130	55	55	110	-23	-7	-15
Neath College	185	178	363	177	161	338	-4	-10	-7
Pembrokeshire College	104	106	210	99	97	196	-5	-8	-7
Pencoed College	33	31	64	33	30	63	0	-3	-2
Pontypridd College	182	165	347	182	178	360	0	8	4
Coleg Powys	76	65	141	75	77	152	-1	18	8
St David's Sixth Form College	47	46	93	29	26	55	-38	-43	-41
Swansea College	152	173	325	156	190	346	3	10	6
Welsh College of Horticulture	39	40	79	53	48	101	36	20	28
WEA (North)	2	5	7	3	7	10	50	40	43
WEA (South)	10	12	22	8	5	13	-20	-58	-41
Yale College	131	141	272	119	131	250	-9	-7	-8
YMCA	0	1	1	0	1	1	-	0	0
Ystrad Mynach College	57	62	119	70	75	145	23	21	22
<b>Total</b>	<b>2,643</b>	<b>2,547</b>	<b>5,190</b>	<b>2,417</b>	<b>2,362</b>	<b>4,779</b>	<b>-9</b>	<b>-7</b>	<b>-8</b>

**Coverage** All staff directly employed by further education institutions

**Note** The 1998/99 full-time staff numbers for Coleg Gwent have been understated.

**Source** Staff Individualised Record 1997/98 and 1998/99



## STAFF EMPLOYED BY FURTHER EDUCATION INSTITUTIONS

**Table 6.6b: Change in staff numbers by institution, sex and mode of employment: Part-time staff 1997/98 to 1998/99**

Institution	1997/98			1998/99			Percentage Change 1997/98 to 1998/99		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Aberdare College	27	85	112	22	101	123	-19	19	10
Afan College	63	96	159	39	60	99	-38	-38	-38
Barry College	65	166	231	64	165	229	-2	-1	-1
Bridgend College	155	308	463	159	277	436	3	-10	-6
Carmarthenshire College	109	153	262	202	264	466	85	73	78
Coleg Ceredigion	69	114	183	61	100	161	-12	-12	-12
Deeside College	136	270	406	157	330	487	15	22	20
Coleg Glan Hafren	50	127	177	28	46	74	-44	-64	-58
Gorseinon College	28	91	119	25	97	122	-11	7	3
Coleg Gwent	394	725	1,119	388	733	1,121	-2	1	0
Coleg Harlech	2	9	11	4	11	15	100	22	36
Coleg Llandrillo	176	319	495	195	337	532	11	6	7
Coleg Llysfasi	35	78	113	41	74	115	17	-5	2
Coleg Meirion-Dwyfor	94	107	201	69	115	184	-27	7	-8
Coleg Menai	105	184	289	106	198	304	1	8	5
Merthyr Tydfil College	34	63	97	29	47	76	-15	-25	-22
Neath College	68	103	171	68	100	168	0	-3	-2
Pembrokeshire College	123	221	344	118	214	332	-4	-3	-3
Pencoed College	96	89	185	116	110	226	21	24	22
Pontypridd College	28	117	145	63	182	245	125	56	69
Coleg Powys	118	243	361	162	290	452	37	19	25
St David's Sixth Form College	10	24	34	20	27	47	100	13	38
Swansea College	165	458	623	150	452	602	-9	-1	-3
Welsh College of Horticulture	25	46	71	23	67	90	-8	46	27
WEA (North)	67	70	137	71	89	160	6	27	17
WEA (South)	42	111	153	106	295	401	152	166	162
Yale College	64	76	140	64	73	137	0	-4	-2
YMCA	1	10	11	4	15	19	300	50	73
Ystrad Mynach College	101	137	238	115	177	292	14	29	23
<b>Total</b>	<b>2,450</b>	<b>4,600</b>	<b>7,050</b>	<b>2,669</b>	<b>5,046</b>	<b>7,715</b>	<b>9</b>	<b>10</b>	<b>9</b>

**Coverage** All staff directly employed by further education institutions

**Source** 1997/98 and 1998/99 SIR (Staff Individualised Record)

## STAFF EMPLOYED BY FURTHER EDUCATION INSTITUTIONS

**Table 6.7: Student Load taught per staff FTE 1998/99**  
(teaching and learning excluding support staff)

Institution	Student load Taught	Staff FTEs	Ratio of Student load/Staff FTEs
Aberdare College	658	45	14.6
Afan College	807	60	13.5
Barry College	1,880	172	10.9
Bridgend College	2,788	231	12.1
Carmarthenshire College	3,926	247	15.9
Coleg Ceredigion	926	52	17.7
Deeside College	2,271	167	13.6
Coleg Glan Hafren	3,299	117	28.2
Gorseinon College	1,859	118	15.7
Coleg Gwent	7,976	399	20.0
Coleg Harlech	127	12	10.9
Coleg Llandrillo	4,019	240	16.8
Coleg Llysfasi	461	22	21.0
Coleg Meirion-Dwyfor	1,235	102	12.2
Coleg Menai	3,034	189	16.1
Merthyr Tydfil College	1,217	80	15.2
Neath College	3,502	218	16.1
Pembrokeshire College	2,715	156	17.4
Pencoed College	492	40	12.3
Pontypridd College	3,011	243	12.4
Coleg Powys	1,777	135	13.1
St David's Sixth Form College	944	48	19.6
Swansea College	4,013	239	16.8
Welsh College of Horticulture	629	39	16.3
WEA (North)	157	10	15.6
WEA (South)	339	22	15.4
Yale College	3,924	210	18.6
YMCA	59	3	17.3
Ystrad Mynach College	1,960	152	12.9
<b>Total</b>	<b>60,006</b>	<b>3,767</b>	<b>15.9</b>

**Coverage** All further education and higher education students enrolled and taught at the further education institution plus any higher education students who are franchised in

- Notes**
- 1 FTE = full time equivalent.
  - 2 Student load is an alternative measure of student FTEs where student load = 1 for full-time full year (30 weeks and over) students. For other modes student load is derived from the students' taught hours divided by the sector average for full-time full year students.
  - 3 As no sub-contracted tuition data were received from Coleg Glan Hafren, their staff FTEs are understated.

**Source** 1998/99 SIR (Staff Individualised Record)  
Staff Aggregate Record 1998/99 included for sub-contracted tuition in teaching and learning departments  
1998/99 ISR (Individualised Student Record)  
Higher Education Funding 1998/99 Volume 2 : Enrolments

## STAFF EMPLOYED BY FURTHER EDUCATION INSTITUTIONS

**Table 6.8: Student load taught per staff FTE 1998/99**  
(teaching and learning including staff supporting teaching and learning)

Institution	Student load Taught	Staff FTEs	Ratio of Student load/Staff FTEs
Aberdare College	658	55	11.9
Afan College	807	71	11.4
Barry College	1,880	218	8.6
Bridgend College	2,788	279	10.0
Carmarthenshire College	3,926	315	12.4
Coleg Ceredigion	926	69	13.5
Deeside College	2,271	230	9.9
Coleg Glan Hafren	3,299	155	21.3
Gorseinon College	1,859	133	14.0
Coleg Gwent	7,976	437	18.3
Coleg Harlech	127	14	9.3
Coleg Llandrillo	4,019	322	12.5
Coleg Lllysfasi	461	27	16.8
Coleg Meirion-Dwyfor	1,235	121	10.2
Coleg Menai	3,034	237	12.8
Merthyr Tydfil College	1,217	100	12.1
Neath College	3,502	272	12.9
Pembrokeshire College	2,715	207	13.1
Pencoed College	492	44	11.2
Pontypridd College	3,011	292	10.3
Coleg Powys	1,777	180	9.9
St David's Sixth Form College	944	53	17.7
Swansea College	4,013	298	13.5
Welsh College of Horticulture	629	58	10.8
WEA (North)	157	17	9.3
WEA (South)	339	31	10.8
Yale College	3,924	233	16.9
YMCA	59	5	11.5
Ystrad Mynach College	1,960	179	10.9
<b>Total</b>	<b>60,006</b>	<b>4,653</b>	<b>12.9</b>

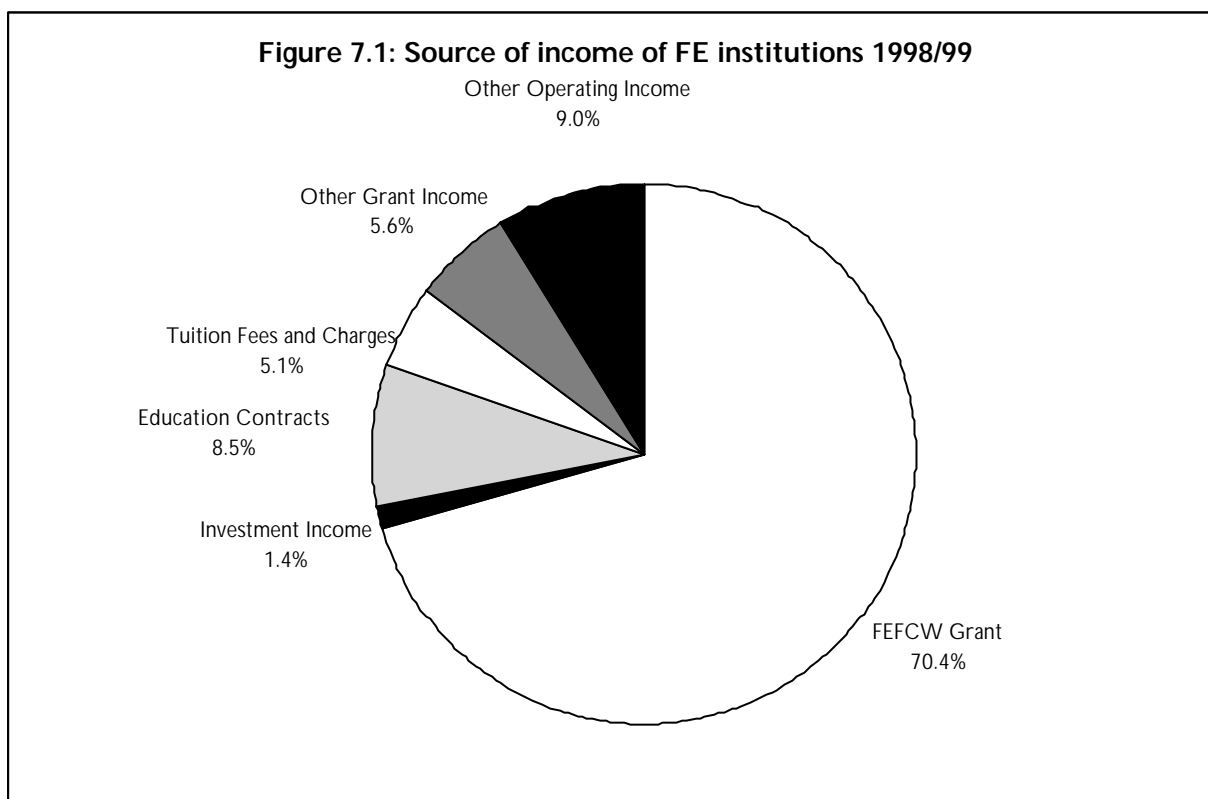
**Coverage** All further education and higher education students enrolled and taught at the further education institution plus any higher education students who are franchised in

- Notes**
- 1 FTE = full time equivalent.
  - 2 Student load is an alternative measure of student FTEs where student load = 1 for full-time full year (30 weeks and over) students. For other modes student load is derived from the students' taught hours divided by the sector average for full-time full year students.
  - 3 As no sub-contracted tuition data were received from Coleg Glan Hafren, their staff FTEs are understated.

**Source** 1998/99 SIR (Staff Individualised Record)  
Staff Aggregate Record 1998/99 included for sub-contracted tuition in teaching and learning departments  
1998/99 ISR (Individualised Student Record)  
Higher Education Funding 1998/99 Volume 2 : Enrolments

## SECTION 7 : FINANCE OF FURTHER EDUCATION INSTITUTIONS

The total income of further education institutions for 1998/99 was £245 million of which 70 per cent came from the Further Education Funding Council for Wales grant. [Table 7.1 and Figure 7.1]



The total expenditure of further education institutions for 1998/99 was £241 million of which 62 per cent was on pay. Excluding YMCA, where teaching staff are generally employed on a self-employed basis and therefore excluded from pay expenditure, the proportion of expenditure on pay varied from 52 per cent to 76 per cent. Just under two-thirds (65 per cent) of the pay expenditure was on teaching staff. [Table 7.2]

Expenditure per unit student load taught provides an alternative to Student Staff Ratios (SSRs) for measuring the performance of institutions. Using the same definitions of student load taught as for the SSRs in Section 6, and adjusting the total expenditure to exclude expenditure on franchised out provision and include franchised in tuition, the expenditure per unit student load for the sector was £3,971 in 1998/99. However, there was a wide spread of values across institutions ranging from £2,467 to £8,933. To a large extent the differences were a result of the different types of provision: for example, differences in subjects studied; the proportions of full-time and part-time students; and whether residential provision was offered. An alternative method of comparing institutions is on the basis of pay expenditure per student load taught. This statistic has a value of £1,869 for the sector with values ranging from £1,358 to £3,059 (excluding YMCA) for individual institutions. These two ratios include expenditure regardless of the source of income, 30 per cent of which comes from non-FEFCW sources. For some purposes, it may be preferable to consider FEFCW grant per FTE as shown in Table 7.5 with a sector value of £2,743 per full-time equivalents enrolled. [Tables 7.3, 7.4 and 7.5]

Key financial ratios and figures are provided to give an indication of each institution's financial position. [Tables 7.5 and 7.6]

## FINANCE OF FURTHER EDUCATION INSTITUTIONS

**Table 7.1: Income of further education institutions 1998/99**

Institution	FEFCW Grant £thousand	Education Contracts £thousand	Tuition Fees and Charges £thousand	Other Grant Income £thousand	Other Operating Income £thousand	Investment Income £thousand	Total Income £thousand
Aberdare College	2,315	193	72	658	192	31	3,462
Barry College	6,619	683	716	228	532	319	9,098
Bridgend College	7,729	1,646	975	946	1,069	90	12,454
Carmarthenshire College	11,169	2,435	569	1,015	1,972	235	17,395
Coleg Ceredigion	2,987	205	227	202	152	97	3,871
Deeside College	6,953	1,269	1,269	361	971	33	10,856
Coleg Glan Hafren	9,599	430	540	418	800	430	12,217
Gorseinon College	4,501	153	164	516	550	3	5,887
Coleg Gwent	24,641	2,496	1,558	6	4,175	146	33,022
Coleg Harlech	754	0	115	16	603	41	1,529
Coleg Llandrillo	10,586	1,752	972	578	1,144	82	15,114
Coleg Llysfasi	1,875	334	221	109	517	10	3,066
Coleg Meirion-Dwyfor	4,364	226	110	536	576	233	6,044
Coleg Menai	8,166	1,037	519	532	636	237	11,127
Merthyr Tydfil College	3,430	277	170	197	310	29	4,413
Neath Port Talbot College	11,998	1,459	655	583	1,021	121	15,838
Pembrokeshire College	6,482	1,288	592	381	1,132	109	9,984
Pencoed College	1,592	107	122	108	652	16	2,597
Pontypridd College	9,360	1,019	446	1,468	719	246	13,258
Coleg Powys	5,329	920	237	466	880	370	8,202
St David's Sixth Form College	2,359	12	11	21	163	39	2,604
Swansea College	10,777	798	455	1,190	1,605	218	15,043
Welsh College of Horticulture	1,875	354	349	125	772	30	3,505
WEA (North)	369	43	67	127	7	2	616
WEA (South)	967	20	87	143	73	5	1,296
Yale College	10,776	1,108	776	872	484	179	14,195
YMCA	185	0	12	13	0	0	210
Ystrad Mynach College	4,749	548	399	1,882	312	119	8,008
<b>Total</b>	<b>172,507</b>	<b>20,812</b>	<b>12,405</b>	<b>13,699</b>	<b>22,018</b>	<b>3,470</b>	<b>244,911</b>

**Coverage** All further education institutions in Wales

**Source** Finance Record 1998/99

FINANCE OF FURTHER EDUCATION INSTITUTIONS

Table 7.2: Expenditure of further education institutions 1998/99

Institution	Total Expenditure	Total Pay Expenditure	Teaching Staff: proportion of Total Pay Expenditure	Non-teaching Staff: proportion of Total Pay Expenditure	Pay Expenditure as a proportion of Total Expenditure
	£thousand	£thousand	percentage	percentage	percentage
Aberdare College	3,447	2,124	53.8	46.2	61.6
Barry College	9,305	5,493	65.2	34.8	59.0
Bridgend College	11,724	8,040	59.4	40.6	68.6
Carmarthenshire College	17,020	9,878	61.0	39.0	58.0
Coleg Ceredigion	3,601	2,153	62.2	37.8	59.8
Deeside College	10,068	6,319	63.0	37.0	62.8
Coleg Glan Hafren	11,938	7,045	65.9	34.1	59.0
Gorseinon College	6,156	4,439	68.6	31.4	72.1
Coleg Gwent	33,481	19,655	72.8	27.2	58.7
Coleg Harlech	1,137	664	49.9	50.1	58.4
Coleg Llandrillo	15,184	9,781	70.2	29.8	64.4
Coleg Llysfasi	3,009	1,909	59.2	40.8	63.4
Coleg Meirion-Dwyfor	6,195	3,616	65.5	34.5	58.4
Coleg Menai	10,658	6,963	60.0	40.0	65.3
Merthyr Tydfil College	4,301	2,745	64.3	35.7	63.8
Neath Port Talbot College	15,814	10,225	63.5	36.6	64.7
Pembrokeshire College	9,915	5,881	66.0	34.1	59.3
Pencoed College	2,778	1,440	51.1	48.9	51.8
Pontypridd College	13,035	8,545	64.1	35.9	65.6
Coleg Powys	8,545	4,745	62.3	37.7	55.5
St David's Sixth Form College	2,510	1,747	69.8	30.2	69.6
Swansea College	14,730	9,275	57.0	43.0	63.0
Welsh College of Horticulture	3,810	2,366	42.5	57.5	62.1
WEA (North)	557	376	43.2	56.9	67.4
WEA (South)	1,330	1,013	30.9	69.1	76.2
Yale College	13,670	8,797	75.1	24.9	64.4
YMCA	146	55	87.9	12.1	37.5
Ystrad Mynach College	7,252	4,746	67.7	32.3	65.5
<b>Total</b>	<b>241,318</b>	<b>150,036</b>	<b>64.6</b>	<b>35.4</b>	<b>62.2</b>

Coverage All further education institutions in Wales

Source Finance Record 1998/99

## FINANCE OF FURTHER EDUCATION INSTITUTIONS

**Table 7.3: Expenditure per unit student load taught by institution 1998/99**

Institution	Total Expenditure excluding franchised tuition	Unit student load taught	Expenditure per unit student load taught
	£thousand		£
Aberdare College	3,331	658	5,059
Barry College	9,305	1,880	4,951
Bridgend College	11,577	2,788	4,153
Carmarthenshire College	17,020	3,926	4,335
Coleg Ceredigion	3,490	926	3,768
Deeside College	9,815	2,271	4,322
Coleg Glan Hafren	10,766	3,299	3,263
Gorseinon College	6,156	1,859	3,311
Coleg Gwent	33,481	7,976	4,198
Coleg Harlech	1,137	127	8,933
Coleg Llandrillo	15,072	4,019	3,750
Coleg Llysfasi	2,995	461	6,493
Coleg Meirion-Dwyfor	6,195	1,235	5,014
Coleg Menai	10,658	3,034	3,513
Merthyr Tydfil College	4,264	1,217	3,502
Neath Port Talbot College	15,191	4,310	3,525
Pembrokeshire College	9,915	2,715	3,651
Pencoed College	2,778	492	5,647
Pontypridd College	12,633	3,011	4,196
Coleg Powys	8,545	1,777	4,810
St David's Sixth Form College	2,510	944	2,659
Swansea College	14,730	4,013	3,670
Welsh College of Horticulture	3,810	629	6,055
WEA (North)	557	157	3,552
WEA (South)	1,330	339	3,928
Yale College	13,670	3,924	3,484
YMCA	146	59	2,467
Ystrad Mynach College	7,199	1,960	3,673
<b>Total</b>	<b>238,275</b>	<b>60,006</b>	<b>3,971</b>

**Coverage** All further and higher education students enrolled and taught at the institution plus any higher education students who are franchised-in

**Note** Total Expenditure excludes expenditure on franchised tuition

**Source** Finance Record 1998/99  
For student load see Appendix A.

## FINANCE OF FURTHER EDUCATION INSTITUTIONS

**Table 7.4: Pay expenditure on teaching and learning per unit student load taught by institution 1998/99**

Institution	Pay Expenditure on Teaching and Learning	Unit student load taught	Expenditure per unit student load taught
	£thousand		£
Aberdare College	1,351	658	2,052
Barry College	4,143	1,880	2,204
Bridgend College	6,063	2,788	2,175
Carmarthenshire College	6,698	3,926	1,706
Coleg Ceredigion	1,557	926	1,681
Deeside College	4,940	2,271	2,176
Coleg Glan Hafren	5,511	3,299	1,671
Gorseinon College	3,414	1,859	1,836
Coleg Gwent	15,728	7,976	1,972
Coleg Harlech	389	127	3,059
Coleg Llandrillo	7,852	4,019	1,954
Coleg Llysfasi	1,255	461	2,721
Coleg Meirion-Dwyfor	2,722	1,235	2,203
Coleg Menai	5,310	3,034	1,750
Merthyr Tydfil College	2,066	1,217	1,697
Neath Port Talbot College	7,854	4,310	1,822
Pembrokeshire College	4,465	2,715	1,644
Pencoed College	863	492	1,754
Pontypridd College	6,550	3,011	2,176
Coleg Powys	3,487	1,777	1,963
St David's Sixth Form College	1,290	944	1,366
Swansea College	5,450	4,013	1,358
Welsh College of Horticulture	1,180	629	1,875
WEA (North)	287	157	1,829
WEA (South)	720	339	2,126
Yale College	7,318	3,924	1,865
YMCA	48	59	814
Ystrad Mynach College	3,632	1,960	1,854
<b>Total</b>	<b>112,144</b>	<b>60,006</b>	<b>1,869</b>

**Coverage** All further and higher education students enrolled and taught at the institution plus any higher education students who are franchised-in

**Note** Pay expenditure relates to staff in teaching and learning departments, including support services

**Source** Finance Record 1998/99  
For student load see Appendix A.



## FINANCE OF FURTHER EDUCATION INSTITUTIONS

**Table 7.5: Key financial ratios by institution 1998/99**

Institution	FEFCW grant as a percentage of total income	FEFCW grant per FTE (£)	Annual surplus/(deficit) as a percentage of annual income	Historic cost surplus/(deficit) as a percentage of annual income	General reserves as a percentage of annual income
Aberdare College	66.9	3,624	0.4	2.4	9.7
Barry College	72.8	3,234	(2.3)	(0.2)	41.2
Bridgend College	62.1	3,088	5.9	6.2	30.0
Carmarthenshire College	64.2	3,037	2.1	3.5	13.0
Coleg Ceredigion	77.2	3,277	7.0	8.1	21.3
Deeside College	64.1	3,157	7.3	10.2	0.4
Coleg Glan Hafren	78.6	2,372	2.3	3.8	43.9
Gorseinon College	76.5	2,499	(4.6)	(3.0)	(5.3)
Coleg Gwent	74.6	2,633	(1.4)	1.8	11.5
Coleg Harlech	49.3	5,503	25.6	25.6	54.0
Coleg Llandrillo	70.0	2,579	(0.5)	0.6	15.2
Coleg Lllyfasi	61.2	3,089	1.9	2.1	30.3
Coleg Meirion-Dwyfor	72.2	3,576	(2.5)	4.4	51.1
Coleg Menai	73.4	2,709	4.2	5.1	33.2
Merthyr Tydfil College	77.7	3,373	2.5	6.4	(18.7)
Neath Port Talbot College	75.8	2,518	0.2	1.2	4.7
Pembrokeshire College	64.9	2,425	0.7	2.6	18.8
Pencoed College	61.3	3,218	(7.0)	(6.0)	25.8
Pontypridd College	70.6	2,669	1.7	3.4	25.4
Coleg Powys	65.0	3,611	(4.2)	(2.2)	64.8
St David's Sixth Form College	90.6	2,184	3.6	3.6	31.2
Swansea College	71.6	2,583	2.1	5.1	64.0
Welsh College of Horticulture	53.5	3,637	(8.7)	(7.1)	9.7
WEA (North)	59.9	1,787	9.5	9.5	6.7
WEA (South)	74.6	2,630	(2.7)	(2.3)	5.7
Yale College	75.9	2,868	3.7	5.2	19.9
YMCA	88.1	3,044	30.6	30.6	0.0
Ystrad Mynach College	59.3	1,882	9.4	12.9	14.4
<b>Sector</b>	<b>70.4</b>	<b>2,743</b>	<b>1.5</b>	<b>3.4</b>	<b>23.1</b>

**Coverage** All further education sector institutions in Wales

**Source** Finance Record 1998/99  
Further Education Early Student Enrolments 1998/99 for FTEs

## FINANCE OF FURTHER EDUCATION INSTITUTIONS

Table 7.5 (continued): Key financial ratios by institution 1998/99

Institution	Ratio of current assets to current liabilities	Debtors days	Creditors days	Premises expenditure as a percentage of total expenditure
Aberdare College	1.9	16.5	58.7	7.7
Barry College	4.6	21.9	39.9	8.3
Bridgend College	2.1	39.8	32.6	4.3
Carmarthenshire College	2.6	27.5	40.2	7.3
Coleg Ceredigion	1.7	68.3	0.0	11.2
Deeside College	1.3	26.5	46.6	6.6
Coleg Glan Hafren	2.7	14.4	80.7	7.0
Gorseinon College	0.4	20.1	23.1	4.9
Coleg Gwent	1.9	30.2	24.6	6.2
Coleg Harlech	8.6	9.3	34.3	9.7
Coleg Llandrillo	2.2	56.3	26.4	7.6
Coleg Lllysasi	2.8	20.0	28.8	7.1
Coleg Meirion-Dwyfor	9.3	46.3	29.8	8.6
Coleg Menai	2.2	40.8	60.2	10.1
Merthyr Tydfil College	0.6	9.6	68.3	5.8
Neath Port Talbot College	0.9	32.4	64.0	6.8
Pembrokeshire College	1.5	24.8	41.3	3.3
Pencoed College	1.8	9.7	40.1	4.1
Pontypridd College	3.0	36.7	47.6	7.1
Coleg Powys	7.5	30.5	36.7	16.2
St David's Sixth Form College	2.9	1.0	33.7	6.1
Swansea College	2.6	37.8	43.3	7.3
Welsh College of Horticulture	2.1	38.7	35.6	6.0
WEA (North)	1.6	28.2	44.9	6.2
WEA (South)	1.9	33.7	42.0	5.4
Yale College	2.4	12.3	39.0	6.7
YMCA	.	0.0	0.0	6.4
Ystrad Mynach College	4.1	27.0	28.0	5.1
<b>Sector</b>	<b>2.4</b>	<b>30.5</b>	<b>40.7</b>	<b>7.1</b>

**Coverage** All further education sector institutions in Wales

**Source** Finance Record 1998/99

## FINANCE OF FURTHER EDUCATION INSTITUTIONS

**Table 7.6: Financial position of further education institutions 1998/99**

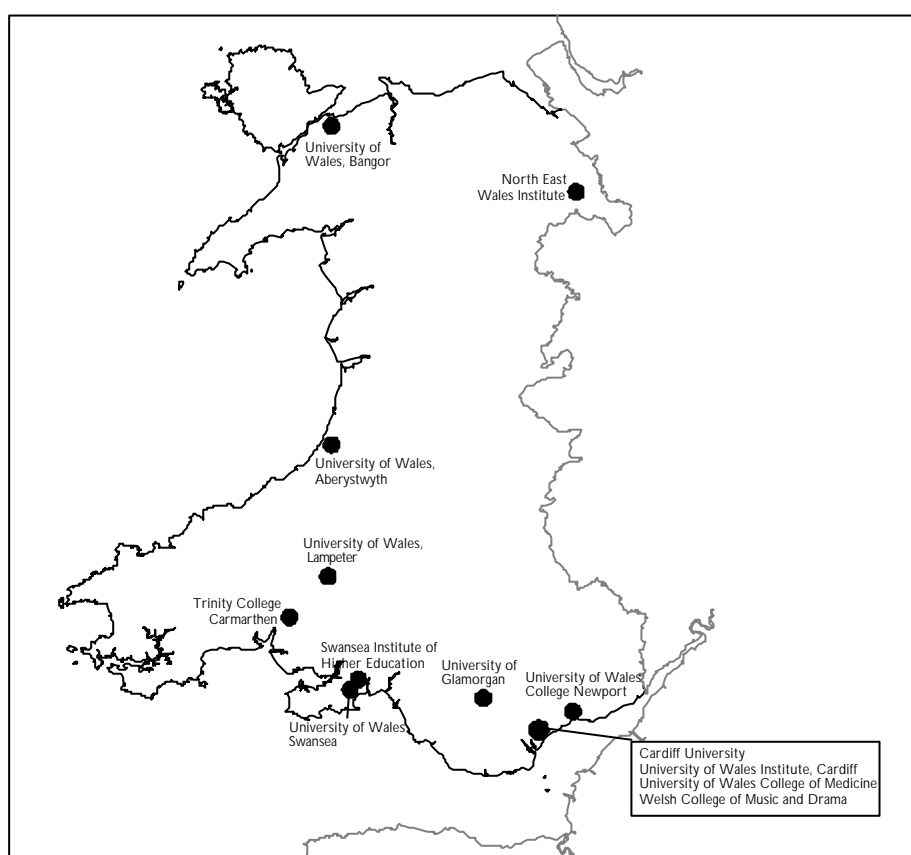
Institution	Surplus/(deficit) after depreciation of assets at valuation and tax  £thousand	Historic cost surplus/(deficit)  £thousand	General reserves  £thousand	Increase/(decrease) in cash and cash equivalents  £thousand
Aberdare College	15	84	337	498
Barry College	(207)	(17)	3744	(1184)
Bridgend College	730	765	3730	(481)
Carmarthenshire College	373	599	2258	767
Coleg Ceredigion	270	312	826	(389)
Deeside College	788	1105	41	503
Coleg Glan Hafren	278	458	5362	(224)
Gorseinon College	(269)	(179)	(312)	(188)
Coleg Gwent	(459)	595	3796	128
Coleg Harlech	392	392	826	308
Coleg Llandrillo	(70)	83	2290	178
Coleg Llysfasi	57	63	930	170
Coleg Meirion-Dwyfor	(150)	263	3091	(60)
Coleg Menai	469	567	3698	(987)
Merthyr Tydfil College	112	282	(823)	216
Neath Port Talbot College	24	194	741	(57)
Pembrokeshire College	69	258	1876	(400)
Pencoed College	(181)	(155)	669	(13)
Pontypridd College	223	446	3363	576
Coleg Powys	(343)	(180)	5314	(26)
St David's Sixth Form College	94	94	813	103
Swansea College	313	772	9626	840
Welsh College of Horticulture	(304)	(249)	341	80
WEA (North)	59	59	41	60
WEA (South)	(34)	(30)	74	(122)
Yale College	525	738	2829	(243)
YMCA	64	64	0	n/a
Ystrad Mynach College	756	1035	1155	220
<b>Total</b>	<b>3,591</b>	<b>8,419</b>	<b>56,636</b>	<b>271</b>

**Coverage** All further education sector institutions in Wales

**Source** Finance Record 1998/99

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**PART B**  
**HIGHER EDUCATION IN WALES**  
**1998/99**

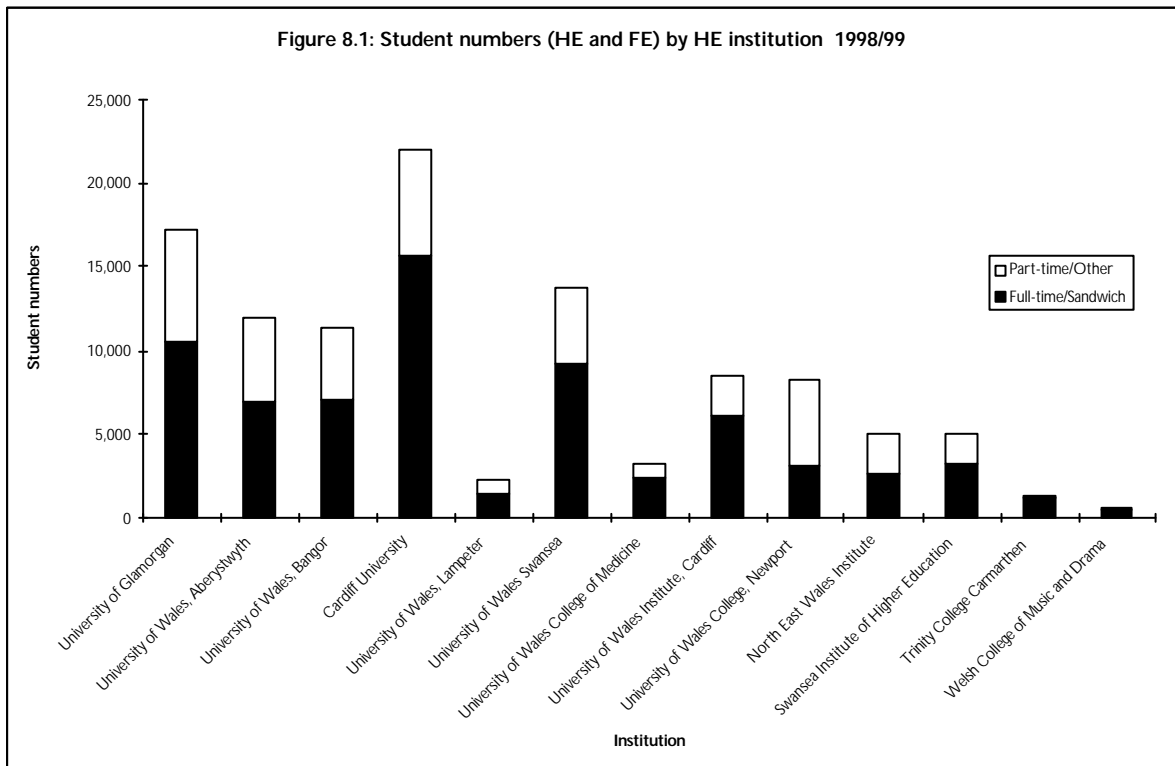


**HIGHER EDUCATION FUNDING COUNCIL FOR WALES**

## SECTION 8: THE HIGHER EDUCATION SECTOR IN WALES

In 1998/99, there were 13 higher education institutions (HEIs) in Wales with teaching provision funded by the Higher Education Funding Council for Wales (HEFCW). (In addition, the Higher Education Funding Council for England (HEFCE) funds Welsh students who are enrolled at the Open University.) There was also some higher education provision in further education colleges: five institutions, Carmarthenshire College, Coleg Llandrillo, Coleg Gwent, Neath College and Swansea College had students who were funded directly by HEFCW; a number of further education colleges ran higher education courses on a franchised basis; the final elements of some further education programmes were at NVQ Level 4 (ie higher education) and funded by HEFCW; and some further education colleges ran full cost recovery higher education courses. Students undertaking franchised programmes are generally enrolled at the franchising higher education institution and are therefore included within the numbers counted by the franchising higher education institution. Whereas, in general, in Part B, the counts are in terms of student enrolments, this section (except Table 8.3) counts individual students. In practice, the differences are fairly small; for HE students at HEIs enrolled on 1 December (as published by HESA), the difference between enrolments and student numbers is 39 for full-time and 737 for part-time, which suggests that under one per cent of students were enrolled for more than one qualification.

There were 69,819 full-time students and 40,414 part-time students enrolled at higher education institutions in Wales during 1998/99. Of the students enrolled at higher education institutions, 5 per cent were enrolled on courses at further education level with most of these studying part-time. [Table 8.1] This figure does not include all the Welsh for Adults provision in the sector as some of this was returned on the HESA non-credit bearing record. (Table 1.4 gives the total number of Welsh for Adults students at higher education institutions.) There were 47,203 enrolments on further or higher education short non-credit bearing courses in addition to those students enrolled on credit bearing courses. It should be noted that the method of recording Welsh for Adults has changed resulting in most being recorded in the HESA student record leading to their inclusion in the main tables in this section. This contributes to an apparent increase in part-time students and a fall in non-credit bearing enrolments. [Tables 8.3 and 8.4]



## THE HIGHER EDUCATION SECTOR IN WALES

**Table 8.1a: Full-time students (HE and FE) enrolled at HE institutions 1998/99**

Institution	HE Students at HE Institutions		FE Students at HE Institutions		Total	
	All	Enrolled 1 Dec	All	Enrolled 1 Dec	All	Enrolled 1 Dec
University of Glamorgan	10,477	10,125	0	0	10,477	10,125
University of Wales, Aberystwyth	6,903	6,725	0	0	6,903	6,725
University of Wales, Bangor	7,020	6,354	0	0	7,020	6,354
Cardiff University	15,658	14,460	0	0	15,658	14,460
University of Wales, Lampeter	1,401	1,377	0	0	1,401	1,377
University of Wales Swansea	9,242	8,818	0	0	9,242	8,818
University of Wales College of Medicine	2,326	2,151	0	0	2,326	2,151
University of Wales Institute, Cardiff	5,904	5,738	177	166	6,081	5,904
University of Wales College, Newport	3,004	2,924	155	144	3,159	3,068
North East Wales Institute	2,637	2,539	0	0	2,637	2,539
Swansea Institute of Higher Education	3,129	2,991	76	74	3,205	3,065
Trinity College Carmarthen	1,197	1,182	0	0	1,197	1,182
Welsh College of Music and Drama	513	508	0	0	513	508
<b>Total</b>	<b>69,411</b>	<b>65,892</b>	<b>408</b>	<b>384</b>	<b>69,819</b>	<b>66,276</b>

**Coverage** All higher education institutions in Wales

- Notes**
- 1 This table counts individual students (not enrolments).
  - 2 A student pursuing two or more qualification aims through two or more programmes of study, one of which is part-time and the other full-time, will be counted in this table only.
  - 3 Higher education students include all students studying at NVQ level 4 equivalent and above.

**Source** 1998/99 HESA Student Record

**Table 8.1b: Part-time students (HE and FE) enrolled at HE institutions 1998/99**

Institution	HE Students at HE Institutions		FE Students at HE Institutions		Total	
	All	Enrolled 1 Dec	All	Enrolled 1 Dec	All	Enrolled 1 Dec
University of Glamorgan	6,762	6,398	0	0	6,762	6,398
University of Wales, Aberystwyth	3,841	3,110	1,223	915	5,064	4,025
University of Wales, Bangor	3,040	2,395	1,269	1,164	4,309	3,559
Cardiff University	4,957	4,267	1,321	714	6,278	4,981
University of Wales, Lampeter	853	660	0	0	853	660
University of Wales Swansea	3,835	3,060	724	446	4,559	3,506
University of Wales College of Medicine	864	732	0	0	864	732
University of Wales Institute, Cardiff	2,069	1,976	269	248	2,338	2,224
University of Wales College, Newport	4,621	4,032	425	303	5,046	4,335
North East Wales Institute	2,297	1,702	61	58	2,358	1,760
Swansea Institute of Higher Education	1,582	1,423	297	259	1,879	1,682
Trinity College Carmarthen	66	66	0	0	66	66
Welsh College of Music and Drama	38	38	0	0	38	38
<b>Total</b>	<b>34,825</b>	<b>29,859</b>	<b>5,589</b>	<b>4,107</b>	<b>40,414</b>	<b>33,966</b>

**Coverage** All higher education institutions in Wales

- Notes**
- 1 This table counts individual students (not enrolments).
  - 2 A student pursuing two or more qualification aims through two or more programmes of study, one of which is part-time and the other full-time, will be counted in Table 8.1a only.
  - 3 Higher education students include all students studying at NVQ level 4 equivalent and above.

**Source** 1998/99 HESA Student Record

**Table 8.2: Full-time / part-time higher education students enrolled at HE and FE institutions 1998/99**

Institution	Full-time HE Students		Part-time HE Students	
	All	Enrolled 1 Dec	All	Enrolled 1 Dec
University of Glamorgan	10,477	10,125	6,762	6,398
University of Wales, Aberystwyth	6,903	6,725	3,841	3,110
University of Wales, Bangor	7,020	6,354	3,040	2,395
Cardiff University	15,658	14,460	4,957	4,267
University of Wales, Lampeter	1,401	1,377	853	660
University of Wales Swansea	9,242	8,818	3,835	3,060
University of Wales College of Medicine	2,326	2,151	864	732
University of Wales Institute, Cardiff	5,904	5,738	2,069	1,976
University of Wales College, Newport	3,004	2,924	4,621	4,032
North East Wales Institute	2,637	2,539	2,297	1,702
Swansea Institute of Higher Education	3,129	2,991	1,582	1,423
Trinity College Carmarthen	1,197	1,182	66	66
Welsh College of Music and Drama	513	508	38	38
Aberdare College	1	1	0	0
Bridgend College	0	0	19	18
Carmarthenshire College	283	278	81	67
Deeside College	0	0	68	41
Coleg Glan Hafren	4	4	83	72
Coleg Gwent	22	19	85	81
Coleg Llandrillo	117	114	97	75
Coleg Llysfasi	0	0	33	28
Coleg Meirion-Dwyfor	1	1	36	36
Coleg Menai	31	30	36	34
Merthyr Tydfil College	0	0	9	8
Neath College	129	124	238	227
Pencoed College	0	0	10	8
Pontypridd College	1	1	71	65
Coleg Powys	2	2	172	162
Swansea College	9	7	145	133
Welsh College of Horticulture	15	15	9	7
Ystrad Mynach College	0	0	26	26
<b>Total</b>	<b>70,026</b>	<b>66,488</b>	<b>36,043</b>	<b>30,947</b>

**Coverage** All higher education and further education institutions with HE provision in Wales

- Notes**
- 1 This table counts individual students (not enrolments).
  - 2 A student pursuing two or more qualification aims at an HEI through two or more programmes of study, one of which is part-time and the other full-time, will be counted in full-time only.
  - 3 Higher education students include all students studying at NVQ level 4 equivalent and above.
  - 4 For FEIs the numbers of students are those enrolled on the week of 1 December.
  - 5 Around 10 per cent of HE students franchised to FE Colleges have been incorrectly recorded in the ISR as enrolled at the FE College. Data for FE colleges should therefore be treated with caution. (There are high proportions of miscodings at Neath, Powys and Welsh College of Horticulture.)

**Source** 1998/99 HESA Student Record, 1998/99 ISR (Individualised Student Record)

## THE HIGHER EDUCATION SECTOR IN WALES

**Table 8.3: Non credit bearing enrolments at HE institutions by purpose of course 1998/99**

Institution	Continuing Vocational Education	Liberal Adult Education	Other	Total
University of Glamorgan	0	7,243	0	7,243
University of Wales, Aberystwyth	1,025	1,158	4,668	6,851
University of Wales, Bangor	309	2,413	509	3,231
Cardiff University	8,213	3,899	2,158	14,270
University of Wales, Lampeter	242	771	0	1,013
University of Wales Swansea	4,449	2,794	683	7,926
University of Wales College of Medicine	4,645	0	0	4,645
University of Wales Institute, Cardiff	0	0	0	0
University of Wales College, Newport	875	0	0	875
North East Wales Institute	0	0	0	0
Swansea Institute of Higher Education	1,149	0	0	1,149
Trinity College Carmarthen	0	0	0	0
Welsh College of Music and Drama	0	0	0	0
<b>Total</b>	<b>20,907</b>	<b>18,278</b>	<b>8,018</b>	<b>47,203</b>

**Coverage** All non credit bearing courses in higher education institutions in Wales

**Notes** 1 Other includes access and leisure oriented courses.  
2 Liberal Adult Education includes some Welsh for Adults courses.

**Source** 1998/99 HESA Non Credit Bearing Course Record



Table 8.4: Change in the number of higher education students by institution 1997/98 to 1998/99

Institution	1997/98		1998/99		Percentage Change 1997/98 to 1998/99	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
University of Glamorgan	10,381	4,700	10,477	6,762	1	44
University of Wales, Aberystwyth	7,201	2,445	6,903	3,841	-4	57
University of Wales, Bangor	6,956	2,971	7,020	3,040	1	2
Cardiff University	14,713	5,482	15,658	4,957	6	-10
University of Wales, Lampeter	1,646	665	1,401	853	-15	28
University of Wales Swansea	9,284	3,688	9,242	3,835	0	4
University of Wales College of Medicine	2,332	875	2,326	864	0	-1
University of Wales Institute, Cardiff	5,727	2,074	5,904	2,069	3	0
University of Wales College, Newport	2,975	4,574	3,004	4,621	1	1
North East Wales Institute	2,675	2,222	2,637	2,297	-1	3
Swansea Institute of Higher Education	2,894	1,319	3,129	1,582	8	20
Trinity College Carmarthen	1,501	89	1,197	66	-20	-26
Welsh College of Music and Drama	542	57	513	38	-5	-33
Aberdare College	0	16	1	0	0	-100
Afan College	32	0	0	0	-100	0
Bridgend College	0	17	0	19	0	12
Carmarthenshire College	247	361	283	81	15	-78
Coleg Ceredigion	0	14	0	0	0	-100
Deeside College	20	29	0	68	-100	134
Coleg Glan Hafren	19	141	4	83	-79	-41
Gorseinon College	0	15	0	0	0	-100
Coleg Gwent	45	99	22	85	-51	-14
Coleg Llandrillo	109	157	117	97	7	-38
Coleg Llysfasi	0	46	0	33	0	-28
Coleg Meirion-Dwyfor	1	39	1	36	0	-8
Coleg Menai	29	131	31	36	7	-73
Merthyr Tydfil College	7	33	0	9	-100	-73
Neath College	106	276	129	238	22	-14
Pembrokeshire College	34	90	0	0	-100	-100
Pencoed College	0	0	0	10	0	0
Pontypridd College	2	92	1	71	-50	-23
Coleg Powys	1	149	2	172	100	15
Swansea College	2	184	9	145	350	-21
Welsh College of Horticulture	29	21	15	9	-48	-57
Yale College	1	7	0	0	-100	-100
Ystrad Mynach College	13	114	0	26	-100	-77
<b>Total</b>	<b>69,524</b>	<b>33,192</b>	<b>70,026</b>	<b>36,043</b>	<b>1</b>	<b>9</b>

**Coverage** All higher education and further education institutions with HE provision in Wales

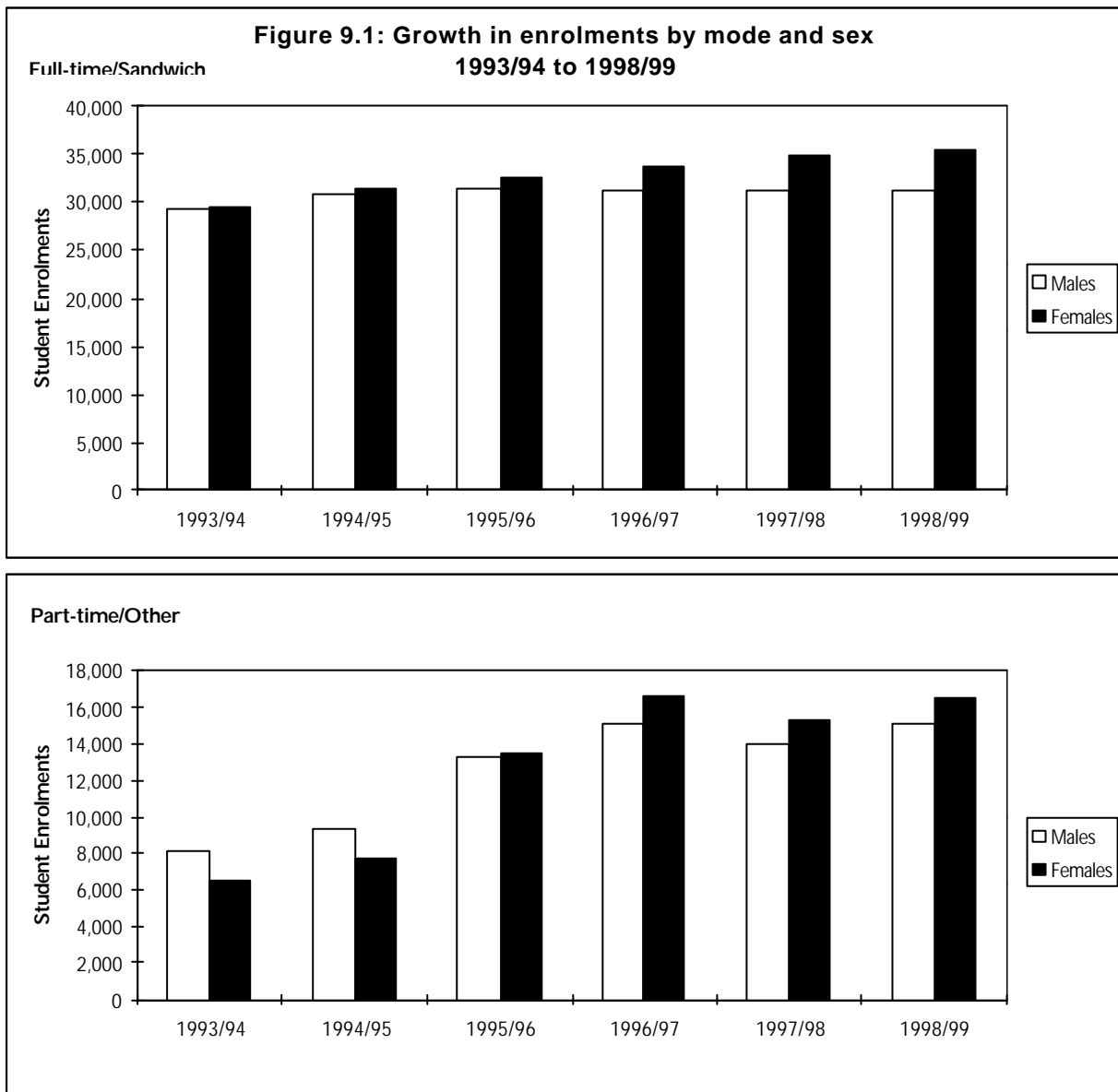
- Notes**
- 1 1997/98 figures for FEIs are calculated retrospectively on the same basis as 1998/99 (see Appendix A).
  - 2 Around 10 per cent of HE students franchised to FE Colleges have been incorrectly recorded in the ISR as enrolled at the FE College. Data for FE colleges should therefore be treated with caution. (There are high proportions of miscodings at Neath, Powys and Welsh College of Horticulture.)
  - 3 Changes in FEI enrolments partly reflect improved data recording in 1998/99.

**Source** 1997/98 and 1998/99 HESA Student Record  
1997/98 and 1998/99 ISR (Individualised Student Record)

## SECTION 9: TRENDS AND PARTICIPATION RATES IN HIGHER EDUCATION

There has been a steady growth in the numbers of student enrolments in higher education in Wales since 1993/94. Between 1993/94 and 1998/99, the number of student enrolments on higher education courses at further and higher education institutions in Wales on the autumn term census date has risen by 13 per cent for full-time and more than doubled for part-time. In addition, enrolments on Open University courses of students domiciled in Wales have risen by 17 per cent. [Table 9.1]

The growth in the number of full-time students between 1993/94 and 1998/99 was almost entirely due to growth in the number of students aged under 21. [Table 9.2]



To some extent the growth shown in the tables must be treated with caution as it reflects changing methods of recording student numbers since 1993/94; in particular, the introduction of the first HESA student record in 1994/95. Previously, the constituent institutions of the University of Wales (see Appendix B) had returned data via the Universities Statistical Record (USR) and other institutions, with the exception of the Open University, had returned their data via the FESR. The growth also reflects the introduction of new categories of students. The inclusion of credit bearing continuing education (CE) within the HESA record for the first time in 1995/96 significantly increased recorded numbers of enrolments on 'other undergraduate' courses (CE estimated to be around 5,000 enrolments on the

census date). In addition, the move in 1994/95 to counting student enrolments rather than individual students led to a small increase in the numbers shown.

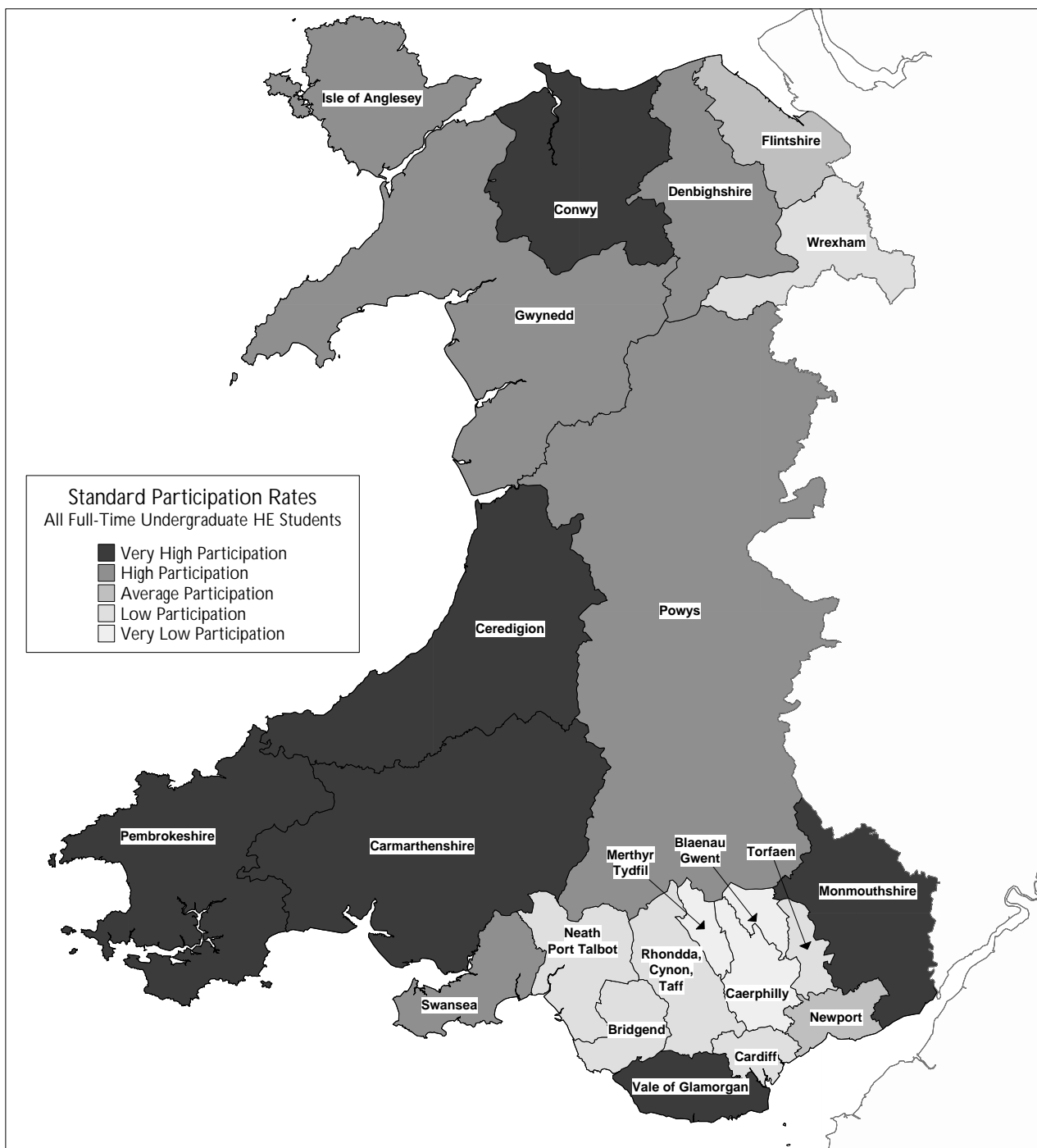
The growth in enrolment numbers for women has been much more marked than for men. In 1998/99 there were 44 per cent more female students in higher education than in 1993/94 whilst the number of male students rose by 23 per cent. An effect of this is that whereas in 1993/94 51 per cent of the student population was male, by 1998/99 there were more female students than male students, with 53 per cent of the student population being female. [Table 9.3]

The largest growth in the higher education sector has been in the area of first degree and postgraduate student enrolments which both increased by 10 per cent between 1995/96 and 1998/99, whilst over the same period other undergraduate numbers rose by only 4 per cent. [Table 9.5]

The trend towards Welsh students studying in Wales has continued. In 1998/99, 59 per cent of Welsh full-time or sandwich higher education students at higher education institutions in the United Kingdom were studying at an institution within Wales. Fifty two per cent of all UK full-time and sandwich students enrolled at Welsh higher education institutions were Welsh. [Table 9.6]

Figure 9.2 shows higher education participation rates by unitary authority, for all Welsh domiciled, full-time undergraduates who are studying at a higher or further education institution within the UK. The participation rates are standardised according to the national average (taking into account each region's population profile by age and sex) and in the figure they are displayed in five bands from very low to very high participation. The regions with the lowest rates of participation in higher education are all in the Valleys region of South East Wales, namely Blaenau Gwent, Caerphilly and Merthyr Tydfil. These are areas which are known to have significant social and economic deprivation. In contrast, the highest participation rates are found in relatively affluent Ceredigion and Monmouthshire, closely followed by the Vale of Glamorgan, Pembrokeshire, Conwy and Carmarthenshire. Further participation rate analysis can be found in HEFCW publication, *Participation Rates for Welsh Students in Higher Education within the UK during 1998/99*. [Figure 9.2]

**Figure 9.2: Participation rates for all Welsh domiciled full-time undergraduate students, studying in the UK 1998/99**



TRENDS AND PARTICIPATION RATES IN HIGHER EDUCATION

**Table 9.1: Trends in higher education students (at HEIs and FEIs) 1993/94 to 1998/99 by mode of attendance**

	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99
<b>Further and Higher Education Institutions:</b>						
Full-time/sandwich	58,745	62,177	64,106	64,979	66,109	66,527
Part-time/other	14,667	17,146	26,703	31,712	29,344	31,684
<b>Total</b>	<b>73,412</b>	<b>79,323</b>	<b>90,809</b>	<b>96,691</b>	<b>95,453</b>	<b>98,211</b>
<b>Open University:</b>						
Part-time	4,376	4,441	5,097	5,148	5,177	5,100
<b>Total</b>	<b>77,788</b>	<b>83,764</b>	<b>95,906</b>	<b>101,839</b>	<b>100,630</b>	<b>103,311</b>

**Coverage** All higher education students at higher education and further education institutions in Wales

- Notes**
- 1 Mode definitions vary (see Appendix B).
  - 2 At November or December each year (see Appendix B).
  - 3 OU teaching year runs from February to October each year. Totals include some full-time postgraduates.
  - 4 1993/94 figures refer to individual students whereas 1994/95, 1995/96, 1996/97, 1997/98 and 1998/99 figures refer to enrolments.
  - 5 Welsh Office: 'Further and Higher Education and Training Statistics in Wales : 1996' (for 1993/94 and 1994/95), Table 3.01.

**Source** HESA Student Record, Open University, Welsh Office, Further Education Student Record, ISR

**Table 9.2: Trends in higher education students (at HEIs and FEIs) 1993/94 to 1998/99 by mode of attendance and age**

	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99
<b>Further and Higher Education Institutions:</b>						
<b>Full-time/sandwich:</b>						
Aged 16-18	6,502	8,141	8,759	9,340	10,318	10,205
19-20	21,357	22,409	22,992	23,285	24,295	25,825
21-24	18,863	18,864	19,395	18,933	18,460	18,093
25 and over	12,019	12,703	12,887	13,365	13,006	12,334
All ages	58,745	62,177	64,106	64,979	66,109	66,527
<b>Part-time/other</b>						
All ages	14,667	17,146	26,703	31,712	29,344	31,684
<b>Total all ages</b>	<b>73,412</b>	<b>79,323</b>	<b>90,809</b>	<b>96,691</b>	<b>95,453</b>	<b>98,211</b>
<b>Open University:</b>						
<b>Part-time undergraduates</b>						
Aged Under 21	12	6	5	58	45	48
21-24	154	126	102	145	203	224
25 and over	3,359	3,506	3,553	4,021	3,999	3,950
All ages	3,525	3,638	3,660	4,224	4,247	4,222
<b>Total</b>	<b>76,937</b>	<b>82,961</b>	<b>94,469</b>	<b>100,915</b>	<b>99,700</b>	<b>102,433</b>

**Coverage** All higher education students at higher education and further education institutions in Wales

- Notes**
- 1 Ages at 31 August 1998 for further and higher education institutions (OU as at 1st January).
  - 2 Total for all ages includes age unknown.
  - 3 OU figures for undergraduates at February each year (postgraduates are not included in this table).
  - 4 1993/94 figures refer to individual students whereas 1994/95, 1995/96, 1996/97, 1997/98 and 1998/99 figures refer to enrolments.
  - 5 Welsh Office: 'Further and Higher Education and Training Statistics in Wales : 1996' (for 1993/94 and 1994/95), Table 3.03.

**Source** HESA Student Record, Open University, Welsh Office, Further Education Student Record, ISR

## TRENDS AND PARTICIPATION RATES IN HIGHER EDUCATION

**Table 9.3: Trends in higher education students (at HEIs and FEIs) 1993/94 to 1998/99 by mode of attendance and sex**

	1993/94		1994/95		1995/96		1996/97		1997/98		1998/99	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<b>Further and Higher Education Institutions:</b>												
Full-time/sandwich	29,225	29,520	30,711	31,466	31,465	32,641	31,216	33,763	31,305	34,804	31,222	35,305
Part-time/other	8,151	6,516	9,399	7,747	13,221	13,482	15,103	16,609	14,052	15,292	15,099	16,585
<b>Total</b>	<b>37,376</b>	<b>36,036</b>	<b>40,110</b>	<b>39,213</b>	<b>44,686</b>	<b>46,123</b>	<b>46,319</b>	<b>50,372</b>	<b>45,357</b>	<b>50,096</b>	<b>46,321</b>	<b>51,890</b>
<b>Open University</b>												
Part-time undergraduates	1,971	1,554	1,982	1,656	1,924	1,736	2,139	2,085	2,116	2,131	2,060	2,162
<b>Total</b>	<b>39,347</b>	<b>37,590</b>	<b>42,092</b>	<b>40,869</b>	<b>46,610</b>	<b>47,859</b>	<b>48,458</b>	<b>52,457</b>	<b>47,473</b>	<b>52,227</b>	<b>48,381</b>	<b>54,052</b>

**Coverage** All higher education students at higher education and further education institutions in Wales

- Notes**
- 1 Mode definitions vary (see Appendix B).
  - 2 At November or December each year (see Appendix B).
  - 3 OU teaching year runs from February to October each year.
  - 4 1993/94 figures refer to individual students whereas 1994/95, 1995/96, 1996/97, 1997/98 and 1998/99 figures refer to enrolments.
  - 5 Welsh Office: 'Further and Higher Education and Training Statistics in Wales : 1996' (for 1993/94 and 1994/95), Table 3.02

**Source** HESA Student Record, Open University, Welsh Office, Further Education Student Record, ISR

**Table 9.4: Trends in higher education students (at HEIs and FEIs) 1993/94 to 1998/99 by institution**

Institution	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99
University of Glamorgan	13,896	14,471	14,501	16,921	14,588	16,709
University of Wales, Aberystwyth	5,767	6,555	8,139	9,092	9,088	9,950
Welsh Agricultural College	407					
University of Wales, Bangor	5,509	6,086	7,958	8,668	8,700	8,786
Coleg Normal	1,047	1,039	1,029			
Cardiff University	13,110	14,028	17,833	19,270	18,469	18,857
University of Wales, Lampeter	1,472	1,586	1,757	1,772	2,214	2,038
University of Wales Swansea	8,807	9,655	11,395	11,466	11,734	11,961
University of Wales College of Medicine	1,725	2,021	2,488	2,704	2,908	2,883
University of Wales Institute, Cardiff	6,276	7,329	7,692	7,320	7,613	7,729
University of Wales College, Newport	5,367	5,936	6,433	7,148	7,091	7,100
North East Wales Institute	3,340	3,577	3,783	4,187	4,367	4,258
Swansea Institute of Higher Education	3,809	4,011	3,897	3,996	4,043	4,455
Trinity College Carmarthen	1,409	1,607	1,571	1,592	1,544	1,255
Welsh College of Music and Drama	506	483	525	553	580	546
Open University	4,376	4,441	5,097	5,148	5,177	5,100
FE institutions	1,072	937	1,808	2,002	2,514	1,684
<b>Total</b>	<b>77,895</b>	<b>83,762</b>	<b>95,906</b>	<b>101,839</b>	<b>100,630</b>	<b>103,311</b>

**Coverage** All higher education students at higher education and further education institutions in Wales

- Notes**
- 1 At November or December each year (see Appendix B).
  - 2 Welsh Agricultural College became part of University of Wales, Aberystwyth during 1994/95.
  - 3 Coleg Normal merged with University of Wales, Bangor 1996/97.
  - 4 All figures 1993/94 to 1998/99 refer to enrolments.
  - 5 Welsh Office: 'Further and Higher Education and Training Statistics in Wales : 1996' (for 1993/94 and 1994/95), Table 3.05.
  - 6 OU totals include some full-time postgraduates.

**Source** HESA Student Record, Welsh Office, Further Education Student Record, ISR

## TRENDS AND PARTICIPATION RATES IN HIGHER EDUCATION

**Table 9.5: Trends in higher education students (at HEIs and FEIs) 1993/94 to 1998/99 by level of study and sex**

	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99
<b>Further and Higher Education Institutions:</b>						
<b>Men:</b>						
Postgraduate	7,109	7,116	8,863	9,454	8,956	9,348
First degree	20,651	22,949	23,915	24,697	25,021	25,349
Other undergraduate	9,616	10,045	11,908	12,168	11,380	11,624
<b>All</b>	<b>37,376</b>	<b>40,110</b>	<b>44,686</b>	<b>46,319</b>	<b>45,357</b>	<b>46,321</b>
<b>Women:</b>						
Postgraduate	8,547	5,801	7,397	8,025	8,010	8,536
First degree	19,551	24,400	25,762	27,315	28,472	29,177
Other undergraduate	7,937	9,012	12,964	15,032	13,614	14,177
<b>All</b>	<b>36,036</b>	<b>39,213</b>	<b>46,123</b>	<b>50,372</b>	<b>50,096</b>	<b>51,890</b>
<b>Total FE and HE institutions</b>	<b>73,412</b>	<b>79,323</b>	<b>90,809</b>	<b>96,691</b>	<b>95,453</b>	<b>98,211</b>
<b>Open University</b>						
<b>Men and women:</b>						
Postgraduate	285	280	480	924	930	878
Associate students	566	523	957	0	0	0
<b>All</b>	<b>851</b>	<b>803</b>	<b>1,437</b>	<b>924</b>	<b>930</b>	<b>878</b>
<b>Men:</b>						
Undergraduate	1,971	1,982	1,924	2,139	2,116	2,060
<b>Women:</b>						
Undergraduate	1,554	1,656	1,736	2,085	2,131	2,162
<b>All undergraduates</b>	<b>3,525</b>	<b>3,638</b>	<b>3,660</b>	<b>4,224</b>	<b>4,247</b>	<b>4,222</b>
<b>Total Open University</b>	<b>4,376</b>	<b>4,441</b>	<b>5,097</b>	<b>5,148</b>	<b>5,177</b>	<b>5,100</b>
<b>Total</b>	<b>77,788</b>	<b>83,764</b>	<b>95,906</b>	<b>101,839</b>	<b>100,630</b>	<b>103,311</b>

**Coverage** All higher education students at higher education and further education institutions in Wales

- Notes**
- 1 At November or December each year (see Appendix B).
  - 2 1993/94 figures refer to individual students whereas 1994/95, 1995/96, 1996/97, 1997/98 and 1998/99 figures refer to enrolments.
  - 3 Welsh Office: 'Further and Higher Education and Training Statistics in Wales ; 1996' (for 1993/94 and 1994/95), Table 3.06.
  - 4 Since 1996 the Open University has not had associate students. All students are classed as undergraduate or postgraduate depending on the level of the course they are studying.

**Source** HESA Student Record, Open University, Welsh Office, Further Education Student Record, ISR

TRENDS AND PARTICIPATION RATES IN HIGHER EDUCATION

**Table 9.6: Cross boundary flows for full-time/sandwich higher education students  
1998/99**

**Undergraduate Students**

	Studying in				Total	Studying in home country %
	Wales	England	Scotland	Northern Ireland		
Welsh students	26,694	18,706	462	8	45,870	58
English students	25,275	701,327	16,296	219	743,117	94
Scottish students	219	5,706	80,110	40	86,075	93
Northern Ireland students	388	6,239	5,477	21,245	33,349	64
<b>Total</b>	<b>52,663</b>	<b>733,685</b>	<b>102,354</b>	<b>21,512</b>	<b>910,214</b>	

**Postgraduate Students**

	Studying in				Total	Studying in home country %
	Wales	England	Scotland	Northern Ireland		
Welsh students	3,091	1,633	77	2	4,803	64
English students	1,720	69,036	1,737	74	72,567	95
Scottish students	59	1,538	7,825	22	9,444	83
Northern Ireland students	54	722	261	2,441	3,478	70
<b>Total</b>	<b>4,925</b>	<b>73,244</b>	<b>9,906</b>	<b>2,539</b>	<b>90,614</b>	

**Total Students**

	Studying in				Total	Studying in home country %
	Wales	England	Scotland	Northern Ireland		
Welsh students	29,785	20,339	539	10	50,673	59
English students	26,995	770,363	18,033	293	815,684	94
Scottish students	278	7,244	87,935	62	95,519	92
Northern Ireland students	442	6,961	5,738	23,686	36,827	64
<b>Total</b>	<b>57,588</b>	<b>806,929</b>	<b>112,260</b>	<b>24,051</b>	<b>1,000,828</b>	

**Coverage** United Kingdom domiciled higher education students at higher education institutions in the U.K.

- Notes**
- 1 As at December 1998
  - 2 Figures exclude students from the Channel Islands and Isle of Man
  - 3 Welsh students defined as students normally domiciled in Wales.  
English students defined as students normally domiciled in England.  
Scottish students defined as students normally domiciled in Scotland.  
Northern Ireland students defined as students normally domiciled in Northern Ireland.
  - 4 Column totals include UK unknown.

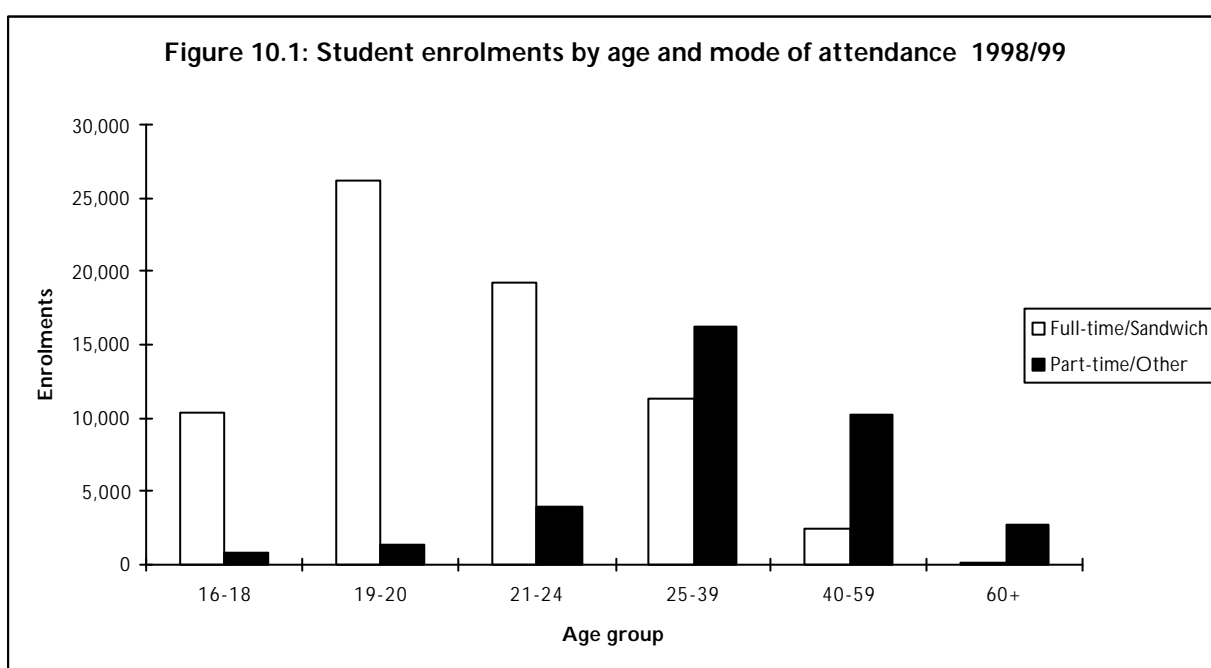
**Source** 1998/99 HESA Student Record



## SECTION 10: HIGHER EDUCATION ENROLMENTS AT HIGHER EDUCATION INSTITUTIONS

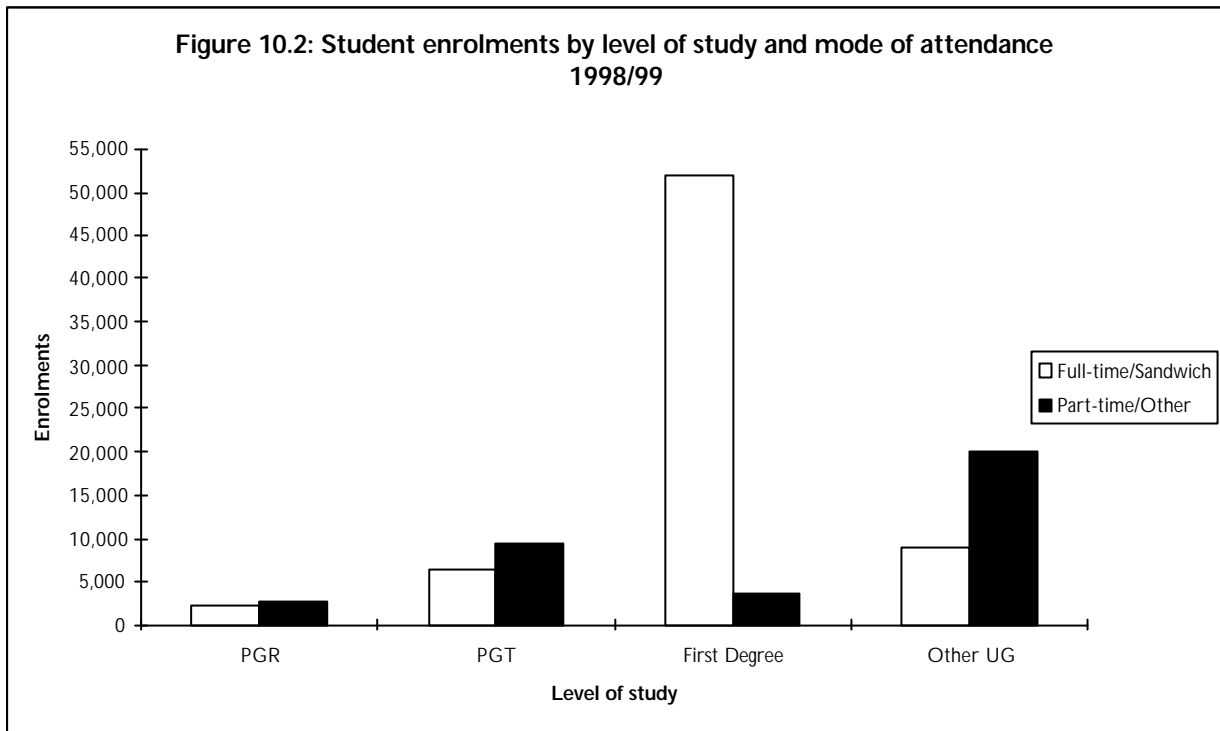
In 1998/99, there were 105,534 higher education students enrolled at higher education institutions in Wales including those who were franchised out to further education institutions. Note that the basis of the tables in this and subsequent sections is different from that adopted for Section 9. The tables relate to all students enrolled during the academic year rather than those enrolled on the 1 December census date, and include only those students enrolled at higher education institutions in Wales. They exclude the Open University students who are domiciled in Wales, as they are classified by HESA under the location of the institution (ie England), and they also exclude all students enrolled at further education institutions and students on non-credit bearing courses.

The pattern of enrolment by student age is very different between full-time and part-time students. Just over half (53 per cent) of all full-time and sandwich students were aged under 21, with 3 per cent aged 40 or over. By contrast, only 6 per cent of part-timers were under 21 and 37 per cent were aged 40 and over. [Table 10.1 and Figure 10.1]



Forty five per cent of full-time students studying in Wales were domiciled in Wales and nearly four fifths (78 per cent) of part-time students were Welsh. Part-time students include those on distance learning programmes. Although the majority of higher education students were from the UK, appreciable minorities (12 per cent) were domiciled in other countries. In both full-time and part-time modes, female overseas students were less well represented than male overseas students. [Table 10.2]

Two thirds (66 per cent) of all undergraduate students were studying for first degrees and the vast majority of these were studying full-time. However, for undergraduate students not on first degree courses, 69 per cent were studying part-time and only 31 per cent were full-time students. These other undergraduates include those who were studying for courses such as HNDs or HNCS, as well as large numbers of continuing education student enrolments at the University of Wales institutions of Aberystwyth, Bangor, Cardiff and Swansea. At postgraduate level, three quarters of student enrolments (75 per cent) were on taught courses. The research students were mainly studying at the constituent institutions of the University of Wales (see Appendix B), with 88 per cent of all postgraduate research students enrolled at these institutions. In comparison, 57 per cent of the entire student population was enrolled at the constituent institutions of the University of Wales. [Table 10.5 and Figure 10.2]



Female students made up 54 per cent of all undergraduate students, however only 47 per cent of the 20,982 postgraduate students (including PGCE students) were female. [Table 10.4]

The most popular subjects of study across the whole student population were Combined Studies (14 per cent) and Business and Administration (13 per cent), but the choices were different for men and women.

Fifteen per cent of male students chose Engineering and Technology, 14 per cent Business and Administration and only 11 per cent Combined Studies, whereas amongst female students Combined Studies was most popular with 16 per cent, followed by Subjects Allied to Medicine and Business and Administration (both 13 per cent). In many subject areas, there was a reasonable balance between the sexes, but in Education, Subjects Allied to Medicine and Languages, women predominated, whereas men significantly outnumbered women in Engineering and Technology, Computer Science and Architecture, Building and Planning. [Table 10.6 and Figure 10.3]

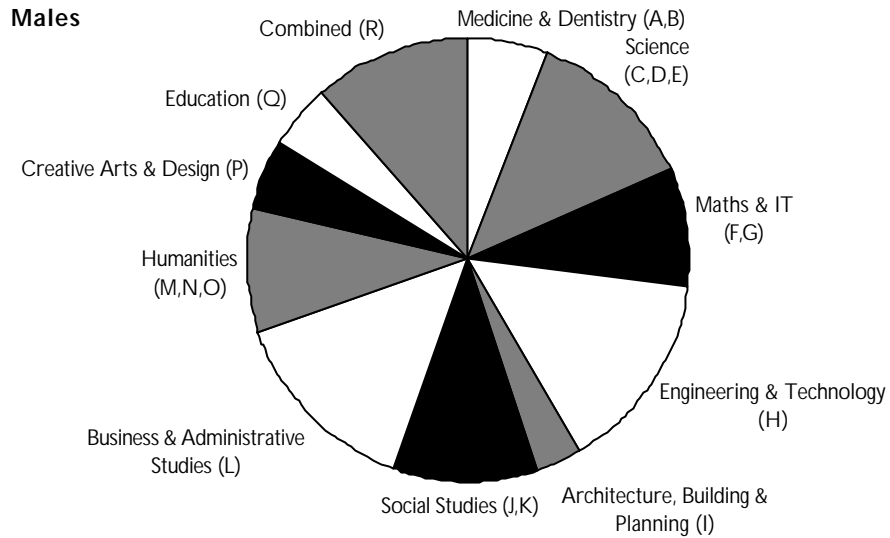
In 1998/99 there were 2,990 students enrolled on first degree courses leading to qualified teacher status and 1,387 taking Postgraduate Certificate of Education (PGCE) courses. Initial Teacher Training (ITT) students were predominately female with women accounting for 78 per cent of all ITT students. Of students on ITT courses, 74 per cent were training to be primary school teachers and only 1,122 were training to teach students of secondary school age. [Tables 10.8 and 10.9]

In 1998/99, ethnicity data at higher education institutions were available for 88 per cent of full-time students and 83 per cent of part-time students. Of the students for which ethnic data were available, just over 6 per cent (5,880 enrolments) were from ethnic minorities. In comparison, the 1991 census found that 2.2 per cent of the Welsh population aged under 25 were from ethnic minorities. Although 53 per cent of the total student population was female, this was reversed in the ethnic minority student population where 57 per cent was male. [Table 10.10]

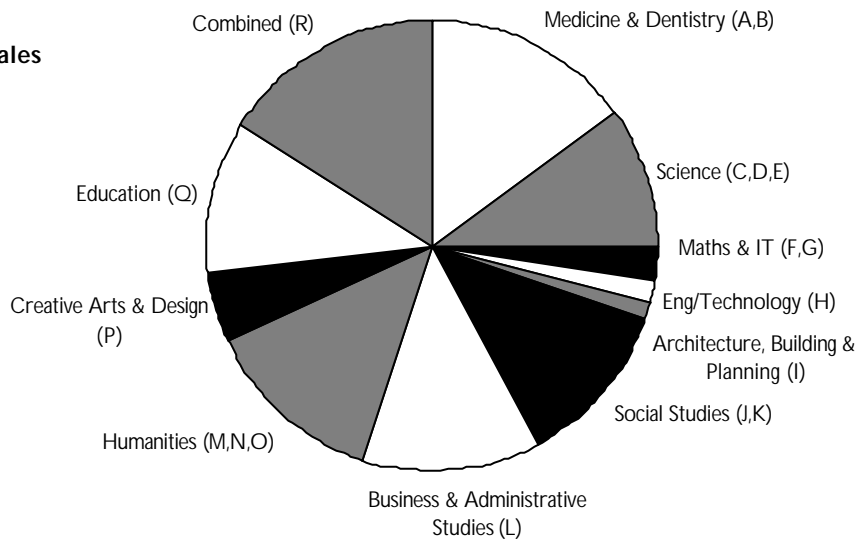
Of the students enrolled at higher education institutions in Wales just under 4 per cent (3,830 enrolments) were known to be disabled. [Table 10.11]

**Figure 10.3: Subject of study by sex 1998/99**

**Males**



**Females**



		Males	Females
A	Medicine & Dentistry	2%	2%
B	Subjects Allied to Medicine	4%	13%
C	Biological Sciences	6%	7%
D	Agriculture & Related subjects	2%	1%
E	Physical Sciences	5%	2%
F	Mathematical Sciences	1%	1%
G	Computer Science	8%	2%
H	Engineering & Technology	15%	2%
I	Architecture, Building & Planning	3%	1%
J	Social, Economic & Political Studies	7%	9%
K	Law	3%	4%
L	Business & Administrative Studies	14%	13%
M	Librarianship & Information Science	1%	2%
N	Languages	3%	7%
O	Humanities	4%	4%
P	Creative Arts & Design	5%	5%
Q	Education	5%	11%
R	Combined	11%	16%

## HIGHER EDUCATION ENROLMENTS AT HIGHER EDUCATION INSTITUTIONS

**Table 10.1: Student enrolments by sex, age group and mode of attendance 1998/99**

### Full-time / sandwich student enrolments

Age Group	Male		Female		Total	
	No.	%	No.	%	No.	%
Under 16	0	0	0	0	0	0
16-18	4,692	14	5,744	16	10,436	15
19-20	11,836	36	14,276	39	26,112	38
21-24	9,532	29	9,659	26	19,191	28
25-39	5,542	17	5,697	15	11,239	16
40-59	1,012	3	1,405	4	2,417	3
60+	40	0	28	0	68	0
<b>Total</b>	<b>32,680</b>		<b>36,858</b>		<b>69,538</b>	

### Part-time / other student enrolments

Age Group	Male		Female		Total	
	No.	%	No.	%	No.	%
Under 16	2	0	5	0	7	0
16-18	377	2	333	2	710	2
19-20	928	6	462	2	1,390	4
21-24	2,096	12	1,916	10	4,012	11
25-39	8,031	48	8,275	44	16,306	46
40-59	4,297	26	5,972	32	10,269	29
60+	1,065	6	1,680	9	2,745	8
<b>Total</b>	<b>16,990</b>		<b>19,006</b>		<b>35,996</b>	

### All student enrolments

Age Group	Male		Female		Total	
	No.	%	No.	%	No.	%
Under 16	2	0	5	0	7	0
16-18	5,069	10	6,077	11	11,146	11
19-20	12,764	26	14,738	27	27,502	26
21-24	11,628	24	11,575	21	23,203	22
25-39	13,573	27	13,972	25	27,545	26
40-59	5,309	11	7,377	13	12,686	12
60+	1,105	2	1,708	3	2,813	3
<b>Total</b>	<b>49,670</b>		<b>55,864</b>		<b>105,534</b>	

**Coverage** All higher education student enrolments at higher education institutions in Wales

- Notes**
- 1 Age as at 31 August 1998.
  - 2 Instances of unknown age included in the total row.
  - 3 Percentages are based on totals excluding age not known.
  - 4 Aged under 16 is taken as aged between 11 and 15 inclusive.

**Source** 1998/99 HESA Student Record

## HIGHER EDUCATION ENROLMENTS AT HIGHER EDUCATION INSTITUTIONS

**Table 10.2: Student enrolments by country of domicile, sex and mode of attendance 1998/99**

### Full-time / sandwich student enrolments

Country of Domicile	Male		Female		Total	
	No.	%	No.	%	No.	%
England	13,208	40	14,409	39	27,617	40
Wales	13,725	42	17,784	48	31,509	45
Scotland	145	0	149	0	294	0
Northern Ireland	215	1	247	1	462	1
CI and IOM	72	0	58	0	130	0
Other EU	2,860	9	2,510	7	5,370	8
Other overseas	2,455	8	1,701	5	4,156	6
<b>Total</b>	<b>32,680</b>		<b>36,858</b>		<b>69,538</b>	

### Part-time / other student enrolments

Country of Domicile	Male		Female		Total	
	No.	%	No.	%	No.	%
England	2,256	13	2,165	11	4,421	12
Wales	12,617	74	15,447	81	28,064	78
Scotland	85	1	141	1	226	1
Northern Ireland	29	0	45	0	74	0
CI and IOM	8	0	12	0	20	0
Other EU	611	4	467	2	1,078	3
Other overseas	1,384	8	729	4	2,113	6
<b>Total</b>	<b>16,990</b>		<b>19,006</b>		<b>35,996</b>	

### All student enrolments

Country of Domicile	Male		Female		Total	
	No.	%	No.	%	No.	%
England	15,464	31	16,574	30	32,038	30
Wales	26,342	53	33,231	59	59,573	56
Scotland	230	0	290	1	520	0
Northern Ireland	244	0	292	1	536	1
CI and IOM	80	0	70	0	150	0
Other EU	3,471	7	2,977	5	6,448	6
Other overseas	3,839	8	2,430	4	6,269	6
<b>Total</b>	<b>49,670</b>		<b>55,864</b>		<b>105,534</b>	

**Coverage** All higher education student enrolments at higher education institutions in Wales

**Notes** 1 Where domicile of student is unknown, domicile has been assumed to be country in which student's institution is situated.  
2 CI= The Channel Islands and IOM=Isle of Man.

**Source** 1998/99 HESA Student Record

## HIGHER EDUCATION ENROLMENTS AT HIGHER EDUCATION INSTITUTIONS

**Table 10.3: Student enrolments from abroad by country of origin 1998/99**

Country of origin	Total
<b>EU countries</b>	<b>6,448</b>
Greece	1,928
Ireland (Republic of)	1,298
France	883
Germany	670
Spain	510
Italy	260
Finland	200
Sweden	140
Portugal	137
Netherlands	105
EU Other	317
<b>Non EU countries</b>	<b>6,269</b>
Malaysia	792
U.S.A.	583
India	434
Hong Kong	417
Singapore	290
Japan	211
Jamaica	200
China	192
Kenya	181
Canada	157
Nigeria	144
Saudi Arabia	142
Pakistan	138
Cyprus	127
Brunei	123
Other non EU countries	2,138
<b>Total</b>	<b>12,717</b>

**Coverage** All overseas higher education student enrolments at higher education institutions in Wales

**Note** The totals for 'EU Other' and 'Other non EU countries' include all counts of less than a hundred.

**Source** 1998/99 HESA Student Record

## HIGHER EDUCATION ENROLMENTS AT HIGHER EDUCATION INSTITUTIONS

**Table 10.4: Student enrolments by level of study, age group, sex and mode of attendance 1998/99**

**Full-time / sandwich student enrolments**

Age Group	Postgraduate		First Degree		Other Undergraduate		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
16-18	0	0	4,185	5,275	507	469	4,692	5,744
19-20	34	33	10,478	12,746	1,324	1,497	11,836	14,276
21-24	2,085	2,071	6,362	6,060	1,085	1,528	9,532	9,659
25-39	2,212	1,540	2,631	2,830	699	1,327	5,542	5,697
40-59	402	294	468	781	142	330	1,012	1,405
60 and over	10	3	26	24	4	1	40	28
<b>Total</b>	<b>4,745</b>	<b>3,941</b>	<b>24,163</b>	<b>27,732</b>	<b>3,772</b>	<b>5,185</b>	<b>32,680</b>	<b>36,858</b>

**Part-time / other student enrolments**

Age Group	Postgraduate		First Degree		Other Undergraduate		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
16-18	3	1	10	4	364	328	377	333
19-20	3	2	88	44	837	416	928	462
21-24	559	639	357	187	1,180	1,090	2,096	1,916
25-39	3,739	3,291	880	1,011	3,412	3,973	8,031	8,275
40-59	1,906	1,971	306	659	2,085	3,342	4,297	5,972
60 and over	104	57	32	31	929	1,592	1,065	1,680
<b>Total</b>	<b>6,325</b>	<b>5,971</b>	<b>1,676</b>	<b>1,951</b>	<b>8,989</b>	<b>11,084</b>	<b>16,990</b>	<b>19,006</b>

**All student enrolments**

Age Group	Postgraduate		First Degree		Other Undergraduate		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
16-18	3	1	4,195	5,279	871	797	5,069	6,077
19-20	37	35	10,566	12,790	2,161	1,913	12,764	14,738
21-24	2,644	2,710	6,719	6,247	2,265	2,618	11,628	11,575
25-39	5,951	4,831	3,511	3,841	4,111	5,300	13,573	13,972
40-59	2,308	2,265	774	1,440	2,227	3,672	5,309	7,377
60 and over	114	60	58	55	933	1,593	1,105	1,708
<b>Total</b>	<b>11,070</b>	<b>9,912</b>	<b>25,839</b>	<b>29,683</b>	<b>12,761</b>	<b>16,269</b>	<b>49,670</b>	<b>55,864</b>

**Coverage** All higher education student enrolments at higher education institutions in Wales

**Notes** 1 Age as at 31 August 1998.  
2 Instances of unknown age are included in the total row.

**Source** 1998/99 HESA Student Record

## HIGHER EDUCATION ENROLMENTS AT HIGHER EDUCATION INSTITUTIONS

**Table 10.5: Student enrolments by level of study, institution and mode of attendance 1998/99**

### Full-time / sandwich student enrolments

Institution	Postgraduate Research	Postgraduate Taught	First Degree	Other Undergraduate	Total
University of Glamorgan	141	469	8,097	1,795	10,502
University of Wales, Aberystwyth	273	594	5,666	381	6,914
University of Wales, Bangor	391	781	4,953	895	7,020
Cardiff University	803	2,741	11,711	439	15,694
University of Wales, Lampeter	53	75	1,217	56	1,401
University of Wales Swansea	568	684	6,455	1,537	9,244
University of Wales College of Medicine	80	61	1,361	824	2,326
University of Wales Institute, Cardiff	28	493	4,330	1,054	5,905
University of Wales College, Newport	45	204	2,386	374	3,009
North East Wales Institute	27	17	2,073	521	2,638
Swansea Institute of Higher Education	4	16	2,274	874	3,168
Trinity College Carmarthen	4	133	1,067	0	1,204
Welsh College of Music and Drama	0	1	305	207	513
<b>Total</b>	<b>2,417</b>	<b>6,269</b>	<b>51,895</b>	<b>8,957</b>	<b>69,538</b>

### Part-time / other student enrolments

Institution	Postgraduate Research	Postgraduate Taught	First Degree	Other Undergraduate	Total
University of Glamorgan	149	1,682	925	4,358	7,114
University of Wales, Aberystwyth	458	1,232	415	1,914	4,019
University of Wales, Bangor	174	1,558	0	1,361	3,093
Cardiff University	772	886	19	3,441	5,118
University of Wales, Lampeter	153	122	40	545	860
University of Wales Swansea	729	983	498	1,763	3,973
University of Wales College of Medicine	114	576	112	62	864
University of Wales Institute, Cardiff	77	629	312	1,065	2,083
University of Wales College, Newport	8	890	453	3,444	4,795
North East Wales Institute	43	433	379	1,476	2,331
Swansea Institute of Higher Education	55	498	473	616	1,642
Trinity College Carmarthen	26	39	1	0	66
Welsh College of Music and Drama	0	10	0	28	38
<b>Total</b>	<b>2,758</b>	<b>9,538</b>	<b>3,627</b>	<b>20,073</b>	<b>35,996</b>

**Coverage** All higher education student enrolments at higher education institutions in Wales

**Source** 1998/99 HESA Student Record



## HIGHER EDUCATION ENROLMENTS AT HIGHER EDUCATION INSTITUTIONS

**Table 10.6: Student enrolments by subject of study, mode of attendance and sex 1998/9**

Subject of Study	Full-time / Sandwich			Part time / Other			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Medicine & Dentistry	646	756	1,402	249	318	567	895	1,074	1,969
Subjects Allied to Medicine	1,501	4,828	6,329	452	2,406	2,858	1,953	7,234	9,187
Biological Sciences	2,479	3,242	5,721	446	395	841	2,925	3,637	6,562
Agriculture & Related subjects	655	506	1,161	131	142	273	786	648	1,434
Physical Sciences	2,102	1,078	3,180	446	218	664	2,548	1,296	3,844
Mathematical Sciences	449	319	768	23	17	40	472	336	808
Computer Science	2,569	515	3,084	1,173	606	1,779	3,742	1,121	4,863
Engineering & Technology	4,050	656	4,706	3,287	263	3,550	7,337	919	8,256
Architecture, Building & Planning	1,012	409	1,421	726	168	894	1,738	577	2,315
Social, Economic & Political Studies	1,923	2,976	4,899	1,718	1,815	3,533	3,641	4,791	8,432
Law	1,266	1,675	2,941	343	293	636	1,609	1,968	3,577
Business & Administrative Studies	4,452	3,897	8,349	2,547	3,153	5,700	6,999	7,050	14,049
Librarianship & Information Science	343	561	904	205	517	722	548	1,078	1,626
Languages	1,154	3,061	4,215	539	961	1,500	1,693	4,022	5,715
Humanities	1,520	1,542	3,062	667	652	1,319	2,187	2,194	4,381
Creative Arts & Design	2,381	2,366	4,747	269	433	702	2,650	2,799	5,449
Education	1,330	3,981	5,311	1,021	2,198	3,219	2,351	6,179	8,530
Combined	2,848	4,490	7,338	2,748	4,451	7,199	5,596	8,941	14,537
<b>Total</b>	<b>32,680</b>	<b>36,858</b>	<b>69,538</b>	<b>16,990</b>	<b>19,006</b>	<b>35,996</b>	<b>49,670</b>	<b>55,864</b>	<b>105,534</b>

**Coverage** All higher education student enrolments at higher education institutions in Wales

**Source** 1998/99 HESA Student Record

## HIGHER EDUCATION ENROLMENTS AT HIGHER EDUCATION INSTITUTIONS

**Table 10.7: Student enrolments by subject of study and institution 1998/99**

Subject of Study	UoG	UWA	UWB	CU	UWL	UWS	UWCM
Medicine & Dentistry	9	0	0	479	0	0	1,481
Subjects Allied to Medicine	1,334	0	1,296	1,109	0	1,965	1,709
Biological Sciences	759	1,161	1,334	1,508	0	1,013	0
Agriculture & Related subjects	83	797	405	0	0	0	0
Physical Sciences	307	834	417	1,213	39	644	0
Mathematical Sciences	119	120	50	397	0	122	0
Computer Science	1,556	607	0	464	1	340	0
Engineering & Technology	2,510	0	234	1,334	0	1,201	0
Architecture, Building & Planning	840	6	0	867	0	0	0
Social, Economic & Political Studies	797	957	1,757	899	427	1,811	0
Law	908	668	130	1,291	0	343	0
Business & Administrative Studies	4,719	491	275	2,252	25	528	0
Librarianship & Information Science	245	847	81	378	0	0	0
Languages	374	1,318	706	1,199	483	1,147	0
Humanities	371	555	451	934	1,037	728	0
Creative Arts & Design	472	887	166	211	0	0	0
Education	314	467	1,064	661	0	553	0
Combined	1,899	1,218	1,747	5,616	249	2,822	0
<b>Total</b>	<b>17,616</b>	<b>10,933</b>	<b>10,113</b>	<b>20,812</b>	<b>2,261</b>	<b>13,217</b>	<b>3,190</b>

Subject of Study	UWIC	UWCN	NEWI	SIHE	Trinity	WCMD
Medicine & Dentistry	0	0	0	0	0	0
Subjects Allied to Medicine	1,251	0	343	146	34	0
Biological Sciences	535	0	252	0	0	0
Agriculture & Related subjects	137	0	0	0	12	0
Physical Sciences	95	76	167	0	52	0
Mathematical Sciences	0	0	0	0	0	0
Computer Science	474	491	512	378	40	0
Engineering & Technology	417	1,109	829	622	0	0
Architecture, Building & Planning	202	0	213	187	0	0
Social, Economic & Political Studies	541	604	639	0	0	0
Law	0	13	0	224	0	0
Business & Administrative Studies	2,185	1,743	676	1,155	0	0
Librarianship & Information Science	7	56	12	0	0	0
Languages	0	180	114	112	82	0
Humanities	25	106	31	0	143	0
Creative Arts & Design	938	848	476	812	88	551
Education	1,181	2,111	603	894	682	0
Combined	0	467	102	280	137	0
<b>Total</b>	<b>7,988</b>	<b>7,804</b>	<b>4,969</b>	<b>4,810</b>	<b>1,270</b>	<b>551</b>

**Coverage** All higher education student enrolments at higher education institutions in Wales

**Note**

UoG	University of Glamorgan	UWIC	University of Wales Institute, Cardiff
UWA	University of Wales, Aberystwyth	UWCN	University of Wales College, Newport
UWB	University of Wales, Bangor	NEWI	North East Wales Institute
CU	Cardiff University	SIHE	Swansea Institute of Higher Education
UWL	University of Wales, Lampeter	Trinity	Trinity College Carmarthen
UWS	University of Wales Swansea	WCMD	Welsh College of Music and Drama
UWCM	University of Wales College of Medicine		

**Source** 1998/99 HESA Student Record

## HIGHER EDUCATION ENROLMENTS AT HIGHER EDUCATION INSTITUTIONS

**Table 10.8: Student enrolments on initial teacher training courses by subject of study, sex and initial teacher training aim 1998/99**

First degree leading to qualified teacher status

Level/subject	Males	Females	Total
<b>Primary</b>	<b>369</b>	<b>2,357</b>	<b>2,726</b>
<b>Secondary</b>	<b>120</b>	<b>144</b>	<b>264</b>
Art	0	0	0
Biology	0	0	0
Business Studies	18	25	43
Chemistry	0	0	0
Design & Technology	41	15	56
Drama	22	55	77
English	0	0	0
General/Integrated Science	0	0	0
Geography	0	0	0
History	0	0	0
Information Technology	0	0	0
Mathematics	21	13	34
Modern Foreign Languages	0	0	0
Music	13	12	25
Physical Education	0	0	0
Physics	0	0	0
Religious Education	0	0	0
Welsh	5	24	29
<b>Total</b>	<b>489</b>	<b>2,501</b>	<b>2,990</b>

Postgraduate Certificate of Education

Level/subject	Males	Females	Total
<b>Primary</b>	<b>110</b>	<b>419</b>	<b>529</b>
<b>Secondary</b>	<b>365</b>	<b>493</b>	<b>858</b>
Art	24	43	67
Biology	28	38	66
Business Studies	16	15	31
Chemistry	19	14	33
Design & Technology	20	26	46
Drama	2	8	10
English	18	61	79
General/Integrated Science	12	16	28
Geography	25	20	45
History	45	41	86
Information Technology	16	13	29
Mathematics	29	23	52
Modern Foreign Languages	12	72	84
Music	10	18	28
Physical Education	60	32	92
Physics	13	1	14
Religious Education	10	29	39
Welsh	6	23	29
<b>Total</b>	<b>475</b>	<b>912</b>	<b>1,387</b>

**Coverage** All higher education student enrolments on ITT courses leading to qualified teacher status at higher education institutions in Wales

**Source** 1998/99 HESA Student Record

## HIGHER EDUCATION ENROLMENTS AT HIGHER EDUCATION INSTITUTIONS

**Table 10.9: Student enrolments on initial teacher training courses  
by institution, level of study and initial teacher training aim 1998/99**

### First degree leading to qualified teacher status

Institution	Primary	Secondary	Total
University of Glamorgan	0	0	0
University of Wales, Aberystwyth	0	0	0
University of Wales, Bangor	481	23	504
Cardiff University	0	0	0
University of Wales, Lampeter	0	0	0
University of Wales, Swansea	0	0	0
University of Wales College of Medicine	0	0	0
University of Wales Institute, Cardiff	508	131	639
University of Wales College, Newport	425	67	492
North East Wales Institute	324	6	330
Swansea Institute of Higher Education	411	37	448
Trinity College Carmarthen	577	0	577
Welsh College of Music and Drama	0	0	0
<b>Total</b>	<b>2,726</b>	<b>264</b>	<b>2,990</b>

### Postgraduate Certificate of Education

Institution	Primary	Secondary	Total
University of Glamorgan	0	0	0
University of Wales, Aberystwyth	131	135	266
University of Wales, Bangor	66	145	211
Cardiff University	0	0	0
University of Wales, Lampeter	0	0	0
University of Wales Swansea	112	248	360
University of Wales College of Medicine	0	0	0
University of Wales Institute, Cardiff	98	254	352
University of Wales College, Newport	45	17	62
North East Wales Institute	0	16	16
Swansea Institute of Higher Education	0	15	15
Trinity College Carmarthen	77	28	105
Welsh College of Music and Drama	0	0	0
<b>Total</b>	<b>529</b>	<b>858</b>	<b>1,387</b>

**Coverage** All higher education student enrolments on ITT courses leading to qualified teacher status at higher education institutions in Wales.

**Source** 1998/99 HESA Student Record

## HIGHER EDUCATION ENROLMENTS AT HIGHER EDUCATION INSTITUTIONS

**Table 10.10: Student enrolments by ethnicity, sex and mode of attendance 1998/99**

Ethnic Group	Sex				Total	
	Male		Female			
	No.	%	No.	%	No.	%
<b>Full-time</b>						
White	26,478	91	30,459	94	56,937	93
Ethnic minority	2,523	9	1,950	6	4,473	7
Black	375	1	314	1	689	1
Asian	1,639	6	1,218	4	2,857	5
Other	509	2	418	1	927	2
Not Known	378		481		859	
Information refused	536		566		1,102	
Information not sought	2,328		2,773		5,101	
<b>Total</b>	<b>32,680</b>		<b>36,858</b>		<b>69,538</b>	
<b>Part-time</b>						
White	13,159	94	15,374	96	28,533	95
Ethnic minority	813	6	594	4	1,407	5
Black	186	1	106	1	292	1
Asian	462	3	356	2	818	3
Other	165	1	132	1	297	1
Not Known	312		436		748	
Information refused	729		963		1,692	
Information not sought	1,929		1,594		3,523	
<b>Total</b>	<b>16,990</b>		<b>19,006</b>		<b>35,996</b>	
<b>All Students</b>						
White	39,637	92	45,833	95	85,470	94
Ethnic minority	3,336	8	2,544	5	5,880	6
Black	561	1	420	1	981	1
Asian	2,101	5	1,574	3	3,675	4
Other	674	2	550	1	1,224	1
Not Known	690		917		1,607	
Information refused	1,265		1,529		2,794	
Information not sought	4,257		4,367		8,624	
<b>Total</b>	<b>49,670</b>		<b>55,864</b>		<b>105,534</b>	

**Coverage** All higher education student enrolments at higher education institutions in Wales

**Notes** 1 Total rows include students for whom ethnic origin data is not requested.  
2 Percentages are calculated from the number of students for which ethnic origin is known.

**Source** 1998/99 HESA Student Record

# HIGHER EDUCATION ENROLMENTS AT HIGHER EDUCATION INSTITUTIONS

**Table 10.11: Student enrolments by disability status, sex and mode of attendance 1998/99**

Disability status	Sex				Total	
	Male		Female		No.	%
	No.	%	No.	%		
<b>Full-time</b>						
No known disability	30,831	96	34,806	96	65,637	96
Disability but not in receipt of DSA	428	1	452	1	880	1
Disability and in receipt of DSA	253	1	215	1	468	1
Disability but information about DSA not known/not sought	733	2	759	2	1,492	2
Total	32,680		36,858		69,538	
<b>Part-time</b>						
No known disability	16,531	98	18,390	97	34,921	97
Disability but not in receipt of DSA	176	1	176	1	352	1
Disability and in receipt of DSA	21	0	23	0	44	0
Disability but information about DSA not known/not sought	217	1	377	2	594	2
Total	16,990		19,006		35,996	
<b>All Students</b>						
No known disability	47,362	96	53,196	96	100,558	96
Disability but not in receipt of DSA	604	1	628	1	1,232	1
Disability and in receipt of DSA	274	1	238	0	512	0
Disability but information about DSA not known/not sought	950	2	1,136	2	2,086	2
Total	49,670		55,864		105,534	

**Coverage** All higher education student enrolments at higher education institutions in Wales

**Notes**

- 1 DSA = Disabled Students' Allowance
- 2 Total rows include students for whom disability data is not requested, but such students are excluded from the calculation of percentages.

**Source** 1998/99 HESA Student Record

## HIGHER EDUCATION ENROLMENTS AT HIGHER EDUCATION INSTITUTIONS

**Table 10.12: Welsh medium teaching 1998/99**

**Full-time / sandwich student enrolments**

Institution	No. of student enrolments with any teaching through Welsh	% of student enrolments with any teaching through Welsh	FTE through Welsh
University of Glamorgan	0	0.0	0.0
University of Wales, Aberystwyth	344	5.0	227.2
University of Wales, Bangor	706	10.1	548.6
Cardiff University	129	0.8	75.8
University of Wales, Lampeter	90	6.4	67.1
University of Wales Swansea	130	1.4	78.8
University of Wales College of Medicine	9	0.4	0.0
University of Wales Institute, Cardiff	123	2.1	63.6
University of Wales College, Newport	113	3.8	4.8
North East Wales Institute	0	0.0	0.0
Swansea Institute of Higher Education	0	0.0	0.0
Trinity College Carmarthen	80	6.6	9.2
Welsh College of Music and Drama	12	2.3	1.9
<b>Total</b>	<b>1,736</b>	<b>2.5</b>	<b>1,077.0</b>

**Part-time / other student enrolments**

Institution	No. of student enrolments with any teaching through Welsh	% of student enrolments with any teaching through Welsh	FTE through Welsh
University of Glamorgan	45	0.6	20.2
University of Wales, Aberystwyth	130	3.2	34.5
University of Wales, Bangor	207	6.7	32.0
Cardiff University	143	2.8	23.3
University of Wales, Lampeter	92	10.7	21.7
University of Wales Swansea	57	1.4	11.0
University of Wales College of Medicine	0	0.0	0.0
University of Wales Institute, Cardiff	7	0.3	0.5
University of Wales College, Newport	0	0.0	0.0
North East Wales Institute	0	0.0	0.0
Swansea Institute of Higher Education	0	0.0	0.0
Trinity College Carmarthen	2	3.0	0.2
Welsh College of Music and Drama	0	0.0	0.0
<b>Total</b>	<b>683</b>	<b>1.9</b>	<b>143.4</b>

**All student enrolments**

Institution	No. of student enrolments with any teaching through Welsh	% of student enrolments with any teaching through Welsh	FTE through Welsh
University of Glamorgan	45	0.3	20.2
University of Wales, Aberystwyth	474	4.3	261.7
University of Wales, Bangor	913	9.0	580.6
Cardiff University	272	1.3	99.1
University of Wales, Lampeter	182	8.0	88.8
University of Wales Swansea	187	1.4	89.8
University of Wales College of Medicine	9	0.3	0.0
University of Wales Institute, Cardiff	130	1.6	64.1
University of Wales College, Newport	113	1.4	4.8
North East Wales Institute	0	0.0	0.0
Swansea Institute of Higher Education	0	0.0	0.0
Trinity College Carmarthen	82	6.5	9.4
Welsh College of Music and Drama	12	2.2	1.9
<b>Total</b>	<b>2,419</b>	<b>2.3</b>	<b>1,220.4</b>

**Coverage** All higher education student enrolments at higher education institutions in Wales

**Notes** 1 FTE = Full Time Equivalent  
2 Data for Trinity College Carmarthen are unreliable.

**Source** 1998/99 HESA Student/Module Record

## **SECTION 11: ACHIEVEMENTS OF HIGHER EDUCATION STUDENTS AT HIGHER EDUCATION INSTITUTIONS**

In 1998/99, 20,002 full-time and sandwich students (29 per cent of those enrolled) and 5,826 part-time students (16 per cent of those enrolled) were recorded as gaining qualifications. [Table 11.1] Note that the mode of attendance relates to the mode for the year in which the qualification was awarded: some students shown as part-time may have studied full-time in earlier years and those shown as full-time may previously have been part-time students. Also, although some of the part-time students shown in the tables in Section 10 will have received credit towards qualifications, these are not included within the achievements shown in the tables in this section.

Fifty nine per cent of all the qualifications achieved were first degrees, and of these 7 per cent of students were awarded first class degrees and 44 per cent received upper seconds. There was considerable variation in the proportions of students gaining particular classes of degrees in different subject areas. For instance, less than 1 per cent of students who obtained a degree in law achieved a first, but 25 per cent of students who obtained a degree in Mathematical Sciences achieved a first. [Table 11.4]

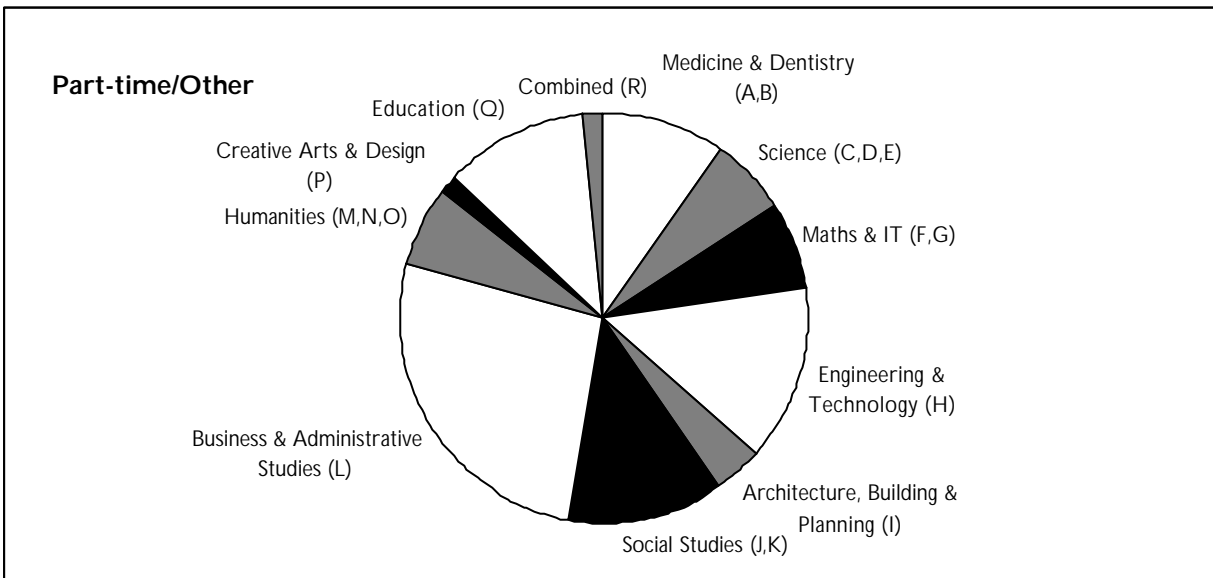
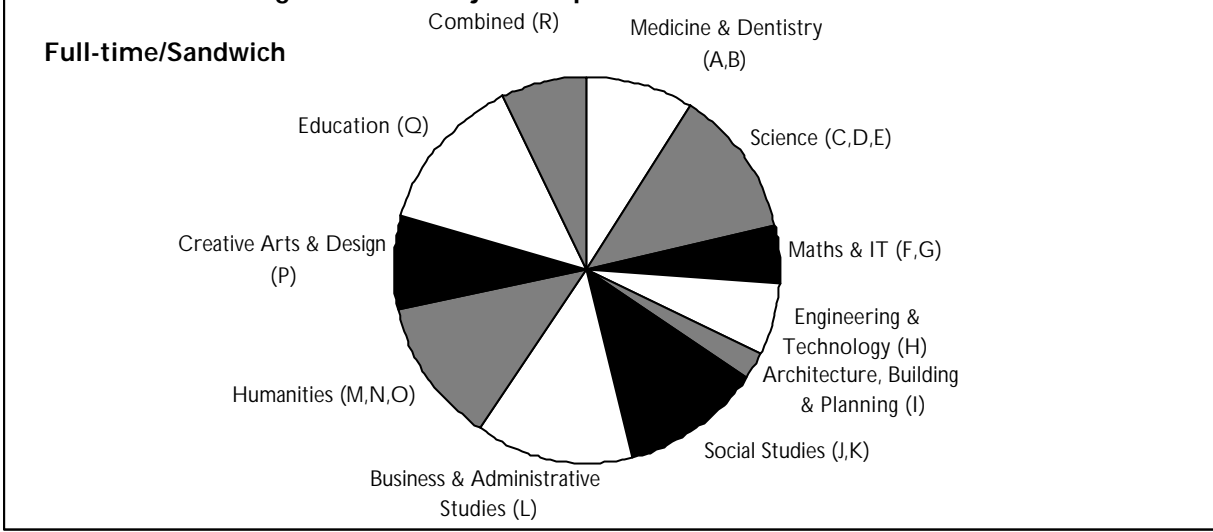
Other undergraduate qualifications were awarded to 5,214 students (26 per cent of the total number of undergraduate qualifications). Of the full-time students receiving 'other undergraduate' qualifications, 87 per cent were awarded HNDs, HNCs or Dip HEs, while 55 per cent of part-time students receiving 'other undergraduate' qualifications were awarded these qualifications. The remaining 'other undergraduate' qualifications were mainly professional or vocational qualifications. [Table 11.4]

Postgraduate qualifications were awarded to 5,495 students. In all, 2,987 higher degrees were awarded of which 16 per cent were PhDs. The other postgraduate qualifications included PGCEs awarded to 1,568 students. [Tables 11.1 and 11.3]

Of the 20,333 undergraduate qualifications awarded, 55 per cent were to women; 54 per cent were to students domiciled in Wales; and 8 per cent to students domiciled overseas. In comparison, of the 5,495 postgraduate qualifications awarded, 51 per cent were to women; 48 per cent were to students domiciled in Wales; and 25 per cent to students domiciled overseas. [Table 11.2]



**Figure 11.1: Subject of qualification achieved 1998/99**



		Full-time	Part-time
A	Medicine & Dentistry	1%	0%
B	Subject Allied to Medicine	8%	9%
C	Biological Sciences	7%	3%
D	Agriculture & Related subjects	2%	1%
E	Physical Sciences	4%	2%
F	Mathematical Sciences	1%	0%
G	Computer Science	4%	7%
H	Engineering & Technology	6%	14%
I	Architecture, Building & Planning	2%	4%
J	Social, Economic & Political Studies	7%	10%
K	Law	5%	2%
L	Business & Administrative Studies	13%	27%
M	Librarianship & Information Sciences	2%	3%
N	Languages	6%	2%
O	Humanities	5%	1%
P	Creative Arts & Design	8%	1%
Q	Education	13%	11%
R	Combined	7%	2%

## ACHIEVEMENTS OF HIGHER EDUCATION STUDENTS AT HIGHER EDUCATION INSTITUTIONS

**Table 11.1: Qualification obtained by level, subject area and mode of attendance 1998/99**

### Full-time/sandwich

Subject Area	Postgraduate	First Degree	Other Undergraduate	Total
Medicine and Dentistry	22	219	0	241
Subjects Allied to Medicine	36	869	657	1,562
Biological Sciences	100	1,196	102	1,398
Agriculture and Related subjects	50	190	101	341
Physical Sciences	57	654	5	716
Mathematical Sciences	7	192	1	200
Computer Science	80	488	217	785
Engineering and Technology	120	850	212	1,182
Architecture, Building and Planning	47	321	69	437
Social, Economic and Political Studies	132	1,162	93	1,387
Law	310	641	68	1,019
Business and Administrative Studies	446	1,649	506	2,601
Librarianship and Information Science	166	177	0	343
Languages	53	1,128	1	1,182
Humanities	54	887	2	943
Creative Arts and Design	37	1,154	344	1,535
Education	1,379	1,281	9	2,669
Combined	43	1,366	52	1,461
<b>Total</b>	<b>3,139</b>	<b>14,424</b>	<b>2,439</b>	<b>20,002</b>

### Part-time/other

Subject Area	Postgraduate	First Degree	Other Undergraduate	Total
Medicine and Dentistry	28	0	0	28
Subjects Allied to Medicine	146	180	207	533
Biological Sciences	184	4	10	198
Agriculture and Related subjects	23	2	10	35
Physical Sciences	107	9	16	132
Mathematical Sciences	10	0	0	10
Computer Science	60	32	296	388
Engineering and Technology	160	120	530	810
Architecture, Building and Planning	25	70	131	226
Social, Economic and Political Studies	404	29	151	584
Law	100	8	15	123
Business and Administrative Studies	437	81	1,034	1,552
Librarianship and Information Science	124	36	2	162
Languages	79	9	29	117
Humanities	61	10	10	81
Creative Arts and Design	55	8	17	80
Education	347	23	298	668
Combined	6	74	19	99
<b>Total</b>	<b>2,356</b>	<b>695</b>	<b>2,775</b>	<b>5,826</b>

**Coverage** All higher education students at higher education institutions in Wales obtaining qualification(s)

**Source** 1998/99 HESA Student Record

**ACHIEVEMENTS OF HIGHER EDUCATION STUDENTS  
AT HIGHER EDUCATION INSTITUTIONS**

**Table 11.2: Qualification obtained by level, domicile and sex 1998/99**

	Postgraduate	First degree	Other Undergraduate	Total
<b>Wales domiciled</b>				
Male	1,132	2,716	2,000	5,848
Female	1,527	3,908	2,326	7,761
<b>England domiciled</b>				
Male	637	3,048	387	4,072
Female	729	3,841	333	4,903
<b>Scotland domiciled</b>				
Male	27	26	1	54
Female	20	34	2	56
<b>Other UK domiciled</b>				
Male	29	55	9	93
Female	30	67	5	102
<b>Overseas domiciled</b>				
Male	863	802	91	1,756
Female	501	622	60	1,183
<b>Total</b>				
Male	2,688	6,647	2,488	11,823
Female	2,807	8,472	2,726	14,005

**Coverage** All higher education students at higher education institutions in Wales obtaining qualification(s)

**Notes** 1 Where domicile of student is unknown, domicile has been assumed to be country in which student's institution is situated.  
2 Channel Islands/Isle of Man included in Other UK

**Source** 1998/99 HESA Student Record

**ACHIEVEMENTS OF HIGHER EDUCATION STUDENTS  
AT HIGHER EDUCATION INSTITUTIONS**

**Table 11.3: Qualification obtained by level and mode of attendance 1998/99**

	Full-time	Part-time	Total
<b>First Degrees</b>			
First Class	946	69	1,015
Upper Second	6,337	244	6,581
Lower Second	5,573	211	5,784
Third Class/pass	1,057	103	1,160
Unclassified	511	68	579
<b>All</b>	<b>14,424</b>	<b>695</b>	<b>15,119</b>
<b>Other Undergraduate</b>			
HND/DipHE/HNC	2,121	1,526	3,647
Other UG quals	318	1,249	1,567
<b>All</b>	<b>2,439</b>	<b>2,775</b>	<b>5,214</b>
<b>Higher Degrees</b>			
Doctorate	95	379	474
Other Higher Degrees	1,106	1,407	2,513
<b>All</b>	<b>1,201</b>	<b>1,786</b>	<b>2,987</b>
<b>Other Postgraduate</b>			
PGCE	1,360	208	1,568
Other PG quals	578	362	940
<b>All</b>	<b>1,938</b>	<b>570</b>	<b>2,508</b>
<b>Total</b>	<b>20,002</b>	<b>5,826</b>	<b>25,828</b>

**Coverage** All higher education students at higher education institutions in Wales obtaining qualification(s)

**Source** 1998/99 HESA Student Record

**ACHIEVEMENTS OF HIGHER EDUCATION STUDENTS  
AT HIGHER EDUCATION INSTITUTIONS**

**Table 11.4: Qualification obtained by level, subject area and mode of attendance 1998/99**

Full-time / sandwich

Subject Area	First Degree					Other Undergraduate	
	First	Upper Second	Lower Second	Third/ Pass	Unclassified	HND/ DipHE/ HNC	Other Undergraduate Qualifications
Medicine & Dentistry	8	8	0	0	203	0	0
Subjects Allied to Medicine	67	442	322	34	4	438	219
Biological Sciences	106	579	423	71	17	102	0
Agriculture & Related Subjects	9	77	85	17	2	101	0
Physical Sciences	77	245	250	70	12	1	4
Mathematical Sciences	48	47	50	43	4	0	1
Computer Science	54	128	192	74	40	211	6
Engineering & Technology	108	261	289	133	59	210	2
Architecture, Building & Planning	14	105	90	8	104	69	0
Social, Economic & Political Studies	42	559	497	61	3	92	1
Law	5	271	309	56	0	62	6
Business & Administrative Studies	66	647	784	138	14	505	1
Librarianship & Information Science	6	95	57	14	5	0	0
Languages	68	625	391	43	1	1	0
Humanities	31	426	380	48	2	1	1
Creative Arts & Design	80	564	416	92	2	277	67
Education	67	605	516	76	17	8	1
Combined	90	653	522	79	22	43	9
<b>Total</b>	<b>946</b>	<b>6,337</b>	<b>5,573</b>	<b>1,057</b>	<b>511</b>	<b>2,121</b>	<b>318</b>

Subject Area	Higher Degrees		Other Postgraduate	
	Doctorate	Other Higher Degrees	PGCE	Other Postgraduate Qualifications
Medicine & Dentistry	1	7	0	14
Subjects Allied to Medicine	11	21	0	4
Biological Sciences	28	63	0	9
Agriculture & Related Subjects	3	44	0	3
Physical Sciences	17	38	0	2
Mathematical Sciences	7	0	0	0
Computer Science	1	64	0	15
Engineering & Technology	14	104	0	2
Architecture, Building & Planning	0	43	0	4
Social, Economic & Political Studies	5	91	0	36
Law	0	36	0	274
Business & Administrative Studies	1	371	0	74
Librarianship & Information Science	0	45	0	121
Languages	2	51	0	0
Humanities	0	41	0	13
Creative Arts & Design	1	28	1	7
Education	4	16	1,359	0
Combined	0	43	0	0
<b>Total</b>	<b>95</b>	<b>1,106</b>	<b>1,360</b>	<b>578</b>

## ACHIEVEMENTS OF HIGHER EDUCATION STUDENTS AT HIGHER EDUCATION INSTITUTIONS

**Table 11.4 (continued): Qualification obtained by level, subject area and mode of attendance 1998/99**

Part-time / other

Subject Area	First Degree					Other Undergraduate	
	First	Upper Second	Lower Second	Third/ Pass	Unclassified	HND/ DipHE/ HNC	Other Undergraduate Qualifications
Medicine & Dentistry	0	0	0	0	0	0	0
Subjects Allied to Medicine	5	66	70	39	0	55	152
Biological Sciences	1	1	0	2	0	10	0
Agriculture & Related Subjects	0	2	0	0	0	10	0
Physical Sciences	3	2	3	1	0	5	11
Mathematical Sciences	0	0	0	0	0	0	0
Computer Science	5	13	4	8	2	224	72
Engineering & Technology	17	27	26	19	31	489	41
Architecture, Building & Planning	8	26	25	3	8	130	1
Social, Economic & Political Studies	0	6	16	6	1	59	92
Law	0	1	3	4	0	14	1
Business & Administrative Studies	4	26	35	9	7	524	510
Librarianship & Information Science	10	23	3	0	0	2	0
Languages	2	5	2	0	0	0	29
Humanities	3	4	3	0	0	0	10
Creative Arts & Design	1	4	3	0	0	4	13
Education	4	15	4	0	0	0	298
Combined	6	23	14	12	19	0	19
<b>Total</b>	<b>69</b>	<b>244</b>	<b>211</b>	<b>103</b>	<b>68</b>	<b>1,526</b>	<b>1,249</b>

Subject Area	Higher Degrees		Other Postgraduate	
	Doctorate	Other Higher Degrees	PGCE	Other Postgraduate Qualifications
Medicine & Dentistry	2	8	0	18
Subjects Allied to Medicine	20	66	0	60
Biological Sciences	75	94	0	15
Agriculture & Related Subjects	6	15	0	2
Physical Sciences	68	37	0	2
Mathematical Sciences	6	4	0	0
Computer Science	8	42	0	10
Engineering & Technology	79	76	0	5
Architecture, Building & Planning	7	8	0	10
Social, Economic & Political Studies	22	367	0	15
Law	2	86	0	12
Business & Administrative Studies	19	308	0	110
Librarianship & Information Science	5	76	0	43
Languages	27	46	0	6
Humanities	14	43	0	4
Creative Arts & Design	2	53	0	0
Education	13	77	208	49
Combined	4	1	0	1
<b>Total</b>	<b>379</b>	<b>1,407</b>	<b>208</b>	<b>362</b>

**Coverage** All higher education students at higher education institutions in Wales obtaining qualification(s)

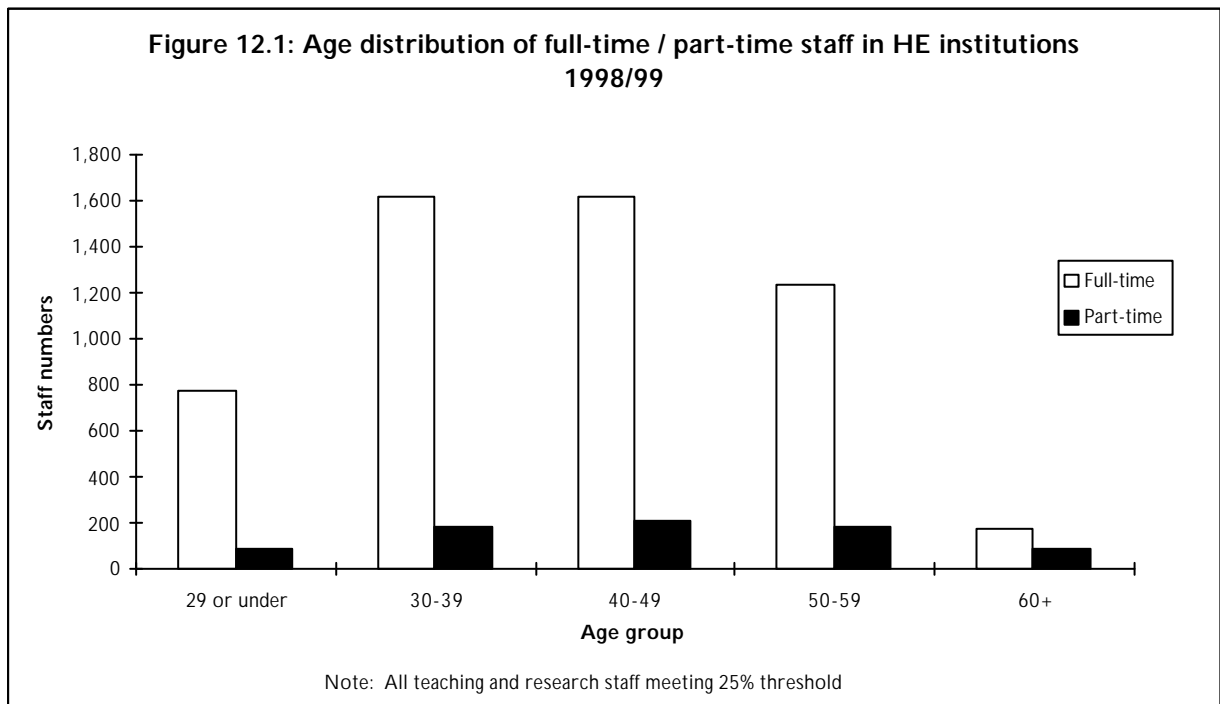
**Source** 1998/99 HESA Student Record

## SECTION 12: STAFF EMPLOYED BY HIGHER EDUCATION INSTITUTIONS

During 1998/99, 5,419 full-time and 743 part-time staff whose primary function was teaching and/or research were recorded in the HESA staff record as being employed by higher education institutions in Wales. However, the HESA record includes only staff employed for at least 25 per cent of a full-time contract during the year with regular salaries calculated at a proportion of the full-time rate (ie fractional full-time staff). The numbers, therefore, exclude many staff: all part-time or part-year staff working for less than 25 per cent of full-time and casual staff and hourly paid staff, unless they had a contract of employment and their work commitment exceeded 25 per cent of full-time, are excluded. The part-time figures in the tables do not therefore provide an accurate indication of the numbers of part-time staff employed. The data relate to academic appointments active during the academic year 1 August 1998 to 31 July 1999. [Table 12.1]

Just over three quarters of the staff (77 per cent) were financed wholly by the institution, 1 per cent were principally financed by the institution and 22 per cent were financed from other sources. Those institutions with a high percentage of staff financed from other sources included the University of Wales College of Medicine (44 per cent), Cardiff University (31 per cent) and University of Wales, Bangor (31 per cent). [Table 12.1]

The largest group of staff was lecturers (44 per cent) followed by researchers (22 per cent) with 15 per cent graded as senior lecturers or researchers and 8 per cent as professors. All but 7 of the 523 professors were employed in the constituent institutions of the University of Wales (see Appendix B). More than half (57 per cent) of the total number of academic staff were aged 40 or over, with 27 per cent aged 50 or over. Only 32 per cent of academic staff were women, with particularly low levels in the more senior posts, with 8 per cent of professors and 16 per cent of senior lecturers and senior researchers being women. However, this represents a small increase in the proportion of senior female academic staff. Overall, between 1997/98 and 1998/99, the numbers of female academic staff rose by 6 per cent, whereas the numbers of male staff hardly changed. [Tables 12.2, 12.3 and 12.4]



The ethnic profile and disability profile of academic staff at Welsh higher education institutions were fairly similar to those for the students. Five per cent of staff (for whom ethnic status was known) were from ethnic minority groups and of these the majority were of Asian descent. Similarly, 3 per cent of staff (for whom there was disability data) were recorded as disabled. [Tables 12.5 and 12.6 ]

## STAFF EMPLOYED BY HIGHER EDUCATION INSTITUTIONS

**Table 12.1: Numbers of academic staff by principal source of finance, institution and mode of employment 1998/99**

### Full-time

Institution	Wholly Institutionally Financed	Principally Financed by the Institution	Other Sources of Finance	Total
University of Glamorgan	496	0	47	543
University of Wales, Aberystwyth	436	4	93	533
University of Wales, Bangor	454	1	185	640
Cardiff University	938	6	421	1,365
University of Wales, Lampeter	96	2	1	99
University of Wales Swansea	528	2	161	691
University of Wales College of Medicine	317	29	288	634
University of Wales Institute, Cardiff	319	0	0	319
University of Wales College, Newport	153	0	0	153
North East Wales Institute	159	1	5	165
Swansea Institute of Higher Education	154	0	0	154
Trinity College Carmarthen	89	1	0	90
Welsh College of Music and Drama	18	0	0	18
University of Wales Registry	10	3	2	15
<b>Total</b>	<b>4,167</b>	<b>49</b>	<b>1,203</b>	<b>5,419</b>

### Part-time

Institution	Wholly Institutionally Financed	Principally Financed by the Institution	Other Sources of Finance	Total
University of Glamorgan	32	1	9	42
University of Wales, Aberystwyth	44	0	11	55
University of Wales, Bangor	41	1	40	82
Cardiff University	97	0	51	148
University of Wales, Lampeter	11	1	0	12
University of Wales Swansea	116	0	19	135
University of Wales College of Medicine	33	7	21	61
University of Wales Institute, Cardiff	33	0	0	33
University of Wales College, Newport	36	0	0	36
North East Wales Institute	25	0	0	25
Swansea Institute of Higher Education	30	0	0	30
Trinity College Carmarthen	0	0	0	0
Welsh College of Music and Drama	81	0	0	81
University of Wales Registry	2	1	0	3
<b>Total</b>	<b>581</b>	<b>11</b>	<b>151</b>	<b>743</b>

**Coverage** All teaching and research staff in Welsh higher education institutions meeting 25% FTE threshold

**Note** Staff data relates to individual academic appointments (of at least 25% FTE) active during the academic year 1 August 1998 to 31 July 1999.

**Source** 1998/99 HESA Staff Record



## STAFF EMPLOYED BY HIGHER EDUCATION INSTITUTIONS

**Table 12.2: Numbers of academic staff by grade, sex and institution 1998/99**

Institution	Professors		Senior Lecturers and Researchers		Lecturers		Researchers		Other Grades	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
University of Glamorgan	0	0	98	21	238	121	23	12	53	19
University of Wales, Aberystwyth	72	8	60	9	186	61	78	45	35	34
University of Wales, Bangor	58	4	78	12	150	121	116	97	65	21
Cardiff University	196	16	171	17	278	116	354	175	113	77
University of Wales, Lampeter	8	1	21	2	35	27	2	2	6	7
University of Wales Swansea	91	7	133	19	190	102	118	49	47	70
University of Wales College of Medicine	49	4	123	34	116	143	89	127	4	6
University of Wales Institute, Cardiff	0	0	22	6	176	107	11	14	10	6
University of Wales College, Newport	0	0	14	3	97	52	0	0	15	8
North East Wales Insititute	5	1	23	5	88	59	3	0	4	2
Swansea Institute of Higher Education	0	0	18	8	100	45	0	1	8	4
Trinity College Carmarthen	1	0	6	5	44	33	0	1	0	0
Welsh College of Music and Drama	0	0	4	1	10	4	0	0	42	38
University of Wales, Registry	2	0	0	0	0	0	7	7	1	1
<b>Total</b>	<b>482</b>	<b>41</b>	<b>771</b>	<b>142</b>	<b>1,708</b>	<b>991</b>	<b>801</b>	<b>530</b>	<b>403</b>	<b>293</b>

**Coverage** All teaching and research staff in Welsh higher education institutions meeting 25% FTE threshold

**Notes** 1 Staff data relates to individual academic appointments (of at least 25% FTE) active during the academic year 1 August 1998 to 31 July 1999.  
2 Professors in University of Glamorgan were returned under 'Other Grades' in 1998/99

**Source** 1998/99 HESA Staff Record

## STAFF EMPLOYED BY HIGHER EDUCATION INSTITUTIONS

**Table 12.3: Numbers of academic staff by age group, sex and mode of employment 1998/99**

Age Group	Sex				Total	
	Male		Female			
	No.	%	No.	%	No.	%
<b>Full-time</b>						
29 or under	457	12	322	20	779	14
30-39	1,081	28	536	33	1,617	30
40-49	1,132	30	486	30	1,618	30
50-59	997	26	235	15	1,232	23
60+	149	4	24	1	173	3
Total	3,816		1,603		5,419	
<b>Part-time</b>						
29 or under	34	10	53	13	87	12
30-39	64	18	118	30	182	24
40-49	64	18	140	36	204	27
50-59	106	30	73	19	179	24
60+	81	23	10	3	91	12
Total	349		394		743	
<b>All Staff</b>						
29 or under	491	12	375	19	866	14
30-39	1,145	27	654	33	1,799	29
40-49	1,196	29	626	31	1,822	30
50-59	1,103	26	308	15	1,411	23
60+	230	6	34	2	264	4
<b>Total</b>	<b>4,165</b>		<b>1,997</b>		<b>6,162</b>	

**Coverage** All teaching and research staff in Welsh higher education institutions meeting 25% FTE threshold

**Notes**

- 1 Age at 31 August 1998.
- 2 Staff data relates to individual academic appointments (of at least 25% FTE) active during the academic year 1 August 1998 to 31 July 1999.

**Source** 1998/99 HESA Staff Record

## STAFF EMPLOYED BY HIGHER EDUCATION INSTITUTIONS

**Table 12.4: Change in number of academic staff by institution, sex and mode of employment 1997/98 to 1998/99**

### Full-time

Institution	1997/98			1998/99			% change 1997/98 to 1998/99		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
University of Glamorgan	347	137	484	393	150	543	13	9	12
University of Wales, Aberystwyth	377	115	492	398	135	533	6	17	8
University of Wales, Bangor	434	189	623	439	201	640	1	6	3
Cardiff University	1,023	307	1,330	1,038	327	1,365	1	7	3
University of Wales, Lampeter	66	40	106	64	35	99	-3	-13	-7
University of Wales Swansea	534	189	723	503	188	691	-6	-1	-4
University of Wales College of Medicine	375	271	646	369	265	634	-2	-2	-2
University of Wales Institute, Cardiff	228	112	340	208	111	319	-9	-1	-6
University of Wales College, Newport	90	42	132	107	46	153	19	10	16
North East Wales Institute	113	46	159	112	53	165	-1	15	4
Swansea Institute of Higher Education	120	45	165	111	43	154	-8	-4	-7
Trinity College Carmarthen	54	38	92	51	39	90	-6	3	-2
Welsh College of Music and Drama	14	3	17	14	4	18	0	33	6
University of Wales Registry	8	7	15	9	6	15	13	-14	0
<b>Total</b>	<b>3,783</b>	<b>1,541</b>	<b>5,324</b>	<b>3,816</b>	<b>1,603</b>	<b>5,419</b>	<b>1</b>	<b>4</b>	<b>2</b>

### Part-time / Other

Institution	1997/98			1998/99			% change 1997/98 to 1998/99		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
University of Glamorgan	67	27	94	19	23	42	-72	-15	-55
University of Wales, Aberystwyth	24	20	44	33	22	55	38	10	25
University of Wales, Bangor	14	36	50	28	54	82	100	50	64
Cardiff University	71	69	140	74	74	148	4	7	6
University of Wales, Lampeter	11	2	13	8	4	12	-27	100	-8
University of Wales Swansea	91	52	143	76	59	135	-16	13	-6
University of Wales College of Medicine	11	51	62	12	49	61	9	-4	-2
University of Wales Institute, Cardiff	13	20	33	11	22	33	-15	10	0
University of Wales College, Newport	16	17	33	19	17	36	19	0	9
North East Wales Institute	1	1	2	11	14	25	1,000	1,300	1,150
Swansea Institute of Higher Education	13	11	24	15	15	30	15	36	25
Trinity College Carmarthen	0	0	0	0	0	0	0	0	0
Welsh College of Music and Drama	45	42	87	42	39	81	-7	-7	-7
University of Wales Registry	0	2	2	1	2	3	-	0	50
<b>Total</b>	<b>377</b>	<b>350</b>	<b>727</b>	<b>349</b>	<b>394</b>	<b>743</b>	<b>-7</b>	<b>13</b>	<b>2</b>

**Coverage** All teaching and research staff in Welsh higher education institutions meeting 25% FTE threshold

**Note** Staff data relates to individual academic appointments (of at least 25% FTE) active during the academic year 1 August 1998 to 31 July 1999.

**Source** 1997/98 and 1998/99 HESA Staff Records

## STAFF EMPLOYED AT HIGHER EDUCATION INSTITUTIONS

Table 12.5: Academic staff by ethnicity, sex and mode of employment 1998/99

Ethnic Group	Sex				Total	
	Male		Female			
	No.	%	No.	%	No.	%
<b>Full-time</b>						
White	3,344	94	1,475	97	4,819	95
Ethnic minority	210	6	52	3	262	5
Black	32	1	5	0	37	1
Asian	150	4	39	3	189	4
Other	28	1	8	1	36	1
Not Known	262		76		338	
Total	3,816		1,603		5,419	
<b>Part-time</b>						
White	326	99	355	96	681	97
Ethnic minority	4	1	14	4	18	3
Black	0	0	3	1	3	0
Asian	3	1	8	2	11	2
Other	1	0	3	1	4	1
Not Known	19		25		44	
Total	349		394		743	
<b>All Staff</b>						
White	3,670	94	1,830	97	5,500	95
Ethnic minority	214	6	66	3	280	5
Black	32	1	8	0	40	1
Asian	153	4	47	2	200	3
Other	29	1	11	1	40	1
Not Known	281		101		382	
Total	4,165		1,997		6,162	

**Coverage** All teaching and research staff in Welsh higher education meeting 25% FTE threshold

- Notes**
- 1 Staff data relates to individual academic appointments (of at least 25% FTE) active during the academic year 1 August 1998 to 31 July 1999.
  - 2 Percentages are calculated from the number of staff for whom ethnic origin is known.

**Source** 1998/99 HESA Staff Record

**STAFF EMPLOYED AT HIGHER EDUCATION INSTITUTIONS**

**Table 12.6: Academic staff by disability status, sex and mode of employment 1998/1999**

Disability status	Sex				Total	
	Male		Female			
	No.	%	No.	%	No.	%
<b>Full-time</b>						
Not known to be disabled	3,377	88	1,397	87	4,774	88
Disabled but not registered	14	0	5	0	19	0
Registered disabled	109	3	50	3	159	3
Information not provided	316	8	151	9	467	9
Total	3,816		1,603		5,419	
<b>Part-time</b>						
Not known to be disabled	322	92	348	88	670	90
Disabled but not registered	2	1	2	1	4	1
Registered disabled	4	1	4	1	8	1
Information not provided	21	6	40	10	61	8
Total	349		394		743	
<b>All Staff</b>						
Not known to be disabled	3,699	89	1,745	87	5,444	88
Disabled but not registered	16	0	7	0	23	0
Registered disabled	113	3	54	3	167	3
Information not provided	337	8	191	10	528	9
Total	4,165		1,997		6,162	

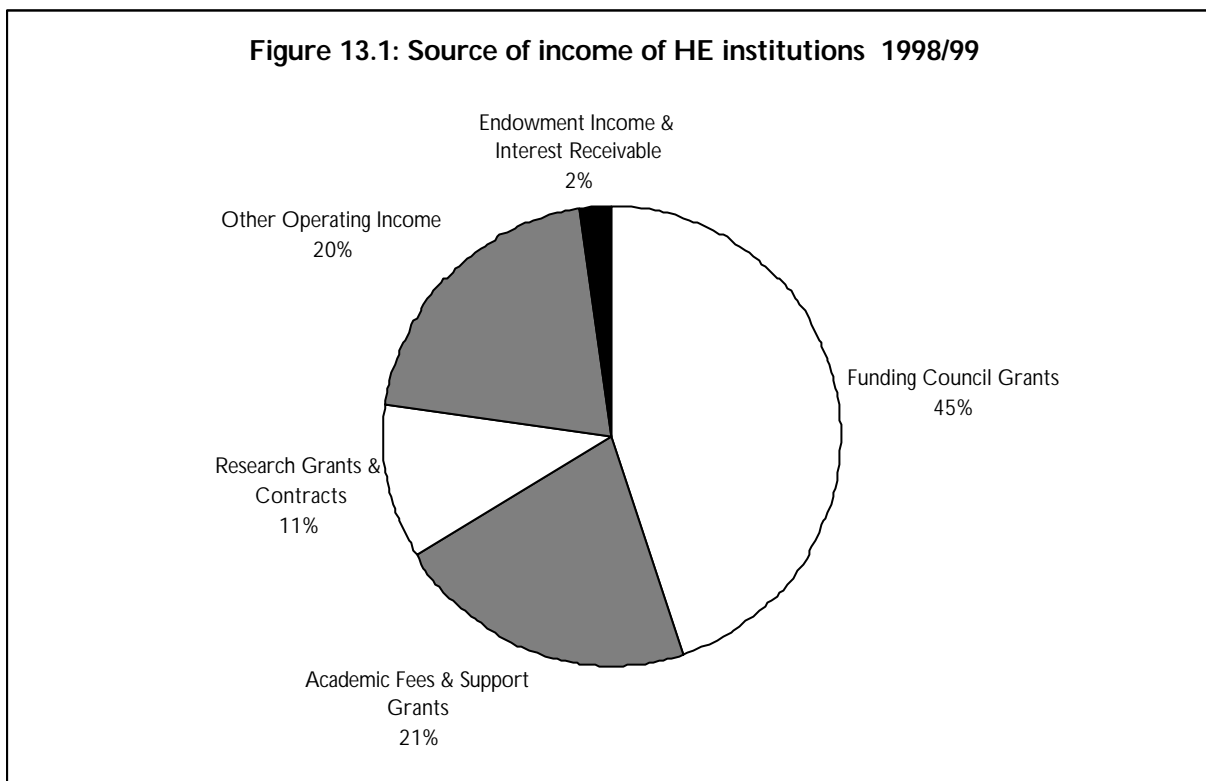
**Coverage** All teaching and research staff in Welsh higher education institutions meeting 25% FTE threshold

**Note** Staff data relates to individual academic appointments (of at least 25% FTE) active during the academic year 1 August 1998 to 31 July 1999.

**Source** 1998/99 HESA Staff Record

## SECTION 13: FINANCE OF HIGHER EDUCATION INSTITUTIONS

The total income of higher education institutions in Wales for 1998/99 was £571 million of which 45 per cent came from Funding Council grant. [Table13.1 and Figure 13.1]



The total expenditure for higher education institutions was £566 million of which 57 per cent was on staff costs. There were some differences between institutions in the proportions of expenditure on staff costs. With the exception of the University of Wales Registry (see Appendix B), they ranged from 66 per cent (at Swansea Institute of Higher Education) to 54 per cent (at the University of Wales, Aberystwyth). Overall, 57 per cent of the staff costs were directly attributable to academic staff. [Tables 13.2 and 13.3]

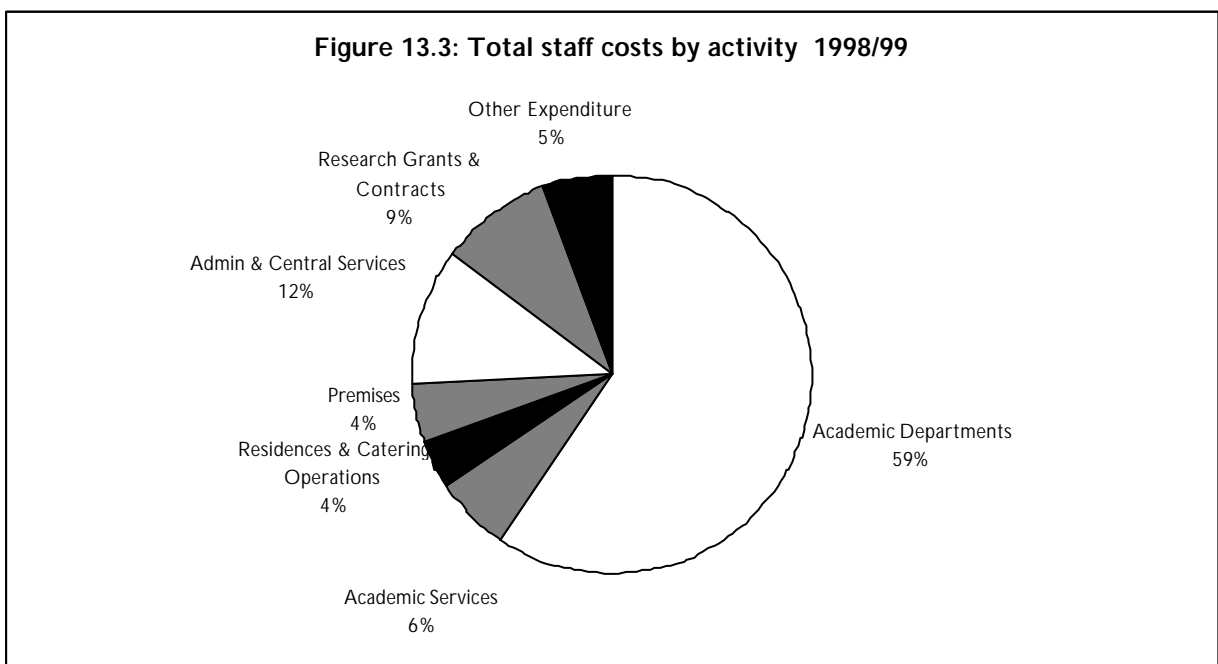
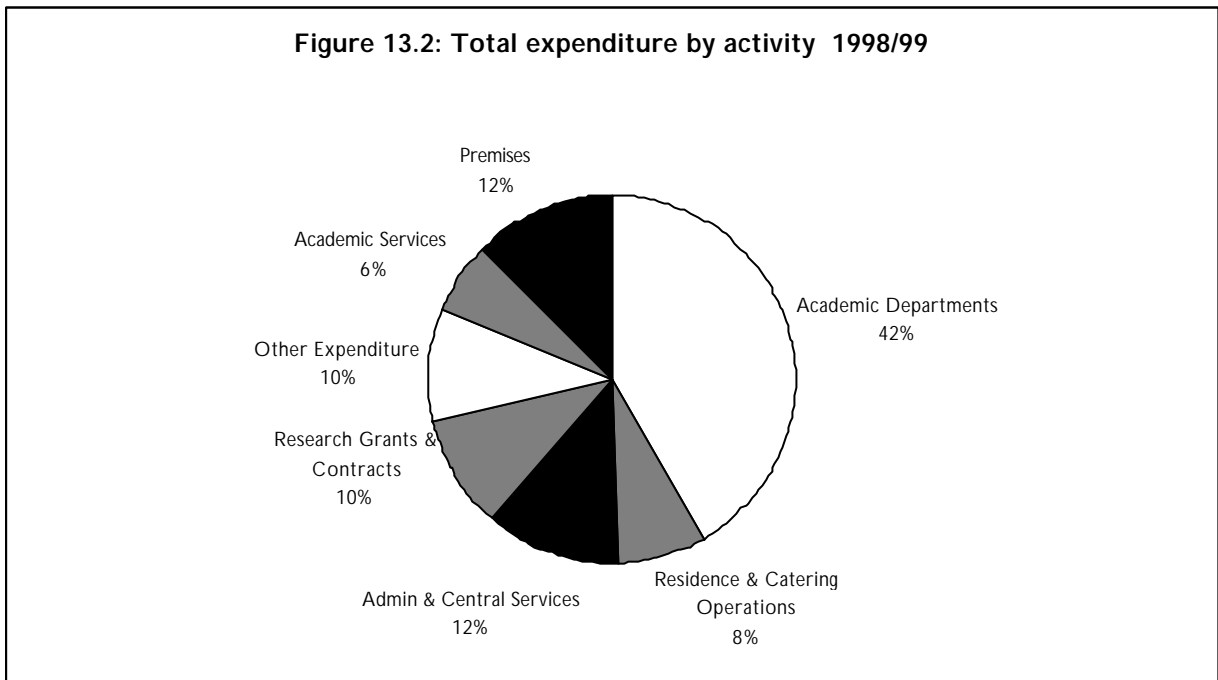
Academic departments accounted for 42 per cent of expenditure with academic services such as libraries, information services and non-administrative computing accounting for a further 6 per cent. The direct costs associated with research grants and contracts gave rise to 10 per cent of expenditure. Other expenditure included that on administration and central services (12 per cent), premises (12 per cent) and residences and catering (8 per cent). [Table 13.4 and Figure 13.2]

The expenditure of academic departments of institutions in Wales was shown as being spread across all cost centres. The cost centres in which the sector's expenditure exceeded £12 million were in descending order: Nursing & Paramedical Studies, Business and Management, Education, Clinical Medicine, Social Studies, Biosciences, Languages, Humanities and Design & Creative Arts. [Table13.5]

The expenditure of £57 million associated with research grants and contracts was funded from a number of different sources. The principal source was the UK government bodies including health and hospital authorities (25 per cent) followed by the research councils (24 per cent). The contribution from UK industry was 15 per cent whereas that from UK charities rose by over £1 million on 1997/98 to fund 16 per cent of expenditure in 1998/99. Almost all expenditure from research grants and contracts (92 per cent) took place in the constituent institutions of the University of Wales (see Appendix B). [Table 13.6]

Income for services rendered to outside bodies amounted to £38 million with 43 per cent from UK government bodies (including health and hospital authorities) and 17 per cent from UK industry. [Table 13.7]

The financial ratios and indicators of the financial position for higher education institutions in this volume [Tables 13.8 and 13.9] correspond to those set out for the further education sector in Section 7. They are an extension of the set used by the two Welsh Funding Councils. However, because of differences in the Finance Records for the two sectors, there are slight definitional differences. There are also slight differences, for some institutions, between the data submitted to HESA and the figures included in their accounts. Further financial ratios are calculated by HESA as part of the management statistics for the UK HE sector (see *Higher Education Management Statistics - Institutional Level 1998/99*).



## FINANCE OF HIGHER EDUCATION INSTITUTIONS

**Table 13.1: Income of higher education institutions by source 1998/99**

£ thousand

Institution	Funding Council Grants	Academic Fees & Support Grants	Research Grants & Contracts	Other Operating Income	Endowment Income & Interest Receivable	Total Income
University of Glamorgan	32,980	15,409	1,233	10,197	2,462	62,281
University of Wales, Aberystwyth	25,358	9,774	7,313	11,980	1,379	55,804
University of Wales, Bangor	25,743	14,393	9,291	11,722	510	61,659
Cardiff University	55,608	29,333	21,431	20,475	3,473	130,320
University of Wales, Lampeter	4,996	1,853	203	2,105	249	9,406
University of Wales Swansea	32,873	16,209	9,271	18,827	734	77,914
University of Wales College of Medicine	13,538	12,452	13,007	18,699	2,158	59,854
University of Wales Institute, Cardiff	21,449	7,571	394	7,208	527	37,149
University of Wales College, Newport	14,584	4,920	219	3,929	160	23,812
North East Wales Institute	10,660	3,884	580	2,811	160	18,095
Swansea Institute of Higher Education	10,397	3,229	82	1,317	111	15,136
Trinity College Carmarthen	4,865	1,635	43	2,138	31	8,712
Welsh College of Music and Drama	2,802	899	0	418	52	4,171
University of Wales, Registry	567	113	135	4,576	879	6,270
<b>Total</b>	<b>256,420</b>	<b>121,674</b>	<b>63,202</b>	<b>116,402</b>	<b>12,885</b>	<b>570,583</b>

**Coverage** All higher education institutions in Wales

**Source** 1998/99 HESA Finance Record

**Table 13.2: Expenditure of higher education institutions by category 1998/99**

£ thousand

Institution	Staff Costs	Depreciation	Other Operating Expenses	Interest Payable	Total Expenditure	Staff Costs as % of total Expenditure
University of Glamorgan	32,372	2,083	22,818	1,386	58,659	55.2
University of Wales, Aberystwyth	31,763	4,264	21,452	1,383	58,862	54.0
University of Wales, Bangor	40,330	2,727	18,719	1,469	63,245	63.8
Cardiff University	69,763	8,693	44,496	4,485	127,437	54.7
University of Wales, Lampeter	5,706	455	3,150	139	9,450	60.4
University of Wales Swansea	41,970	2,317	30,463	1,275	76,025	55.2
University of Wales College of Medicine	35,984	1,533	22,944	0	60,461	59.5
University of Wales Institute, Cardiff	21,745	1,791	13,273	442	37,251	58.4
University of Wales College, Newport	12,681	1,637	8,589	384	23,291	54.4
North East Wales Institute	10,381	868	6,352	512	18,113	57.3
Swansea Institute of Higher Education	9,619	1,086	3,677	207	14,589	65.9
Trinity College Carmarthen	5,279	362	2,702	258	8,601	61.4
Welsh College of Music and Drama	2,422	344	1,359	18	4,143	58.5
University of Wales, Registry	2,697	165	3,129	0	5,991	45.0
<b>Total</b>	<b>322,712</b>	<b>28,325</b>	<b>203,123</b>	<b>11,958</b>	<b>566,118</b>	<b>57.0</b>

**Coverage** All higher education institutions in Wales

**Source** 1998/99 HESA Finance Record



**FINANCE OF HIGHER EDUCATION INSTITUTIONS**

**Table 13.3: Staff costs of higher education institutions by activity 1998/99**

**Academic staff costs**

£ thousand

Institution	Academic Depart.'s	Academic Services	Admin. & Central Services	Research Grants & Contracts	Other Expenditure	Total
University of Glamorgan	16,255	196	676	1,093	532	18,752
University of Wales, Aberystwyth	12,887	0	0	2,441	0	15,328
University of Wales, Bangor	16,485	0	0	3,783	0	20,268
Cardiff University	33,137	243	0	7,940	0	41,320
University of Wales, Lampeter	3,208	0	11	43	27	3,289
University of Wales Swansea	19,921	58	18	3,585	609	24,191
University of Wales College of Medicine	18,216	85	202	5,004	1,779	25,286
University of Wales Institute, Cardiff	11,524	0	0	218	0	11,742
University of Wales College, Newport	5,700	0	0	339	0	6,039
North East Wales Institute	5,425	0	0	177	429	6,031
Swansea Institute of Higher Education	5,475	96	291	0	0	5,862
Trinity College Carmarthen	2,609	121	339	0	122	3,191
Welsh College of Music and Drama	1,441	79	0	0	20	1,540
University of Wales, Registry	357	0	0	44	0	401
<b>Total</b>	<b>152,640</b>	<b>878</b>	<b>1,537</b>	<b>24,667</b>	<b>3,518</b>	<b>183,240</b>

**Other staff costs**

£ thousand

Institution	Academic Depart.'s	Academic Services	Admin. & Central Services	Premises	Residences & Catering Operations	Research Grants & Contracts	Other Expend.	Total
University of Glamorgan	3,250	2,378	3,278	815	1,095	287	2,517	13,620
University of Wales, Aberystwyth	4,020	2,321	3,868	1,380	2,665	699	1,482	16,435
University of Wales, Bangor	5,443	2,717	3,557	1,895	1,739	1,075	3,636	20,062
Cardiff University	10,256	4,385	6,478	3,515	2,539	468	802	28,443
University of Wales, Lampeter	474	396	613	266	479	32	157	2,417
University of Wales Swansea	5,295	2,122	4,442	2,219	1,875	405	1,421	17,779
University of Wales College of Medicine	4,063	1,013	1,709	107	143	1,965	1,698	10,698
University of Wales Institute, Cardiff	3,141	988	2,781	1,093	926	16	1,058	10,003
University of Wales College, Newport	1,079	879	2,270	1,333	448	1	632	6,642
North East Wales Institute	727	753	1,637	635	170	81	347	4,350
Swansea Institute of Higher Education	913	578	1,349	661	196	60	0	3,757
Trinity College, Carmarthen	0	427	718	295	547	0	101	2,088
Welsh College of Music and Drama	148	45	520	169	0	0	0	882
University of Wales, Registry	68	0	1,708	7	322	0	191	2,296
<b>Total</b>	<b>38,877</b>	<b>19,002</b>	<b>34,928</b>	<b>14,390</b>	<b>13,144</b>	<b>5,089</b>	<b>14,042</b>	<b>139,472</b>

**Coverage** All higher education institutions in Wales

**Source** 1998/99 HESA Finance Record

## FINANCE OF HIGHER EDUCATION INSTITUTIONS

**Table 13.4: Expenditure of higher education institutions by activity 1998/99**

£ thousand

Institution	Academic Departments	Academic Services	Admin & Central Services	Premises
University of Glamorgan	23,841	5,221	7,094	8,137
University of Wales, Aberystwyth	20,831	3,902	8,054	7,315
University of Wales, Bangor	26,249	4,193	6,064	6,283
Cardiff University	52,495	7,733	11,758	20,868
University of Wales, Lampeter	4,304	779	1,434	881
University of Wales Swansea	31,679	4,304	7,820	6,740
University of Wales College of Medicine	27,396	2,539	3,559	2,753
University of Wales Institute, Cardiff	18,932	2,035	4,438	5,696
University of Wales College, Newport	9,521	1,756	4,474	4,736
North East Wales Institute	7,251	1,533	3,202	3,935
Swansea Institute of Higher Education	7,735	1,275	2,839	2,211
Trinity College Carmarthen	2,997	964	2,105	620
Welsh College of Music and Drama	2,163	222	1,043	426
University of Wales, Registry	523	0	2,824	109
<b>Total</b>	<b>235,917</b>	<b>36,456</b>	<b>66,708</b>	<b>70,710</b>

£ thousand

Institution	Residences and Catering Operations	Research Grants and Contracts	Other Expenditure	Total
University of Glamorgan	3,677	2,832	7,857	58,659
University of Wales, Aberystwyth	7,673	6,505	4,582	58,862
University of Wales, Bangor	5,597	7,718	7,141	63,245
Cardiff University	10,639	17,610	6,334	127,437
University of Wales, Lampeter	1,248	189	615	9,450
University of Wales Swansea	7,268	8,029	10,185	76,025
University of Wales College of Medicine	367	12,064	11,783	60,461
University of Wales Institute, Cardiff	2,932	493	2,725	37,251
University of Wales College, Newport	1,327	486	991	23,291
North East Wales Institute	623	517	1,052	18,113
Swansea Institute of Higher Education	461	68	0	14,589
Trinity College Carmarthen	1,615	30	270	8,601
Welsh College of Music and Drama	231	0	58	4,143
University of Wales, Registry	611	125	1,799	5,991
<b>Total</b>	<b>44,269</b>	<b>56,666</b>	<b>55,392</b>	<b>566,118</b>

**Coverage** All higher education institutions in Wales

**Source** 1998/99 HESA Finance Record

FINANCE OF HIGHER EDUCATION INSTITUTIONS

Table 13.5: Academic department expenditure by cost centre 1998/99

£ thousand

Academic Department	UoG	UWA	UWB	CU	UWL	UWS	UWCM
01 Clinical Medicine	353	0	0	0	0	0	16,299
02 Clinical Dentistry	0	0	0	0	0	0	3,093
03 Veterinary Science	150	0	0	0	0	0	0
04 Anatomy & Physiology	258	0	0	1,035	0	0	0
05 Nursing & Paramedical Studies	2,922	0	3,918	0	0	5,558	7,892
06 Health & Community Studies	38	0	0	106	0	1,141	0
07 Psychology & Behavioural Sciences	226	0	2,679	2,107	0	1,011	0
08 Pharmacy	0	0	0	3,176	0	0	0
09 Pharmacology	0	0	0	0	0	0	112
10 Biosciences	383	2,862	2,331	6,191	0	2,089	0
11 Chemistry	335	0	784	1,596	0	1,227	0
12 Physics	46	954	0	1,358	0	532	0
13 Agriculture & Forestry	17	2,348	1,650	0	0	0	0
14 Earth, Marine & Environmental Sciences	939	689	2,367	1,606	0	0	0
15 General Sciences	401	0	0	0	0	0	0
16 General Engineering	171	0	0	0	0	0	0
17 Chemical Engineering	246	0	0	0	0	609	0
18 Mineral, Metallurgy & Materials Engineering	0	0	0	0	0	1,251	0
19 Civil Engineering	1,108	0	0	1,654	0	900	0
20 Electrical, Electronic & Computer Engineering	1,609	0	1,338	3,277	0	976	0
21 Mechanical, Aero & Production Engineering	1,276	0	0	1,629	0	927	0
22 Other Technologies	395	0	0	0	0	0	0
23 Architecture, Built Environment & Planning	1,208	0	0	3,024	0	0	0
24 Mathematics	1,034	611	409	1,240	0	508	0
25 Information Technology & System Sciences	1,685	1,307	0	0	126	643	0
26 Catering & Hospitality Management	0	0	0	0	0	0	0
27 Business & Management Studies	3,358	691	794	6,728	112	1,195	0
28 Geography	152	1,281	0	1,258	407	1,345	0
29 Social Studies	1,886	2,861	936	6,149	244	3,512	0
30 Librarianship, Communication & Media Studies	327	1,096	1,008	1,395	0	0	0
31 Language Based Studies	955	1,770	1,898	4,006	1,214	3,257	0
32 Humanities	1,621	784	1,024	2,800	1,972	1,738	0
33 Design & Creative Arts	311	1,351	514	699	0	29	0
34 Education	320	1,225	3,337	0	0	1,955	0
41 Continuing Education	111	1001	1262	1461	229	1276	0
<b>Total</b>	<b>23,841</b>	<b>20,831</b>	<b>26,249</b>	<b>52,495</b>	<b>4,304</b>	<b>31,679</b>	<b>27,396</b>

# FINANCE OF HIGHER EDUCATION INSTITUTIONS

**Table 13.5 (continued): Academic department expenditure by cost centre 1998/99**

£ thousand

Academic Department	UWIC	UWCN	NEWI	SIHE	Trinity	WCMD	UWR	Total
01 Clinical Medicine	0	0	0	0	0	0	0	16,652
02 Clinical Dentistry	209	0	0	0	0	0	0	3,302
03 Veterinary Science	0	0	0	0	0	0	0	150
04 Anatomy & Physiology	0	0	0	0	0	0	0	1,293
05 Nursing & Paramedical Studies	758	0	0	119	0	0	0	21,167
06 Health & Community Studies	1,030	471	1,350	0	0	0	0	4,136
07 Psychology & Behavioural Sciences	291	0	0	0	0	0	0	6,314
08 Pharmacy	0	0	0	0	0	0	0	3,176
09 Pharmacology	0	0	0	0	0	0	0	112
10 Biosciences	1,347	0	0	0	0	0	0	15,203
11 Chemistry	0	0	0	0	0	0	0	3,942
12 Physics	0	0	0	0	0	0	0	2,890
13 Agriculture & Forestry	835	0	0	0	0	0	0	4,850
14 Earth, Marine & Environmental Sciences	405	0	0	0	0	0	0	6,006
15 General Sciences	0	0	963	0	276	0	0	1,640
16 General Engineering	0	0	1,022	0	0	0	0	1,193
17 Chemical Engineering	0	0	0	0	0	0	0	855
18 Mineral, Metallurgy & Materials Engineering	0	0	0	0	0	0	0	1,251
19 Civil Engineering	0	69	0	0	0	0	0	3,731
20 Electrical, Electronic & Computer Engineering	563	292	0	0	0	0	0	8,055
21 Mechanical, Aero & Production Engineering	923	769	0	489	0	0	0	6,013
22 Other Technologies	0	0	0	1,562	0	0	0	1,957
23 Architecture, Built Environment & Planning	122	0	438	301	0	0	0	5,093
24 Mathematics	0	0	0	0	0	0	0	3,802
25 Information Technology & System Sciences	888	614	407	401	137	0	0	6,208
26 Catering & Hospitality Management	1,040	0	0	0	0	0	0	1,040
27 Business & Management Studies	2,098	1,405	962	2,060	0	0	0	19,403
28 Geography	0	0	45	0	0	0	0	4,488
29 Social Studies	0	0	0	284	0	0	0	15,872
30 Librarianship, Communication & Media Studies	0	0	0	0	82	0	0	3,908
31 Language Based Studies	0	0	0	0	0	0	0	13,100
32 Humanities	0	847	209	293	999	0	523	12,810
33 Design & Creative Arts	3,296	2,119	834	1,355	0	2,163	0	12,671
34 Education	5,127	2,935	1,021	871	1,503	0	0	18,294
41 Continuing Education	0	0	0	0	0	0	0	5,340
<b>Total</b>	<b>18,932</b>	<b>9,521</b>	<b>7,251</b>	<b>7,735</b>	<b>2,997</b>	<b>2,163</b>	<b>523</b>	<b>235,917</b>

**Coverage** All higher education institutions in Wales

**Note**

UoG	University of Glamorgan	UWIC	University of Wales Institute Cardiff
UWA	University of Wales, Aberystwyth	UWCN	University of Wales College, Newport
UWB	University of Wales, Bangor	NEWI	North East Wales Institute
CU	Cardiff University	SIHE	Swansea Institute of Higher Education
UWL	University of Wales, Lampeter	Trinity	Trinity College Carmarthen
UWS	University of Wales Swansea	WCMD	Welsh College of Music and Drama
UWCM	University of Wales College of Medicine	UWR	University of Wales, Registry

**Source** 1998/99 HESA Finance Record

**FINANCE OF HIGHER EDUCATION INSTITUTIONS**

**Table 13.6: Research grants and contracts expenditure by institution 1998/99**

£ thousand

<b>Institution</b>	<b>OST Research Councils</b>	<b>UK-based Charities</b>	<b>UK Govt Bodies, Health &amp; Hosp Authorities</b>	<b>UK Industry, Commerce, Public Corps</b>
University of Glamorgan	262	118	1,251	277
University of Wales, Aberystwyth	1,857	883	1,484	840
University of Wales, Bangor	1,836	385	2,499	742
Cardiff University	4,563	2,379	3,816	4,010
University of Wales, Lampeter	23	27	124	0
University of Wales Swansea	3,354	336	1,506	1,316
University of Wales College of Medicine	1,831	4,822	2,659	901
University of Wales Institute, Cardiff	0	3	464	14
University of Wales College, Newport	0	0	3	454
North East Wales Institute	93	124	97	79
Swansea Institute of Higher Education	0	0	0	68
Trinity College Carmarthen	0	30	0	0
Welsh College of Music and Drama	0	0	0	0
University of Wales, Registry	18	30	57	0
<b>Total</b>	<b>13,837</b>	<b>9,137</b>	<b>13,960</b>	<b>8,701</b>

<b>Institution</b>	<b>EU Sources</b>	<b>Other Overseas</b>	<b>Other Sources</b>	<b>Total</b>
University of Glamorgan	271	31	622	2,832
University of Wales, Aberystwyth	833	149	459	6,505
University of Wales, Bangor	1,548	186	522	7,718
Cardiff University	1,372	778	692	17,610
University of Wales, Lampeter	14	1	0	189
University of Wales Swansea	1,185	290	42	8,029
University of Wales College of Medicine	497	302	1,052	12,064
University of Wales Institute, Cardiff	12	0	0	493
University of Wales College, Newport	8	0	21	486
North East Wales Institute	79	34	11	517
Swansea Institute of Higher Education	0	0	0	68
Trinity College Carmarthen	0	0	0	30
Welsh College of Music and Drama	0	0	0	0
University of Wales, Registry	7	13	0	125
<b>Total</b>	<b>5,826</b>	<b>1,784</b>	<b>3,421</b>	<b>56,666</b>

**Coverage** All higher education institutions in Wales

**Source** 1998/99 HESA Finance Record

## FINANCE OF HIGHER EDUCATION INSTITUTIONS

**Table 13.7: Other services rendered (from other operating income) by institution 1998/99**

£ thousand

Institution	Course Validation Fees	Teaching Companies	UK Govt Bodies, Health & Hosp Authorities	UK Industry, Commerce, Public Corps
University of Glamorgan	0	742	580	2,431
University of Wales, Aberystwyth	0	0	96	219
University of Wales, Bangor	0	0	823	648
Cardiff University	0	437	627	819
University of Wales, Lampeter	0	0	83	0
University of Wales Swansea	162	0	2,106	298
University of Wales College of Medicine	0	0	11,475	79
University of Wales Institute, Cardiff	0	57	641	686
University of Wales College, Newport	0	0	0	983
North East Wales Institute	0	92	116	257
Swansea Institute of Higher Education	0	0	0	66
Trinity College Carmarthen	0	0	10	50
Welsh College of Music and Drama	0	0	0	40
University of Wales, Registry	1,785	0	0	0
<b>Total</b>	<b>1,947</b>	<b>1,328</b>	<b>16,557</b>	<b>6,576</b>

£ thousand

Institution	EU Government Bodies	EU Other	Other Overseas	Other Sources	Total
University of Glamorgan	863	12	195	0	4,823
University of Wales, Aberystwyth	2	0	53	910	1,280
University of Wales, Bangor	621	20	312	802	3,226
Cardiff University	60	0	127	2,299	4,369
University of Wales, Lampeter	492	0	0	0	575
University of Wales Swansea	2,225	0	283	208	5,282
University of Wales College of Medicine	0	42	5	775	12,376
University of Wales Institute, Cardiff	527	0	0	0	1,911
University of Wales College, Newport	588	0	0	183	1,754
North East Wales Institute	0	0	0	159	624
Swansea Institute of Higher Education	153	0	0	0	219
Trinity College Carmarthen	0	41	0	0	101
Welsh College of Music and Drama	0	0	0	0	40
University of Wales, Registry	12	0	0	65	1,862
<b>Total</b>	<b>5,543</b>	<b>115</b>	<b>975</b>	<b>5,401</b>	<b>38,442</b>

**Coverage** All higher education institutions in Wales

**Source** 1998/99 HESA Finance Record

## FINANCE OF HIGHER EDUCATION INSTITUTIONS

**Table 13.8: Key financial ratios by institution 1998/99**

Institution	HEFCW grant as percentage of annual income	Surplus/(deficit) as a percentage of annual income	Historic cost surplus/(deficit) as a percentage of annual income	General reserves as a percentage of annual income
University of Glamorgan	53.0	5.8	5.8	54.4
University of Wales, Aberystwyth	45.4	(5.5)	(1.7)	39.8
University of Wales, Bangor	41.8	(2.5)	(0.9)	50.4
Cardiff University	42.7	2.2	4.6	51.5
University of Wales, Lampeter	53.1	(0.5)	(0.5)	56.6
University of Wales, Swansea	42.2	2.4	2.4	19.5
University of Wales College of Medicine	22.6	(1.0)	(0.7)	22.1
University of Wales Institute, Cardiff	57.7	(0.3)	1.6	26.0
University of Wales College, Newport	61.2	2.2	4.4	27.8
North East Wales Insititute	58.9	(0.1)	2.3	7.1
Swansea Institute of Higher Education	68.7	3.6	4.9	27.9
Trinity College Carmarthen	55.8	1.3	1.3	18.6
Welsh College of Music and Drama	67.2	0.7	3.1	18.7
University of Wales, Registry	9.0	4.4	4.4	118.3
<b>Sector</b>	<b>44.9</b>	<b>0.8</b>	<b>2.2</b>	<b>38.5</b>

Institution	Ratio of current assets to current liabilities	Debtors days	Creditors days	Premises expenditure as a percentage of total expenditure	% ratio of long term liabilities to total general funds
University of Glamorgan	3.9	37.0	50.5	9.5	36.9
University of Wales, Aberystwyth	1.5	42.8	80.9	4.6	74.0
University of Wales, Bangor	1.2	46.5	60.4	4.3	59.1
Cardiff University	3.5	35.0	51.7	6.8	49.9
University of Wales, Lampeter	1.5	23.4	48.8	4.2	34.7
University of Wales, Swansea	1.4	31.6	60.6	4.7	97.4
University of Wales College of Medicine	2.1	41.4	65.1	4.1	0.0
University of Wales Institute, Cardiff	1.1	18.1	86.3	10.1	72.7
University of Wales College, Newport	0.7	15.4	63.4	10.1	49.9
North East Wales Insititute	1.0	21.6	61.6	10.6	382.7
Swansea Institute of Higher Education	3.2	32.4	24.2	5.6	61.9
Trinity College Carmarthen	2.0	19.0	30.5	2.9	205.4
Welsh College of Music and Drama	1.3	7.7	44.4	5.3	19.1
University of Wales, Registry	3.8	60.9	100.6	1.7	0.2
<b>Sector</b>	<b>2.1</b>	<b>34.7</b>	<b>60.7</b>	<b>6.3</b>	<b>54.1</b>

**Coverage** All higher education institutions in Wales

**Source** 1998/98 HESA Finance Record

## FINANCE OF HIGHER EDUCATION INSTITUTIONS

**Table 13.9: Financial position of higher education institutions 1998/99**

£ thousand

Institution	Annual Operating Surplus/(Deficit)	Historic cost Surplus/(Deficit)	General Reserves	Increase/(Decrease) in Cash
University of Glamorgan	3,618	3,636	33,874	(346)
University of Wales, Aberystwyth	(3,058)	(951)	22,193	2,775
University of Wales, Bangor	(1,552)	(566)	31,047	404
Cardiff University	2,883	5,964	67,060	(176)
University of Wales, Lampeter	(44)	(44)	5,324	133
University of Wales, Swansea	1,889	1,889	15,214	1,846
University of Wales College of Medicine	(607)	(424)	13,249	(1,833)
University of Wales Institute, Cardiff	(102)	589	9,651	1,105
University of Wales College, Newport	521	1,059	6,631	745
North East Wales Insititute	(18)	411	1,292	(1,641)
Swansea Institute of Higher Education	547	748	4,220	133
Trinity College Carmarthen	111	111	1,621	(21)
Welsh College of Music and Drama	28	130	781	226
University of Wales, Registry	279	279	7,417	(181)
<b>Total</b>	<b>4,495</b>	<b>12,831</b>	<b>219,574</b>	<b>3,169</b>

**Coverage** All higher education institutions in Wales

**Source** 1998/99 HESA Finance Record



**APPENDICES A TO C**

## FURTHER EDUCATION DEFINITIONS

### FE STUDENT DATA DEFINITIONS

#### 1 COVERAGE

The further education sector comprises a range of institutions providing part-time and full-time education. There were 15 colleges of further education in 1998/99 including three land-based colleges. Nine tertiary colleges provide the greater part of post-16 education for their area. The sector also includes a denominational sixth form college, an adult residential college, two districts of the Workers' Educational Association (WEA) and adult education provision by the Young Men's Christian Association (YMCA). Note that during 1998/99 Afan and Neath colleges merged to form Neath Port Talbot College.

The majority of students within this sector are pursuing qualification aims at a further education level. A minority are classified as higher education students; that is their principal qualification aims are at a higher education level (see Appendix B). Further education students are those whose principal qualification aims are at a lower level than that classified as higher education; that is no higher than the Advanced Level of the General Certificate of Education (GCE), Advanced General National Vocational Qualification (GNVQ) or National Vocational Qualification (NVQ) Level 3.

Where information available from the Individualised Student Record (ISR) does not enable a firm classification of the student, he or she has been assigned as further education. The tables included in sections 3 and 4 are based solely on further education students (using the definition given above) at further education institutions. Where information on further education students at higher education institutions is provided (eg Table 1.2) the Higher Education Statistics Agency (HESA) is the source and the definitions are those adopted by HESA (see Appendix B).

The ISR is designed to collect information on students in the further education sector. The Student dataset provides information on individual students. The Student Qualification Aim dataset provides information on individual enrolments to qualification aims, which will exceed the number of students as many embark on programmes of study leading to several different qualifications. Sections 1 (except for Table 1.4), 2 and most of the tables of section 3 refer to student numbers. Tables 3.10 and 3.11 link students to qualification types or levels. The figures in each row refer to the number of students (as opposed to the number of student qualification aims, which will in general be higher) studying each broad qualification type. Note that, in tables 3.10 and 3.11, an individual student, although represented only once in each row, may appear in more than one row. Section 4 and Table 1.4 use enrolments to student qualification aims and so a student may appear in more than one row and/or more than once in a given row.

Two distinct student populations are used in the tables:

- (i) the **December population** in Section 2 and parts of Section 1, used to maintain consistency with earlier years in trend analyses. This includes all further education students as at 1 December of the academic year. There is a slight refinement of the definition in 1998/99. All students enrolled in the week of 1 December are included but students for whom no teaching or learning activity is recorded at any point in the academic year are excluded unless they complete their programme of study. Students with an invalid mode of attendance are excluded from the December population
- (ii) the **academic year standard student population** in Section 3 and parts of section 1. This includes all further education students during the academic year 1 August 1998 to 31 July 1999 excluding those who left before 1 November without completing any qualifications or non-examinable programmes of study. Again students for whom no teaching or learning activity is recorded are also excluded unless they complete the programme (eg by submitting outstanding course work). To facilitate comparisons between numbers of students in the academic years 1998/99 and 1997/98 the latter has been calculated retrospectively on the new basis in Table 1.5.

Section 4 utilises the qualification aims associated with the standard student population. In order to avoid double-counting of qualification aims, students transferring from one qualification to another are counted only for the qualification to which they transfer.

## 2 MODE

Four modes of attendance are used in the FE pages of this volume: full-time, sandwich, part-time day and other. These are themselves amalgamations of more detailed modes of attendance. In the majority of tables, the four categories are grouped into two: full-time/sandwich and part-time/other. When appearing in main titles (as opposed to row titles), these two categories are abbreviated to 'full-time' and 'part-time'.

- **Full-time:** To be classified as full-time, a student must attend one or more programmes of study totalling at least 15 hours and at least 7 sessions per week or for more than 21 hours per week with no sessional requirement. Note that courses that satisfy the learning hours requirement for full-time but are of less than four weeks' duration are included within part-time (day).
- **Sandwich** students are those who spend time in college and in industry for whom the period of full-time study averages 19 weeks or more per academic year taken over the whole programme of study, in college and in industry.
- **Part-time day** students include those studying part-time but not on an evening-only basis, students on block release or other release from employment and non-released day time students. Students who are studying on evening only programmes of study, but who are released from employment for this purpose, are recorded as part-time released and included under this mode. Short programme of study students (those whose attendance consists of a single, self-contained period of full-time study of less than four weeks within one academic year which is unbroken by any industrial training or employment) are also included under this mode of attendance. Note that the treatment of short courses differs from that used in Further Education Early Student Statistics Bulletins which assign them to 'other'.
- **Other:** This category includes all students not covered above. It includes students who attend lectures or other activities which take place in the evening session only. If a lecture overlaps the afternoon and evening sessions it is considered part of the session in which most of the lecture period takes place. Students attending evening-only programmes of study and having fees paid by the employer without being released from work or given time off in lieu, are coded as evening only. Also included are open or distance learning students (those studying with specially prepared learning material for their private study who are provided with a marking and comment service for their written work which may be accompanied by some counselling and tutorial support), those assessed via accreditation of prior learning and students undertaking work-based assessment.

The student-based mode of attendance in the week of 1 December is used to classify students on the census date (December population). Use of the student qualification aim based funding mode of attendance enables students on full-time courses starting after 1 December to be classified. This method is used to establish modes of attendance for the academic year population.

## 3 DOMICILE

Tables 3.3 and 3.4 refer to country of origin or domicile. This information is supplied by the institutions through the ISR Student dataset.

Of those students from overseas, **Other EU** students are those normally resident in countries which were European Union members on 1 December 1998. **Other Overseas** includes students whose normal place of residence prior to commencing their programme of study was outside the European Union.

## 4 AGE

Age is as at 31 August 1998. Students whose date of birth is not recorded in the ISR are assumed to be aged 25 years or over and are included within the numbers of adults in the background to the tables (even if they cannot be assigned to a specific age group).

## 5 STUDENTS TAUGHT AT FURTHER EDUCATION INSTITUTIONS

The total number of students taught at an institution in Table 1.3 is calculated by taking the total number of students enrolled, subtracting those who are taught outside the institution under a third party (franchise) agreement and adding those franchised in from HE institutions. Distance learning students are counted within the numbers taught at the institution.

## 6 STUDENT LOAD/FULL-TIME EQUIVALENT (FTE) STUDENTS

In previous editions of this volume, as a measure of student activity, the FTEs (full-time equivalents) for further education students were derived from data collected through the Further Education Early Student Statistics (FEES) Form A return. Weighting factors were used to convert enrolments on 1 November to full-year FTEs. The old method of calculating FTEs was less satisfactory as the factors were becoming out of date and the FEES return did not provide an adequate reflection of the complexity of the FE sector. The new method is based on the ISR which brings it into line with the other FE statistics in this volume.

The student load is calculated as follows:

- each full-time, full year student is counted as 1;
- for all other students the total taught hours are adjusted for drop-out and divided by the sector average for full-time, full year students; and
- the student load for each student is capped at 1.

The student load for part-time students enrolled at HE institutions but franchised into FE institutions have been obtained by dividing their credit values by 120.

The student loads for students taught at further education institutions used as the numerators of student staff ratios in Tables 6.7 and 6.8 are derived from the student loads of FE and HE students enrolled at the institution (from the ISR) adjusted for the proportion taught outside the institution (see Table 1.3) plus the load of students who are franchised in from higher education institutions (from the HEFCW End of Year Monitoring Survey 1998). The same student loads are used as the denominators in the indicators of expenditure per unit student load taught in Tables 7.3 and 7.4. However, the FTEs used in Table 7.5 are the full-year FTEs derived from the FEES data with no further adjustments. The latter approach is adopted to reflect the method used for setting funding targets. From 1999/2000 onwards the ISR will be used to derive these FTEs.

Although Tables 6.7, 6.8, 7.3 and 7.4 for 1997/98 were originally published on a FEES basis, they were republished using the new method of calculating student load as Annex B of Bulletin B00/09 '*Management Statistics for FE institutions*'.

## **7 STUDENTS SUPPORTED BY EMPLOYERS**

For the purpose of Table 3.8a the student is deemed to be supported by an employer if any of the following apply:

- the employer is a source of funding; or
- the employer is a source of tuition fees; or
- the employer makes a contribution towards training or assessment; or
- the student's mode of attendance is block release; or
- the student's mode of attendance is part-time released

## **8 LEVEL / TYPE OF QUALIFICATION**

Several of the tables in Sections 3 and 4 refer to qualification type or level, in a further education context. In the case of NVQs there are levels 1, 2 and 3. The corresponding levels for GNVQs are foundation, intermediate and advanced. Information is also given on GCSEs and GCE A/AS Level as well as Open College Network (OCN) and courses for Students with Learning Difficulties and Disabilities (SLDD). The allocation of a qualification type or level is generally via the Qualifications Database or directly from the ISR. It should be noted that the 'other' category includes all qualification types not specifically listed in the tables in Section 3 and 4. It may include cases of the listed qualifications in the tables where there was insufficient information to assign them to a category.

## **9 MAINSTREAM QUALIFICATIONS**

A number of the tables in Section 5 refer to mainstream qualifications. For the purpose of this volume, mainstream qualifications are those categorised under the Further and Higher Education Act of 1992 as Schedules 2a, b or c. The descriptions under the Act are:

- Schedule 2a) a course which prepares students to obtain a vocational qualification which is, or falls within a class, for the time being approved for the purposes of this sub-paragraph by the Secretary of State;
- Schedule 2b) a course which prepares students to qualify for the General Certificate of Secondary Education or the General Certificate of Education at Advanced Level (or Advanced Supplementary Level);
- Schedule 2c) a course for the time being approved for the purposes of this sub-paragraph by the Secretary of State which prepares students for entry to a course of higher education.

Some of the tables in Section 5 split the qualifications into Mainstream A and Mainstream B. Mainstream A comprises GNVQ, NVQ, GCSE, BTEC First, BTEC National, A/AS Level and Access to HE courses. Mainstream A therefore includes qualifications from each of Schedules 2a, b or c. Mainstream B includes all other mainstream qualifications, ie Schedule 2a excluding GNVQ, NVQ, BTEC First and BTEC National.

## **10 SUBJECT AREAS**

In Tables 4.1 a to c, Table 4.2 and Table 5.5, student qualification aims have been aggregated into broad subject areas. These are based on the first letter of the Superclass II code for that qualification. Superclass II is a classification system for the subject of study.

In Table 4.3, student qualification aims have been aggregated into programme areas, which correspond to the categories used for funding purposes.

The allocation to subjects and programme areas is generally via linkage with the Qualifications Database. Usually where no link is possible, the information can be obtained from the ISR directly but occasionally the student qualification aim is assigned as 'not specified'.

## 11 ATTAINMENT RATES

The attainment rates shown in Table 5.2 show the number of student qualification aims for which a pass grade was attained as a proportion of all student qualification aims for which the learning activities were completed. In past years, the reliability of some of the data has been doubtful and a number of institutions were excluded from the sample used to construct the table. As all the qualification types appearing on this table are now regarded as being assessable, any 'non-assessable' codes provided by institutions have been assumed to be 'not achieved', as have any instances of unknown outcome.

## 12 DEPRIVATION INDEX CATEGORIES

Table 3.9 groups students into deprivation index categories: bands 1, 2 and 3. These bands are determined by the postcode of the student which enables each student's domicile (if in Wales) to be matched to an electoral ward. Each ward has been assigned a factor based on census data supplied by the Welsh Office (subsequently the National Assembly for Wales) which expresses its relative level of social and economic deprivation: bands 1, 2 and 3 qualify for the widening participation factor in funding, Band 1 being the least deprived and Band 3 the most. Table 3.9 excludes students domiciled in wards falling outside these bands. Not every student represented in these qualifying bands is individually eligible for funding.

## 13 ECONOMIC REGIONS

Table 4.1 categorises institutions according to the Economic Regions. The institutions represented in each region are:

South Wales Economic Forum:	Aberdare College, Barry College, Bridgend College, Coleg Glan Hafren, Gwent Tertiary College, Merthyr Tydfil College, Pencoed College, Pontypridd College, St David's Sixth Form College, YMCA, WEA (South), Ystrad Mynach
South West Wales Economic Forum:	Afan College, Carmarthenshire College, Gorseinon College, Neath College, Pembrokeshire College, Swansea College
Mid Wales Partnership:	Coleg Ceredigion, Coleg Powys, Coleg Harlech, Coleg Meirion-Dwyfor (a)
North Wales Economic Forum:	Coleg Meirion-Dwyfor (b), Deeside College, Coleg Llandrillo, Coleg Llysfasi, Coleg Menai, WEA (North), Welsh College of Horticulture, Yale College

Note that in the case of Coleg Meirion-Dwyfor, each enrolment has been allocated to its appropriate Economic Region according to the associated site code.

## FE STAFF DATA DEFINITIONS

The source of data for staff in section 6 is the Staff Individualised Record (SIR) for 1998/99.

### 1 MODE OF EMPLOYMENT

The SIR does not collect information directly on full-time and part-time staff. The modes are derived from information on the proportion of full-time hours each member of staff is contracted to work. In some cases, staff may have more than one contract of employment. The **full time equivalent (FTE)** of the member of staff is the sum of proportions of full-time hours over his or her contracts. Full-time contracts are regarded as those for which the proportion of hours is 100 per cent (or more) of those of a notional full-time member of staff. Other contracts are regarded as being part-time. A full-time member of staff is one for whom the sum of his or her FTE across contracts is one (or more). Other staff are regarded as being part-time.

### 2 TEACHING STATUS AND OTHER WORK CATEGORIES

The SIR includes the institutions' assessment of the percentage of contracted work time that is allocated to teaching and learning, supporting teaching and learning and to other support. These enable an allocation of FTEs to the three categories of work as shown in Table 6.1.

A different methodology is used to separate teaching staff from other staff in Table 6.2. In this table, staff are included in the teaching staff category if their principal function is teaching (and most of their salary is allocated to expenditure in 'teaching and learning departments: teaching staff' in the Finance Record). All other staff are allocated to the 'other staff' on this table.

### 3 AGE

Age of academic staff is at 31 August 1998.

### 4 STUDENT STAFF RATIOS

The student staff ratios are calculated in two different ways. In both, the student loads are as described above but, in Table 6.7, the staff FTEs include only the part of each member of staff's work which has been attributed to teaching activities (including activities such as preparation and marking); in Table 6.8 the staff FTE also includes non-teaching work carried out in the teaching and learning departments such as the work of demonstrators, technicians, language assistants and open learning workshop staff.

## **FE FINANCE DATA DEFINITIONS**

### **1 SOURCES OF INCOME**

#### **FEFCW grant**

This category includes all income received from the FEFCW, classified as follows:

- recurrent grant - main grant;
- other recurrent funding from the FEFCW;
- release of deferred capital grants (FEFCW only);
- Access funds;
- income for external institutions sponsored by the institution under section 6(5) of the Further and Higher Education Act 1992.

#### **Education contracts**

This category includes all income received resulting from tuition provided in respect of agreements with external bodies, classified as follows:

- Local Education Authorities (LEAs);
- Training and Enterprise Councils (TECs);
- higher education income;
- other educational contracts;
- New Deal.

#### **Tuition fees and charges**

This category covers all income received in respect of fees for students on programmes of study for which fees are charged, including examination fees.

#### **Other grant income**

This category contains income from all other grants not included under the above categories (eg European funds) and also any income in respect of research carried out by the institution for which expenditure has been incurred.

#### **Other operating income**

This category covers operating income not classified under previous categories, including that from institution companies, classified as follows:

- catering and residences operations;
- release of deferred capital grants (non-FEFCW);
- farm income;
- profit on disposal of fixed assets;
- other income generating activities;
- other income.

#### **Investment income**

This category includes income from investments and other interest receivable.



## CATEGORIES OF EXPENDITURE

Expenditure within further education institutions is divided into two categories:

- non-pay expenditure;
- pay expenditure.

### 2a *Non-pay expenditure*

**Non-pay expenditure** includes materials, consumables, uncapitalised equipment, stationery, travel and subsistence, postage, telephone charges, books, periodicals, copyright licences, advertising, relocation contributions, consultants fees, insurance's and revenue building works. The costs of staff seconded into the institution, consultants and contractors are also included. Categories of non-pay expenditure are listed below.

#### **Teaching and learning departments**

This category covers all revenue expenditure on teaching and demonstrating (such as equipment maintenance, stationery, transport and field trips), including sub-contracted tuition and tuition provided on behalf of the institution by means of a third party arrangement (franchise).

#### **Teaching and learning support services**

This category covers the costs of centrally organised services providing learning support to all students, including libraries and computer and resource-based learning centres.

#### **Other support services**

This category covers the costs of services that are not directly linked to teaching and learning, including staff development, students' careers advisory services, welfare services, activities provided as recreation (eg music, drama, sport) and support for student unions.

#### **Administration and central services**

This category contains the cost of central administration, ie the support cost of the principal and other senior managers, together with costs not identified to other activities such as bank charges (excluding interest), legal fees, audit fees and the running costs of administrative computers.

#### **General education expenditure**

This category includes centrally incurred costs in respect of marketing (eg market research, prospectuses) and assessment related expenditure (including subscriptions to validating bodies, examination expenses, marking, inspection costs or fees and hire of halls and services for examination purposes).

#### **Premises**

This category shows the cost of providing space within institutions, including:

- running costs other than maintenance;
- routine maintenance;
- rents and leases.

### **Long-term maintenance**

This category records costs in respect of long term maintenance, including condition survey work and planned maintenance expenditure generally identified by institutions in medium term planned maintenance programmes.

### **Sponsorship/Section 6(5)**

This category contains all payments made to external bodies under Section 6(5) of the Further and Higher Education Act 1992.

### **Research and consultancy/Other income-generating activities/Catering and Residences/Farm**

These categories show the marginal costs of providing the activities that generate the corresponding streams of income (marginal costs are those costs which are incurred solely and necessarily to secure the income).

### **Miscellaneous**

This category includes trainee allowance costs where the institution acts as the managing agent.

### **Depreciation**

This category records all depreciation charged during the academic year, including depreciation on inherited assets and depreciation funded by deferred capital grants.

### **Interest payable**

This category includes interest on long-term loans, bank overdrafts and local authority deficit loans.

## **2b Pay expenditure**

**Pay expenditure** includes basic payroll costs, overtime and other allowances and additions, employers' superannuation costs, national insurance contributions, premature retirement costs and redundancy costs. Categories of pay expenditure are listed below:

### **Teaching and learning departments**

This category covers all costs in respect of teaching staff, pay for all other departmental staff (such as technicians, administration staff and clerical teaching support staff), costs of staff who teach partial or full cost recovery programmes, short or special courses and the costs of staff from income received for higher education courses provided under a third party arrangement (franchise).

### **Teaching and learning support services**

This category covers the pay of employees who are wholly or mainly engaged in library duties, other learning support centres or managing and running the installation of computer and resource-based learning centres.

### **Other support services**

This category includes the cost of staff development and the pay for staff such as student welfare officers, recreation tutors, accommodation officers, careers officers and related staff.

### **Administration and central services**

This category includes the pay and costs of other emoluments of staff such as the principal, other senior managers and support staff and those wholly engaged in administrative computing work.

### **General education expenditure**

This category includes the cost of any staff predominantly employed for marketing or assessment related work.

### **Premises**

This category includes the costs of staff whose main responsibilities are running costs (eg cleaners, caretakers), routine maintenance and condition survey work.

### **Research and consultancy/Other income-generating activities/Catering and residences/ Farm**

These categories include all relevant pay related costs of providing the activities that generate the corresponding streams of income.

### **Miscellaneous**

This category includes any staff costs not included in any of the above categories.

### **Staff restructuring**

This category includes all staff-related initial payments in respect of restructuring (redundancy compensation and enhanced pension payments) and the provision required to fund long-term liability for pensions/superannuation (SSAP 24).

## **3 SOURCE OF FINANCE DATA**

The source of data for Section 7 is the FEFCW's Finance Record 1998/99.

### **Income of further education institutions**

FEFCW Grant: Table 1, sub-head 1.1  
Education contracts: Table 1, sub-head 1.2  
Tuition Fees and Charges: Table 1, sub-head 1.3  
Other Grant Income: Table 1, sub-head 1.4  
Other Operating Income: Table 1, sub-head 1.5  
Investment Income: Table 1, sub-head 1.6  
Total Income: Table 1, sub-head 1.7

### **Expenditure of further education institutions**

Total Expenditure: Table 2b, entry 2b.15  
Total Pay Expenditure: Table 2b, entry 2b.13  
Teaching Staff: proportion of Total Pay Expenditure:  
    Numerator: Teaching Staff Expenditure: Table 2b, entry 2b.1a  
    Denominator: Total Pay Expenditure: Table 2b, entry 2b.13  
Non-teaching Staff: proportion of Total Pay Expenditure:  
    Numerator: Non-teaching Staff Expenditure: Table 2b, calculation of entry 2b.13 minus 2b.1a  
    Denominator: Total Pay Expenditure: Table 2b, entry 2b.13  
Pay Expenditure as a proportion of Total Expenditure:  
    Numerator: Total Pay Expenditure: Table 2b, entry 2b.13  
    Denominator: Total Expenditure: Table 2b, entry 2b.15

### **Expenditure per unit student load taught**

Total Expenditure: Table 2b, entry 2b.15 minus Table 2a, entry 2a.1c

Unit student load taught: see student load

Expenditure per unit student load taught:

Numerator: Total Expenditure: Table 2b, entry 2b.15 minus Table 2a, entry 2a.1c

Denominator: see student load above

Note that not all institutions with third party provision showed expenditure separately in Table 2a entry 2a.1c. In these cases no adjustment for students taught outside the institution has been possible.

### **Pay expenditure on teaching and learning per unit student load**

Pay Expenditure: Pay Expenditure (teaching and learning including support services): Table 2b, entries 2b.1 and 2b.2

Unit student load taught: see student load

Expenditure per Student FTE taught:

Numerator: Total Expenditure: Pay Expenditure (teaching and learning including support services): Table 2b, entries 2b.1 and 2b.2

Denominator: see student load above

### ***Key financial ratios***

#### **FEFCW grant as a percentage of total income**

Numerator: FEFCW Grant: Table 1, sub-head 1.1

Denominator: Total Income: Table 1, sub-head 1.7

#### **FEFCW grant per FTE**

Numerator: FEFCW Grant: Table 1, sub-head 1.1

Denominator: FTE of students in all sections of FEES Form A 1998/99

#### **Annual surplus/(deficit) as a percentage of annual income**

Numerator: Annual surplus/(deficit): Table 1, sub-head 1.11

Denominator: Total Income: Table 1, sub-head 1.7

#### **Historic cost surplus/(deficit) as a percentage of annual income**

Numerator: Historic cost surplus/(deficit): Table 1, sub-head 1.13

Denominator: Total Income: Table 1, sub-head 1.7

#### **General reserves as a percentage of annual income**

Numerator: General reserves: Table 3, head 3.12

Denominator: Total Income: Table 1, sub-head 1.7

**Ratio of current assets to current liabilities**

Numerator: Current assets: Table 3, sub-head 3.2

(includes stock, debtors, short-term investments and cash at bank and in hand)

Denominator: Current liabilities: Table 3, sub-head 3.3

(includes bank overdraft and loans, LEA deficit loan, other creditors)

**Debtors days**

Numerator: Debtors: Table 3, head 3.2b x 365

Denominator: Total Income: Table 1, sub-head 1.7

**Creditors days**

Numerator: Creditors: Table 3, head 3.3c x 365

Denominator: Total expenditure: Table 2b, head 2b.15

**Premises expenditure as a percentage of total expenditure**

Numerator: Premises expenditure: Table 2a, sub-heads 2a.6 and 2a.7

Denominator: Total expenditure: Table 2b: head 2b.15

***Financial position of further education institutions*****Surplus/(deficit) after depreciation of assets at valuation and tax**

Table 1: head 1.11

**Historic cost surplus/(deficit)**

Table 1: head 1.13

**General reserves**

Table 3: head 3.12

**Increase/(decrease) in cash and cash equivalents**

Table 4: head 4.6

## HIGHER EDUCATION DEFINITIONS

### HE STUDENT DATA DEFINITIONS

#### 1 COVERAGE

Higher education students are those students on programmes of study that are of a standard that is higher than the Advanced Level of the General Certificate of Education, Advanced General National Vocational Qualification (GNVQ), or the BTEC National Certificate/Diploma.

The HESA student record contains information about individual enrolments, which, because a student can be enrolled on more than one programme of study, very slightly exceed the number of students. Sections 9, 10 and 11 of this report refer to enrolments. The one exception is Section 8 (and Section 1 for FE students at HEIs), in which actual student numbers are given. The ISR includes data about individual students: counts of HE students at Further Education Institutions (FEIs) are therefore shown on a student basis throughout.

Three distinct enrolment populations are used in the tables:

- (i) the **December population** in Section 9, used to maintain consistency with earlier years in trend analyses. This includes all higher education enrolments as at 1 December 1998 except (a) dormant students (those who have ceased studying but have not formally de-registered) (b) students studying for the whole of their programme of study outside of the UK and (c) postdoctoral students. Students who left the institution prior to 1 December 1998 or who commenced a programme of study after this date are not included in the figures. Higher education students enrolled at further education institutions on 1 December 1998 are also included.
- (ii) the **session population** in Section 10. This includes all higher education enrolments at Higher Education Institutions (HEIs) during the year 1 August 1998 to 31 July 1999 except (a) dormant students (b) students studying for the whole of their programme of study outside of the UK and (c) postdoctoral students.
- (iii) the **qualifications obtained population** in Section 11. This is a count of student enrolments at HEIs associated with the award of a HE qualification (excluding HE credits) during the period 1 August 1998 to 31 July 1999 inclusive. It does not include (a) dormant students or (b) students studying for the whole of their programme of study outside of the UK. The population includes all qualifications obtained during the 1998/99 reporting year, which were returned to HESA by 15 November 1999.

#### 2 MODE

**Full-time** students include all students studying full-time (for more than or equal to 24 weeks in the academic year), students on thick or thin sandwich courses, and those on a study-related year out of their institution. HE students at FEIs are included on the same basis as other students in FEIs; any full-time student on a course exceeding four weeks is counted as full-time.

**Part-time** students include those studying part-time, on block release, during the evenings only, full-time for less than 24 weeks in the academic year or those employing other modes of study, that is, students writing up theses or on sabbatical. The definitions for HE part-time students enrolled at FEIs correspond to those used in the ISR.

### 3 LEVEL

**Postgraduate** programmes of study are those leading to higher degrees, diplomas and certificates (including Postgraduate Certificates of Education (PGCE) and professional qualifications) which usually require a first degree as an entry qualification.

In tables where postgraduate level of study is further disaggregated into **Postgraduate Research** and **Postgraduate Taught** the following groupings are used: Postgraduate Research includes those Doctorate, Masters, Postgraduate bachelors degrees and Postgraduate diplomas or certificates (not PGCE) studied mainly by research. Postgraduate Taught includes those Doctorate, Masters, Postgraduate bachelors degrees and postgraduate diplomas and certificates studied not mainly by research, including PGCE and professional qualifications.

**First degrees** include first degrees, first degrees with eligibility to register to practice (doctor, dentist, veterinary surgeon), first degrees with Qualified Teacher Status, enhanced first degrees, first degrees obtained concurrently with a diploma and intercalated first degrees.

**Other undergraduate** includes all higher education programmes of study not included above.

### 4 DOMICILE

Domicile data was supplied to HESA in the form of postcodes (UK domiciled students) or country codes. Postcodes were mapped to counties and UK nations following consultation with Geoplan Postcode Marketing. Countries were mapped to geographical regions following consultation with Department for Education and Employment. Where no data was supplied about the student's domicile, fee eligibility was used to determine whether domicile was UK, Other EU, or Other Overseas.

**UK domiciled students** are those normally resident in the United Kingdom, including those living in the Channel Islands and Isle of Man.

Of those students from Overseas, **Other EU** students are those normally resident in countries which were European Union members as at 1 December 1998. **Other Overseas** includes students whose normal place of residence prior to commencing their programme of study was outside the EU.

### 5 AGE

Age is as at 31 August 1998.

### 6 SUBJECT AREAS

Programmes of study have been aggregated to 18 broad subject areas. The relationship of the academic content of the programme to the 18 areas has been compiled according to the following rules:

- a programme with a single subject is allocated to its area;
- if a combination of two subjects lies within one area, the programme is allocated to that area;
- if a combination of two subjects lies within more than one area, with a major/minor split, the programme is allocated to the area relating to the major part of study;
- if a combination of two subjects lies within more than one area, with an equal split, the programme is allocated to the combined area.

It should be noted that all subject combinations (major or minor) containing Initial Teacher Training (ITT) are included in the Education subject area.

## 7 THE UNIVERSITY OF WALES

The University of Wales consists of six constituent institutions:

University of Wales, Aberystwyth;  
University of Wales, Bangor;  
Cardiff University;  
University of Wales, Lampeter;  
University of Wales Swansea;  
University of Wales College of Medicine.

In addition the central functions of the University are administered by the University of Wales Registry. It also administers the University's Centre for Advanced Welsh and Celtic Studies. The Registry employs some academic staff and is included within the staff and finance tables but not in those relating to students. Two colleges joined the University of Wales as University Colleges in April 1996. They were:

University of Wales Institute, Cardiff (UWIC); and  
University of Wales College, Newport (UWCN).

Where reference is made to the constituent institutions of the University of Wales, only those institutions which were part of the University of Wales before April 1996 are included; the two University Colleges, the University of Wales Institute, Cardiff and the University of Wales College, Newport are not included.

## 8 INSTITUTIONAL CODES

Where the names of higher education institutions have been shortened in the text, the codes are as given below:

UoG	University of Glamorgan
UWA	University of Wales, Aberystwyth
UWB	University of Wales, Bangor
CU	Cardiff University
UWL	University of Wales, Lampeter
UWS	University of Wales Swansea
UWCM	University of Wales College of Medicine
UWIC	University of Wales Institute, Cardiff
UWCN	University of Wales College, Newport
NEWI	North East Wales Institute
SIHE	Swansea Institute of Higher Education
Trinity	Trinity College Carmarthen
WCMD	Welsh College of Music and Drama
UWRG	University of Wales Registry

## 9 CENSUS DATES

HESA	1 December
ISR	1 December
USR	31 December
FESR	1 November



## HE STAFF DATA DEFINITIONS

The majority of tables in Section 12 include all staff:

- who are employed under a contract of employment;
- whose primary employment function is teaching, research or teaching and research;
- who meet the 25% full-time equivalent threshold requirement.

Staff data relate to individual academic appointments (of at least 25% FTE active during the academic year 1 August 1998 to 31 July 1999). The population excludes those members of staff who left their employment (but not necessarily the institution) before 1 August 1999.

### 1 MODE OF EMPLOYMENT

**Full-time** staff are those whose contracts state that their mode of employment is full-time.

**Part-time** staff are those whose salaries are regular and calculated as a proportion of the full-time rate. This category also includes casual staff, those paid hourly and any staff whose mode of employment could not be assigned as full-time.

### 2 PRINCIPAL SOURCE OF FINANCE

**Wholly institutionally financed** staff are those who are paid wholly from general institution funds.

**Principally financed by the institution** - these staff are paid mainly from general institution funds and partly from another source.

**Other sources of finance** - these staff are paid mainly or wholly from sources other than general institution funds. These other sources include OST research councils, UK charities, UK government bodies, health and hospital authorities, UK industry, commerce and public corporations, EU sources, other overseas sources and other sources not listed.

### 3 GRADE

The grade structure indicates a staff member's grade for their present employment. Groups of grades have been devised with regard to the different grading scales used within different institutions. Grades have not, however, been linked to salary information for the purpose of this publication.

**Professors** include heads of departments, professors, former UAP scale researchers (grade IV), clinical professors and those appointed professors on a locally determined scale.

**Senior lecturers and researchers** includes principal lecturers, senior lecturers (former UAP/CSCFC scales), former UAP scale researchers (grade III), clinical senior lecturers and those appointed senior or principal lecturers on a locally determined scale.

**Lecturers** includes lecturers, senior lecturers (former PCEF scale), clinical lecturers and those appointed lecturers on a locally determined scale.

**Researchers** includes all research grades not listed above and those researchers appointed on a locally determined scale.

**Other grades** includes other grades of academic staff not listed above.

### 4 AGE

Age of academic staff is at 31 August 1998.

## HE FINANCE DATA DEFINITIONS

### 1 SOURCES OF INCOME

#### Funding Council grants

Funding Council Grants includes funding for higher education from HEFCW and for further education from FEFCW.

#### Academic fees and support grants

This category includes all income received in respect of fees for students on courses for which fees are charged.

#### Research grants and contracts

This category contains all income in respect of externally sponsored research carried out by the institution for which directly related expenditure has been incurred. It includes income from:

- OST research councils;
- UK based charities;
- UK government bodies, health and hospital authorities;
- UK industry, commerce and public corporations;
- EU sources
- other overseas sources;
- other sources.

#### Other operating income

This category contains all income in respect of services rendered to outside bodies, including the supply of goods and consultancies.

It includes income from other services rendered:

- course validation fees;
- teaching companies;
- UK government bodies, health and hospital authorities;
- UK industry, commerce and public corporations;
- EU sources;
- other overseas sources;
- other sources;

and other general operating income:

- residences and catering operations;
- grants from local authorities;
- income from health and hospital authorities;
- released from deferred capital grants;
- income from intellectual property rights;
- other general income.

#### Endowment income and interest receivable

**Specific endowments** includes the appropriate amount of the income from the investment of specific endowments necessary to match the expenditure incurred on the purpose for which the specific endowment was provided.

**General endowments** includes the full amount of the income from the investment of general endowments (including the income earned from the capital of the endowment whether arising from the interest or dividends on investments, bank interest or rents from real property).

**Interest receivable** includes interest receivable on, and the net surplus or deficit from the realisation or revaluation of, short term investments, the surplus or deficit on the realisation of investments held as long-term funds and all other interest received or receivable.

## 2 CATEGORIES OF EXPENDITURE

### Staff costs

**Academic staff** includes costs in respect of academic staff, defined as staff whose primary function is teaching and/or research, paid from within the budgets of academic departments and allocated to the appropriate cost centre.

**Other staff** includes costs in respect of all other staff paid from within the budgets of academic departments and allocated to the appropriate cost centre.

### Other costs

**Depreciation** includes depreciation costs on equipment capitalised according to where the assets being depreciated are located.

**Other operating expenses** includes costs in respect of payments to non-contracted staff or individuals, all other non-staff costs, equipment which has not been depreciated, expenditure on maintenance contracts and telephone costs (calls, rental and non-capitalised equipment) if not charged to departments.

**Interest payable** includes costs in respect of interest payable on premises, residences and catering operations and other expenditure.

## 3 EXPENDITURE ACTIVITIES

### Academic departments

This section contains all expenditure directly incurred by or on behalf of academic departments which is not reimbursable by Research Councils or other bodies in respect of work carried out on their behalf.

### Academic services

This section includes expenditure incurred on centralised academic services such as the library, Learning Resource Centres, Central Computers, etc. There are three academic services cost centres to which this expenditure can be attributed. They are:

- Central libraries and information services ;
- Central computer and computer networks;
- Other academic services.

### Administration and central services

This section includes expenditure incurred on central administration, general educational expenditure and staff and student facilities and amenities. It includes expenditure on:

- Central administration and services;
- General education;

- Staff and student facilities.

### **Premises**

This section includes all expenditure incurred on the maintenance of premises and on roads and ground (except residences and catering).

### **Residences and catering operations**

This section includes expenditure incurred in providing the residence, catering and any conference operations, including the cost of maintenance of residential and catering premises, salaries and any other identifiable costs relating to these operations.

### **Research grants and contracts**

This section includes the total of the direct costs attributed to research grants and contracts as detailed for research grants and contracts income.

## **4 FINANCE RATIOS**

### **HEFCW grant as a percentage of annual income**

Numerator: HESA Finance Record Table 1, Head 1.1.

Grants from HEFCs are taken as Funding Council grants for HE provision, which includes recurrent grants for research, other recurrent grants, grants for special initiatives, capital grants for buildings and capital grants for equipment.

Denominator: HESA Finance Record Table 1, Head 1.6.  
Total income.

### **Surplus/(deficit) as a percentage of annual income**

Numerator: HESA Finance Record Table 1, Head 9.  
Surplus/(deficit) after depreciation of assets at valuation and tax.

Denominator: HESA finance record Table 1, Head 1.6.  
Total income.

### **Historic cost surplus/(deficit) as a percentage of annual income**

Numerator: HESA Finance Record, Table 1, Head 13.  
Historical cost surplus/deficit after tax.

Denominator: HESA Finance Record, Table 1, Head 1.6.  
Total income.

### **General reserves as a percentage of annual income**

Numerator: HESA Finance Record, Table 2, Head 13(iii).  
Reserves: income and expenditure account

Denominator: HESA Finance Record, Table 1, Head 1.6.  
Total income.

### **Ratio of current assets to current liabilities**

Numerator: HESA Finance Record, Table 2, Head 3.

Total current assets, including; stocks and stores in hand, debtors, investments and cash at bank and in hand.

Denominator: HESA Finance Record, Table 2, Head 4.

Current liabilities are taken as creditors: amounts falling due within one year.

### **Debtors days**

Numerator: HESA Finance Record, Table 2, Head 3(ii) x 365.

Current assets: debtors.

Denominator: HESA Finance Record, Table 1, Head 1.6.

Total income.

### **Creditors days**

Numerator: HESA Finance Record, Table 2, Head 4 x 365.

Creditors: amounts falling due within one year.

Denominator: HESA Finance Record, Table 1, Head 2.5.

Total expenditure.

### **Premises expenditure as a percentage of total expenditure**

Numerator: HESA Finance Record, Table 6, Head 4, Column 5.

Premises other operating expenses.

Denominator: HESA Finance Record, Table 6, Head 8, Column 7.

Total expenditure.

### **% ratio of long term liabilities to total general funds**

Numerator: HESA Finance Record, Table 2, Head 7.

Long-term liabilities are taken as creditors: amounts falling due after more than one year.

Denominator: HESA Finance Record, Table 2, Head 13(iii).

Total general funds are taken as reserves: income and expenditure account.

### **Annual operating surplus/(deficit)**

HESA Finance Record, Table 1, Head 9.

Surplus/deficit after depreciation of assets at valuation and tax.

### **Historic cost surplus/(deficit)**

HESA Finance Record, Table 1, Head 13.

Historical cost surplus/(deficit) after tax.

### **General reserves**

HESA Finance Record, Table 2, Head 13(iii).

Reserves: Income and expenditure account.

**Increase/decrease in cash**

HESA Finance Record, Table 3, Head 9.

Increase / (decrease) in cash in the period

Further information on the HESA definitions can be obtained from HESA documentation on the World Wide Web at <http://www.hesa.ac.uk/> or by telephoning HESA: 01242 255577.

## RELATIONSHIP BETWEEN *FURTHER AND HIGHER EDUCATION STATISTICS IN WALES AND OTHER PUBLISHED DATA*

There are a number of differences between the ways in which data were collected and the results presented in this volume and elsewhere. This appendix sets out the main differences that should be borne in mind if comparisons are made with other published data.

### Further Education Students

Because of the different ways of collecting the Further Education Funding Council for Wales (FEFCW) Individualised Student Record (ISR) and the Welsh Office (WO) Further Education Student Record (FESR), it has not been possible to present tables on further education students on exactly the same basis as previously. In particular, the FESR related to a census date (1 November) and thus provided a snapshot of the institutions on that date; the ISR records information throughout the year. From 1998/99 all FEFCW data is published on a standard student population basis. This population excludes those students who withdrew before 1 November (or have no taught hours) unless they have completed their programme of study. **The main tables in this volume include full-year data (standard student population).**

The structure of the ISR is also different from that of the FESR. The ISR has a single record for each student who may have one or more qualification aim records. Each qualification aim has a separate record; for example, a student taking three A levels would have one student and three qualification aim records. In the FESR, these would have been classified as a single enrolment. However, in some cases, a student could give rise to more than one enrolment in the FESR; for example, a student taking one (or more) GCSEs and a City and Guilds qualification would be counted as two enrolments. The WO volume presented tables both on the basis of enrolments and of students but the main breakdowns related to enrolments. The latter tables cannot be replicated from the ISR. **This volume includes one set of tables reporting further education student numbers and another reporting their qualification aims.**

The WO tables tended to cover all further education in Wales as the FESR was completed by higher education institutions (except the University of Wales) as well as further education institutions. The ISR is completed only by further education institutions though similar information on further education students in higher education institutions is available from the Higher Education Statistics Agency (HESA). Although, the first two sections have a wider coverage to allow a fuller picture to be presented and to provide 1998/99 figures on a comparable basis to those presented for years prior to 1995/96, **the coverage of the main tables in Part A of the present volume is limited to further education at further education institutions.**

The pass rates have a different coverage from that used by the Welsh office in its *College Performance Information Booklet*. Whereas the Welsh office publication limits the students included to those aged 16, 17, 18 and those students who are entered for the examination, the Welsh Funding Council table includes all students regardless of age who completed the programme of study.

### Higher Education Students

There are fewer differences between the higher education student tables and those published elsewhere because the data for students at higher education institutions tend to relate to students each following a single course. Tables are included to continue the series of higher education statistics published by the Welsh Office. Although the data in the tables in Section 9 relate to students enrolled on a census date in the autumn term, **the main tables relate to the full academic year.** All the data relating to higher education institutions (from 1994/95 onwards) in the tables in Part B of the volume were collected by the Higher Education Statistics Agency (HESA).

It should be noted that the HESA record is collected in terms of student enrolments. **The main student tables in Part B of this volume therefore relate to student enrolments not individual students.** However, in order to provide information on the numbers of individual students, the tables in Section 8 are given in terms of students. The differences between the student enrolments on 1 December 1998 published by HESA and the individual students shown in Section 8 are

very small. The larger differences shown in the other tables and those published by HESA reflect the full-year count of student enrolments used by the Welsh Funding Councils for both further and higher education.

## **Staff and Finance**

The FEFCW and HESA have collected detailed records on staff and finance since 1994/95; much of this information was not previously collected by the Welsh Office though the Universities Statistical Record (USR) collected similar information. Detailed tables on the staff of institutions are provided in the WFCs' volume. Student staff ratios are presented for further education institutions but the basis is different from that used by the Welsh Office; comparisons of the new ratios with those previously published would not allow valid conclusions to be drawn. Tables showing the income and expenditure of all institutions and a range of financial ratios are also provided.

## **DIFFERENCES BETWEEN FEFCW EARLY STATISTICS BULLETIN AND THE ANNUAL VOLUME**

The statistics presented in the WFCs' volume for 1998/99 have been collected and compiled on a different basis from those shown in *Further Education Early Student Enrolments 1998/99* (FEFCW Bulletin B99/08). The statistics in the Bulletin are comparable with those published by the Welsh Office using FESR data; ie, they count enrolments based on the FESR definitions described above and relate to a census date of 1 November 1998. The statistics have been based on the Further Education Early Student Statistics (FEES) Form A data return submitted by institutions. There are some differences in the allocations of students to modes of attendance. In particular, students taking more than one part-time programme are counted separately in FEES but the programmes are combined to give a single mode of attendance of the student in the ISR. Taking all of a student's part-time programmes together can lead to the student being classified as full-time in the ISR but included as several part-time enrolments in FEES. Other differences may have arisen due to the exclusion of some non-fundable students from FEES Form A.

Part B of the Further Education Early Student Statistics 1999/2000 (FEFCW Bulletin B00/17) introduces the use of student counts (and FTE estimates) taken from the partial year (December) ISR which will replace FEES Form A for within year estimates.

## **DIFFERENCES BETWEEN 1997/98 ANNUAL VOLUME AND 1998/99 ANNUAL VOLUME – FE STATISTICS**

As noted above the main tables of this volume are based on a standard student population which excludes those students who withdrew before 1 November (or have no taught hours) unless they have completed their programme of study. This is the same population as used in Bulletin B00/14 *'Performance Indicators 1998/99'*. Previous Annual Volumes have used a full academic year population which did not exclude students leaving very early or those with no learning activity during the year. They are therefore not fully comparable. In order to facilitate comparisons, 1997/98 student numbers have been re-calculated using a standard student population in Table 1.5 which shows the year on year growth on a comparable basis.

Where student numbers are given on a census date (Tables 2.1 to 2.4 and specific columns of Tables 1.1 and 1.2) students enrolled during the week of 1 December are included for 1998/99 whereas previously the census date was the day of 1 December. However, as students with no taught hours (over the whole year) are now excluded whereas they were previously included, the net effect of the change in methodology is very small (0.2% increase) compared to the year on year variations. The slight change in methodology will in future years aid comparisons with the Early Student Statistics (see B00/17 above).



As noted in Appendix A, the use of student loads replaces the FEES Form A methodology for the calculation of FTEs in the context of student staff ratios and several financial indicators. Tables 6.7, 6.8, 7.3 and 7.4 having been produced using the old methodology in the 1997/98 Annual Volume were republished on a student load basis as Annex B of Bulletin B00/09 '*Management Statistics for FE Institutions*'.

## **DIFFERENCES BETWEEN HEFCW FUNDING STATISTICS CIRCULARS AND THE ANNUAL VOLUME**

The information published in *Funding 1998/99 Allocations and Enrolments Volume 2: Enrolments* is based on funding data collected at the end of the 1998/99 academic year. Only fundable students who completed the year, or a course during the year, are included in the main tables. Enrolments on credit bearing continuing education (CE) courses are not included because the funding data were collected in terms of credit values rather than student enrolments; but the CE students in 1995/96, 1996/97, 1997/98 and 1998/99 are included in the data collected by HESA used for Part B of this volume. Sandwich students are also treated differently: for funding purposes they are counted at 0.5 during their year out whereas in this volume they are counted as a full student.

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