

Ratio of higher education student FTEs (at Welsh HEIs and directly funded FECs) to 1,000 head of population by principal JACS code and region, 2008/09

JACS Subject area code	JACS subject area	Student FTEs				Ratio (Student FTEs per 1000 head of population)			
		North and Mid Wales	South East Wales	South West Wales	Total	North and Mid Wales	South East Wales	South West Wales	Total
1	Medicine & dentistry	10	3,004	258	3,272	0.0	2.1	0.4	1.1
2	Subjects allied to medicine	1,154	5,646	1,769	8,569	1.3	3.9	2.7	2.9
3	Biological sciences	3,069	4,874	1,386	9,329	3.4	3.4	2.1	3.1
5	Agriculture & related subjects	637	242	108	987	0.7	0.2	0.2	0.3
6	Physical sciences	1,324	2,297	622	4,243	1.5	1.6	0.9	1.4
7	Mathematical sciences	219	587	308	1,114	0.2	0.4	0.5	0.4
8	Computer science	970	2,017	933	3,920	1.1	1.4	1.4	1.3
9	Engineering & technology	946	3,603	1,829	6,378	1.1	2.5	2.7	2.1
A	Architecture, building & planning	219	1,702	184	2,105	0.2	1.2	0.3	0.7
B	Social studies	1,935	3,330	2,007	7,271	2.2	2.3	3.0	2.4
C	Law	1,039	1,992	991	4,022	1.2	1.4	1.5	1.3
D	Business & administrative studies	2,042	8,460	2,874	13,376	2.3	5.9	4.3	4.5
E	Mass communications & documentation	506	1,513	471	2,490	0.6	1.1	0.7	0.8
F	Languages	1,822	2,405	1,814	6,041	2.0	1.7	2.7	2.0
G	Historical & philosophical studies	1,187	1,432	2,150	4,770	1.3	1.0	3.2	1.6
H	Creative arts & design	1,833	4,524	1,670	8,027	2.1	3.2	2.5	2.7
I	Education	1,265	1,910	1,157	4,332	1.4	1.3	1.7	1.4
J	Combined	256	2,318	532	3,106	0.3	1.6	0.8	1.0
K	Initial Teacher Training	864	1,107	1,052	3,023	1.0	0.8	1.6	1.0
T	Total	21,296	52,965	22,115	96,376	23.9	36.9	33.2	32.2

	North and Mid Wales	South East Wales	South West Wales	Total
Population	891,287	1,436,067	666,072	2,993,426

Assumptions

Directly funded HE provision at FECs is provided by ASC and not principal JACS groupings:

Activity in ASC 3 - Sciences has been assumed to be in principal JACS group 3 - Biological Sciences (21 FTEs in North and Mid Wales)

Activity in ASC 9 - Humanities has been assumed to be in principal JACS group F - Languages (18 FTEs in North and Mid Wales and 12 in South West Wales)

Notes

Total FTEs is greater than sum of the regions as OU students with unmappable postcodes are included in total, but not shown separately

Population figures taken from 2008 mid-year estimate of population

Student FTE data

For HEIs and franchised out organisations:

2008/09 HESA student record

For directly funded FECs:

Estimated using information from End of Year Monitoring (EYM) 2007/08 Survey and LLWR 2008/09

Method

Ratio = student FTEs / Population x 1000

Student FTEs allocated to region by region of providing institution except:

Welsh domiciled distance learning provision allocated to region of domicile of student (includes Open University in Wales provision)

Franchised out provision allocated to region of franchised institution when in Wales, else to region of originating institution

Reliable information on student FTE for all HE provision at FECs is not available. Information on directly funded fundable student FTEs has been estimated as follows

Fundable credits and registrations from EYM 2008/09 used to estimate total student FTE at each directly funded FEC.

Assumes 120 credits = 1 FTE

Student FTEs at each directly funded FEC then allocated to domicile based on proportion of student headcount at each FEC taken from LLWR 2008/09

Enrolments on foundation degrees 2008/09 by region

JACS subject area code	JACS subject area	Full-time enrolments				Part-time enrolments				Total enrolments			
		North and Mid Wales	South East Wales	South West Wales	Total	North and Mid Wales	South East Wales	South West Wales	Total	North and Mid Wales	South East Wales	South West Wales	Total
T	Total	419	793	178	1390	501	454	321	1276	920	1247	499	2666

Percentages by subject

JACS subject area code	JACS subject area	Full-time enrolments				Part-time enrolments				Total enrolments			
		North and Mid Wales	South East Wales	South West Wales	Total	North and Mid Wales	South East Wales	South West Wales	Total	North and Mid Wales	South East Wales	South West Wales	Total
2	Subjects allied to medicine	0%	12%	48%	13%	0%	16%	28%	13%	0%	13%	35%	13%
3	Biological sciences	3%	12%	40%	13%	1%	7%	1%	3%	2%	11%	15%	8%
5	Agriculture & related subjects	16%	0%	0%	5%	1%	0%	0%	0%	8%	0%	0%	3%
6	Physical sciences	3%	15%	0%	9%	0%	0%	0%	0%	1%	9%	0%	5%
8	Computer science	7%	5%	1%	5%	0%	3%	0%	1%	3%	4%	0%	3%
9	Engineering & technology	8%	9%	2%	8%	19%	1%	0%	8%	14%	6%	1%	8%
A	Architecture, building & planning	0%	7%	0%	4%	3%	5%	4%	4%	2%	6%	2%	4%
B	Social studies	0%	22%	0%	13%	35%	11%	7%	19%	19%	18%	4%	16%
D	Business & administrative studies	12%	7%	0%	8%	6%	29%	13%	16%	9%	15%	9%	12%
E	Mass communications & documentation	0%	3%	9%	3%	0%	0%	0%	0%	0%	2%	3%	2%
F	Languages	0%	0%	0%	0%	1%	0%	0%	0%	1%	0%	0%	0%
H	Creative arts & design	16%	8%	0%	9%	2%	1%	0%	1%	8%	5%	0%	5%
I	Education	35%	0%	0%	11%	32%	28%	46%	34%	33%	10%	30%	22%
T	Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Percentages by region

JACS subject area code	JACS subject area	Full-time enrolments				Part-time enrolments				Total enrolments			
		North and Mid Wales	South East Wales	South West Wales	Total	North and Mid Wales	South East Wales	South West Wales	Total	North and Mid Wales	South East Wales	South West Wales	Total
2	Subjects allied to medicine	0%	52%	48%	100%	2%	44%	54%	100%	1%	48%	51%	100%
3	Biological sciences	6%	55%	39%	100%	13%	78%	9%	100%	7%	59%	33%	100%
5	Agriculture & related subjects	100%	0%	0%	100%	100%	0%	0%	100%	100%	0%	0%	100%
6	Physical sciences	9%	91%	0%	100%	0%	0%	0%	0%	9%	91%	0%	100%
8	Computer science	43%	56%	1%	100%	12%	82%	6%	100%	37%	61%	2%	100%
9	Engineering & technology	32%	64%	4%	100%	93%	6%	1%	100%	61%	36%	2%	100%
A	Architecture, building & planning	0%	100%	0%	100%	30%	44%	26%	100%	14%	75%	12%	100%
B	Social studies	1%	99%	0%	100%	71%	20%	9%	100%	42%	53%	5%	100%
D	Business & administrative studies	46%	54%	0%	100%	15%	64%	21%	100%	26%	60%	14%	100%
E	Mass communications & documentation	0%	61%	39%	100%	0%	0%	0%	0%	0%	61%	39%	100%
F	Languages	0%	0%	0%	0%	100%	0%	0%	100%	100%	0%	0%	100%
H	Creative arts & design	52%	48%	0%	100%	73%	27%	0%	100%	54%	46%	0%	100%
I	Education	100%	0%	0%	100%	37%	29%	34%	100%	53%	22%	26%	100%
T	Total	30%	57%	13%	100%	39%	36%	25%	100%	35%	47%	19%	100%

Notes

Student enrolment data

For HEIs and franchised out organisations: taken from HESA student record 2008/09

For directly funded FECS: taken from LLWR 2008/09

Method

Enrolments at further education colleges where learning hours are 450 or more are considered to be full-time and those with less than 450 learning hours are considered part-time

Student enrolments allocated to region by region of providing institution except:

Welsh domiciled distance learning provision allocated to region of domicile of student (includes Open University in Wales provision)

Franchised out provision allocated to region of franchised institution when in Wales, else to region of originating institution

FE Institution Leaver destinations: Number of distinct learners leaving (only most recent learning programme left) in academic year 2008/09 by destination, STEM (Science, Technology, Engineering and Mathematics) and Non-STEM subjects and region

Numbers

	STEM subjects			
	North and Mid Wales	South East Wales	South West	Total
Higher education	115	70	185	370
Not known	580	720	350	1,650
Other	630	1,100	640	2,370
Total	1,325	1,890	1,175	4,390

	Non-STEM subjects			
	North and Mid Wales	South East Wales	South West	Total
Higher education	595	1,295	1,110	3,000
Not known	3,435	2,970	2,515	8,920
Other	3,110	6,940	4,230	14,295
Total	7,140	11,205	7,855	26,215

	Total			
	North and Mid Wales	South East Wales	South West	Total
Higher education	710	1,370	1,295	3,370
Not known	4,015	3,690	2,865	10,570
Other	3,745	8,040	4,885	16,670
Total	8,470	13,100	9,045	30,610

Percentages by region

	STEM subjects			
	North and Mid Wales	South East Wales	South West	Total
Higher education	31%	19%	50%	100%
Not known	35%	44%	21%	100%
Other	27%	46%	27%	100%
Total	30%	43%	27%	100%

	Non-STEM subjects			
	North and Mid Wales	South East Wales	South West	Total
Higher education	20%	43%	37%	100%
Not known	39%	33%	28%	100%
Other	22%	49%	30%	100%
Total	27%	43%	30%	100%

	Total			
	North and Mid Wales	South East Wales	South West	Total
Higher education	21%	41%	38%	100%
Not known	38%	35%	27%	100%
Other	22%	48%	29%	100%
Total	28%	43%	30%	100%

Percentages by leaving destination

	STEM subjects			
	North and Mid Wales	South East Wales	South West	Total
Higher education	9%	4%	16%	8%
Not known	44%	38%	30%	38%
Other	48%	58%	54%	54%
Total	100%	100%	100%	100%

	Non-STEM subjects			
	North and Mid Wales	South East Wales	South West	Total
Higher education	8%	12%	14%	11%
Not known	48%	27%	32%	34%
Other	44%	62%	54%	55%
Total	100%	100%	100%	100%

	Total			
	North and Mid Wales	South East Wales	South West	Total
Higher education	8%	10%	14%	11%
Not known	47%	28%	32%	35%
Other	44%	61%	54%	54%
Total	100%	100%	100%	100%

Source: WAG (LLWR 2008/09)

- (a) Counts are on a unique learner identifier (ULI) basis to eliminate multiple-counting between providers.
 (b) Includes work-based learning (WBL) provision at FE institutions.
 (c) LEA community learning has been included where there is a formal enrolment with an FE institution.
 (d) Figures comprise the number of distinct learners who have left their most recent learning programme of academic year
 (e) Excludes learners whose latest learning programme is on-going
 (f) Destination is recorded immediately after the end of the learning programme.
 (g) STEM subject defined using Estyn sector/subject areas (Science and Mathematics, Engineering and Manufacturing Technologies, Information and Communication Technology)
 (h) Subject based on latest activity completed by learner
 (i) Figures are rounded to the nearest 5.
 (j) Percentages have been calculated on rounded numbers