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Cylchlythyr

Circular

## 2008 Research Assessment Exercise: Outcomes for the Welsh Higher Education Sector

**Date:** 26 March 2009  
**Reference:** W09/07HE  
**To:** Heads of higher education institutions in Wales  
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This Circular provides a record of the outcomes of the 2008 Research Assessment Exercise (RAE) in Wales.

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## Introduction

- 1 This Circular provides a record of the outcomes of the 2008 Research Assessment Exercise (RAE) in Wales.

## Background

- 2 The RAE is a UK-wide exercise conducted jointly by the four UK higher education funding bodies. Its main purpose is to produce quality indicators for use in determining the allocation of grant for research (QR).
- 3 The 2008 RAE was the sixth in a series of such exercises; the previous RAE took place in 2001. The 2008 RAE was the last exercise in the current form, and the funding bodies are currently developing new arrangements for research assessment which will make greater use of metric indicators.
- 4 Further information about the 2008 RAE is available on the RAE website at [www.rae.ac.uk](http://www.rae.ac.uk).

## The 2008 RAE Process

- 5 The 2008 RAE was conducted on broadly similar lines to previous exercises. The quality assessments were undertaken by subject-based panels of experts on the basis of written submissions from institutions. In 2008, there were 67 such panels, each responsible for a separate Unit of Assessment (UoA). There were additionally 15 overarching Main Panels whose role was to promote consistency across the exercise.
- 6 The principal difference between the 2008 RAE and the previous exercise was that in 2001 the outcome for each submission was expressed as a single rating on a seven point scale (1 to 5\*) but, in 2008, outcomes were expressed in the form of a quality profile. The new approach enabled panels to exercise a finer degree of judgement at the top end, and also provides a more detailed picture of the full range of quality within submissions.
- 7 The profiles were built up from assessment of the quality of research outputs (the main component), the research environment and evidence of peer esteem. The profiles show, for each submission, the proportion of work (in 5% steps) judged to reach each of four quality levels ranging from 4\* (world leading) down to 1\* (nationally recognised) and unclassified. The full definitions of the quality levels are shown at **Annex A**.

## Number and Size of Submissions

- 8 The number of submissions from Welsh HEIs to the 2008 RAE are shown in the following table, together with comparative UK-wide figures. There was one joint submission from Wales (from UWIC and UW Newport to Art and Design).

	Wales	UK	Wales as % of UK
<b>Number of institutions submitting to 2008 RAE</b>	10 plus CAWCS <sup>1</sup>	159	6.9%
<b>Number of submissions to 2008 RAE</b>	144	2,344	6.1%
<b>Number of Category A staff (FTE) to 2008 RAE</b>	2,578	52,409	4.9%

- 9 The number of staff submitted by Welsh HEIs to the 2008 RAE was 15% higher than in 2001<sup>2</sup>. The increase for the UK as a whole between the two exercises was 12%.
- 10 The number of submissions and volume of Category A staff is shown by institution at **Annex B**. A breakdown of Category A staff by broad subject group in the 2001 and 2008 RAEs is shown at **Annex C**.

## Quality Outcomes

- 11 The following material is attached:
- 2008 RAE outcomes for the Welsh HE sector by UoA - **Annex D**
  - 2008 RAE outcomes for the Welsh HE sector by institution – **Annex E**
  - Overall quality profiles by institution – **Annex F**
  - Volume of Category A staff (FTE) by institution and quality level – **Annex G**
  - Graphical representations of volume of Category A staff (FTE) by institution and quality level – **Annexes H and I**.

<sup>1</sup> CAWCS is the University of Wales Centre for Advanced Welsh and Celtic Studies.

<sup>2</sup> In 2001, staff returns consisted of both Category A staff and Category A\* staff (staff who transferred between institutions in the year before the census date). The 2001 figures in this Circular include Category A\* staff who were present at the submitting institution on the census date.

12 The overall quality profile for the Welsh HE sector as a whole was as follows:

Quality Level	% of Research Activity
4*	14%
3*	35%
2*	36%
1*	14%
Unclassified	1%

### UK Comparisons

13 The overall quality profiles for the UK as a whole, and for the other constituent countries, are shown below:

Quality Level	% of Research Activity				
	Wales	England	Scotland	N Ireland	UK
4*	14%	18%	15%	14%	17%
3*	35%	37%	37%	36%	37%
2*	36%	32%	34%	37%	33%
1*	14%	11%	13%	12%	11%
u/c	1%	1%	2%	1%	1%

14 Equivalent figures for the 2001 RAE, when comparisons between countries were made on the basis of overall weighted average scores, are shown below. These tables indicate that Wales was slightly behind the UK as a whole in both exercises, but that the sector broadly maintained its relative position in 2008.

	2001 RAE – overall weighted average scores (calculated on a 7-point scale)
Wales	5.16
England	5.45
Scotland	5.37
Northern Ireland	5.09
UK	5.42

### Performance at Subject Level

15 There were strong performances by the Welsh sector in the following UoAs where, in each case, more than one institution attained proportions

of 3\* and 4\* quality which significantly exceeded the UK average for the UoA:

- Allied Health Professions
- Computer Science and Informatics
- Civil Engineering
- Psychology
- Celtic Studies

16 There were also a number of UoAs in which **individual** institutions performed strongly, attaining proportions of 3\* and 4\* quality which significantly exceeded the UK average for the UoA. These UoAs included:

- Accounting and Finance
- Business and Management
- Communications, Cultural and Media Studies
- Psychiatry and Neuroscience
- Sociology
- Politics and International Studies
- Town and Country Planning

#### **Further information**

17 For further information, contact Linda Tiller (tel 029 2068 2228; email [linda.tiller@hefcw.ac.uk](mailto:linda.tiller@hefcw.ac.uk)).

**2008 RAE – Definitions of Quality Levels**

The definitions of the quality levels are:

- Four star (4\*) – Quality that is world-leading in terms of originality, significance and rigour.
- Three star (3\*) – Quality that is internationally excellent in terms of originality, significance and rigour, but which nevertheless falls short of the highest standards of excellence.
- Two star (2\*) – Quality that is recognised internationally in terms of originality, significance and rigour.
- One star (1\*) - Quality that is recognised nationally in terms of originality, significance and rigour.
- Unclassified – Quality that falls below the standard of nationally recognised work. Or work which does not meet the published definition of research for the assessment.

**Volume of Staff and Numbers of Submissions  
in 2008 and 2001 RAEs**

Institution	Volume of Staff Submitted			Number of Submissions		
	FTE Category A staff in RAE 2008	FTE Category A/A* staff in RAE 2001	Difference between 2001 and 2008	Number of submissions in 2008	Number of submissions in 2001	Difference between 2001 and 2008
University of Glamorgan	198.5	154.0	44.5	17	9	8
Aberystwyth University	300.8	295.6	5.2	16	21	-5
Bangor University	283.8	265.1	18.7	19	19	0
Cardiff University	1,030.2	932.9	97.3	34	33	1
UW Lampeter	59.6	58.0	1.6	5	10	-5
Swansea University	511.8	402.4	109.4	31	28	3
UWIC	101.6	55.5	46.1	6	4	2
UW Newport	27.5	16.0	11.5	5	3	2
Glyndŵr University	26.8	25.9	0.9	6	4	2
Swansea Metropolitan University	25.1	16.8	8.3	4	5	-1
Trinity University College	n/a	7.3	7.3	0	2	-2
CAWCS	12.5	12.2	0.3	1	1	0
<b>Wales</b>	<b>2,578.2</b>	<b>2,241.7</b>	<b>336.5</b>	<b>144</b>	<b>139</b>	<b>5</b>

2001 data for Cardiff University include staff and submissions from the former UW College of Medicine.

### Distribution of Category A Staff by Broad Subject Group

	Category A Staff Submitted - Wales		
	2008 RAE	2001 RAE	Difference
Clinical Subjects	184	187	-2%
Subjects Allied to Health	218	150	45%
Science and Mathematics	672	582	15%
Engineering	150	139	8%
<b>STEM Total</b>	<b>1,223</b>	<b>1,059</b>	<b>16%</b>
Social Sciences	682	549	24%
Arts and Humanities	636	559	14%
Education	37	75	-51%
<b>All Subjects</b>	<b>2,578</b>	<b>2,242</b>	<b>15%</b>

*Note:*

*Education researchers from Cardiff University were returned to a Social Sciences UoA in 2008, which explains at least part of the apparent sharp decrease in Education.*

## 2008 Research Assessment Exercise Results : Wales

Note: In this table, joint submissions are shown split by their constituent institutions.

Institution code	Institution name	Unit of assessment number	Unit of assessment name	Multiple submission letter	Multiple submission name	FTE Category A staff submitted	Overall quality profile (percentage of research activity at each quality level)				
							4*	3*	2*	1*	unclassified
H-0179	Cardiff University	1	Cardiovascular Medicine			19.40	5	35	40	20	0
H-0179	Cardiff University	2	Cancer Studies			26.60	10	55	30	5	0
H-0179	Cardiff University	3	Infection and Immunology			42.60	10	40	45	5	0
H-0179	Cardiff University	4	Other Hospital Based Clinical Subjects			31.42	0	25	60	15	0
H-0178	Bangor University	7	Health Services Research			16.10	5	20	35	40	0
H-0180	Swansea University	7	Health Services Research			14.65	0	35	45	20	0
H-0179	Cardiff University	8	Primary Care and Other Community Based Clinic			11.90	5	60	30	5	0
H-0179	Cardiff University	9	Psychiatry, Neuroscience and Clinical Psycholog			21.30	20	60	15	5	0
H-0179	Cardiff University	10	Dentistry			27.60	15	50	30	5	0
H-0179	Cardiff University	11	Nursing and Midwifery			11.50	15	30	35	15	5
H-0090	University of Glamorgan	11	Nursing and Midwifery			22.60	10	25	40	20	5
H-0087	Glyndŵr University	11	Nursing and Midwifery			5.80	0	25	30	30	15
H-0180	Swansea University	11	Nursing and Midwifery			33.65	10	25	35	25	5
H-0179	Cardiff University	12	Allied Health Professions and Studies			21.70	20	35	35	10	0
H-0089	University of Wales Institute, Cardiff	12	Allied Health Professions and Studies			28.70	5	10	35	35	15
H-0090	University of Glamorgan	12	Allied Health Professions and Studies			4.00	0	0	5	55	40
H-0180	Swansea University	12	Allied Health Professions and Studies			35.50	20	35	35	10	0
H-0179	Cardiff University	13	Pharmacy			26.87	15	40	30	10	5
H-0178	Bangor University	14	Biological Sciences			16.56	5	20	55	20	0
H-0179	Cardiff University	14	Biological Sciences			53.90	15	40	35	10	0
H-0090	University of Glamorgan	14	Biological Sciences			4.00	0	10	30	55	5
H-0180	Swansea University	14	Biological Sciences			16.00	0	20	55	20	5
H-0177	Aberystwyth University	16	Agriculture, Veterinary and Food Science			46.50	10	35	50	5	0
H-0178	Bangor University	16	Agriculture, Veterinary and Food Science			35.00	5	40	45	10	0
H-0178	Bangor University	17	Earth Systems and Environmental Sciences			28.40	10	50	30	10	0
H-0179	Cardiff University	17	Earth Systems and Environmental Sciences			37.00	15	55	25	5	0
H-0178	Bangor University	18	Chemistry			12.00	10	35	45	10	0
H-0179	Cardiff University	18	Chemistry			36.57	10	50	40	0	0
H-0177	Aberystwyth University	19	Physics			18.33	5	15	50	30	0
H-0179	Cardiff University	19	Physics			32.30	5	45	30	20	0
H-0180	Swansea University	19	Physics			20.75	10	40	45	5	0
H-0177	Aberystwyth University	20	Pure Mathematics			8.30	5	35	45	15	0
H-0179	Cardiff University	20	Pure Mathematics			30.45	5	35	45	15	0
H-0180	Swansea University	20	Pure Mathematics			20.50	5	35	50	10	0
H-0090	University of Glamorgan	21	Applied Mathematics			4.00	0	20	45	30	5
H-0177	Aberystwyth University	23	Computer Science and Informatics			15.53	25	45	30	0	0
H-0178	Bangor University	23	Computer Science and Informatics			6.95	15	35	40	5	5
H-0179	Cardiff University	23	Computer Science and Informatics			22.15	20	50	25	5	0
H-0090	University of Glamorgan	23	Computer Science and Informatics			22.45	5	35	40	20	0
H-0087	Glyndŵr University	23	Computer Science and Informatics			3.20	5	35	50	10	0
H-0180	Swansea University	23	Computer Science and Informatics			22.00	25	45	25	5	0
H-0178	Bangor University	24	Electrical and Electronic Engineering			8.00	30	40	25	5	0

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							4*	3*	2*	1*	unclassified
H-0179	Cardiff University	24	Electrical and Electronic Engineering			18.26	10	40	45	5	0
H-0180	Swansea University	24	Electrical and Electronic Engineering			15.00	10	20	35	30	5
H-0090	University of Glamorgan	25	General Engineering and Mineral & Mining Engir			9.85	5	55	35	5	0
H-0180	Swansea University	25	General Engineering and Mineral & Mining Engir			18.00	15	65	20	0	0
H-0091	Swansea Metropolitan University	25	General Engineering and Mineral & Mining Engir			2.20	10	20	45	25	0
H-0179	Cardiff University	27	Civil Engineering			21.30	25	65	10	0	0
H-0180	Swansea University	27	Civil Engineering			18.00	35	60	5	0	0
H-0179	Cardiff University	28	Mechanical, Aeronautical and Manufacturing Eng			25.60	20	45	30	5	0
H-0086	University of Wales, Newport	28	Mechanical, Aeronautical and Manufacturing Eng			1.00	10	15	20	30	25
H-0180	Swansea University	28	Mechanical, Aeronautical and Manufacturing Eng			12.50	10	35	50	5	0
H-0087	Glyndŵr University	29	Metallurgy and Materials			6.80	5	30	35	30	0
H-0180	Swansea University	29	Metallurgy and Materials			15.00	15	45	35	5	0
H-0179	Cardiff University	30	Architecture and the Built Environment			23.30	20	45	25	10	0
H-0090	University of Glamorgan	30	Architecture and the Built Environment			6.20	10	40	35	10	5
H-0179	Cardiff University	31	Town and Country Planning			42.40	30	35	25	10	0
H-0177	Aberystwyth University	32	Geography and Environmental Studies			31.33	20	45	30	5	0
H-0180	Swansea University	32	Geography and Environmental Studies			29.30	15	45	35	5	0
H-0091	Swansea Metropolitan University	32	Geography and Environmental Studies			3.20	0	5	20	60	15
H-0179	Cardiff University	33	Archaeology			21.33	15	40	35	10	0
H-0176	University of Wales, Lampeter	33	Archaeology			15.00	15	35	35	15	0
H-0180	Swansea University	34	Economics and Econometrics			18.20	15	45	40	0	0
H-0178	Bangor University	35	Accounting and Finance			13.75	15	50	30	5	0
H-0177	Aberystwyth University	36	Business and Management Studies			16.00	5	25	35	30	5
H-0179	Cardiff University	36	Business and Management Studies			114.85	35	35	25	5	0
H-0089	University of Wales Institute, Cardiff	36	Business and Management Studies			8.25	0	10	25	55	10
H-0090	University of Glamorgan	36	Business and Management Studies			27.10	5	10	50	35	0
H-0180	Swansea University	36	Business and Management Studies			21.75	10	30	45	15	0
H-0177	Aberystwyth University	37	Library and Information Management			11.20	10	40	35	15	0
H-0177	Aberystwyth University	38	Law			21.00	5	30	30	35	0
H-0179	Cardiff University	38	Law			24.85	25	35	35	5	0
H-0090	University of Glamorgan	38	Law			6.80	0	15	30	55	0
H-0180	Swansea University	38	Law			25.05	5	40	50	5	0
H-0177	Aberystwyth University	39	Politics and International Studies			33.00	40	25	25	10	0
H-0180	Swansea University	39	Politics and International Studies			13.00	5	15	60	20	0
H-0178	Bangor University	40	Social Work and Social Policy & Administration			15.40	5	25	55	15	0
H-0090	University of Glamorgan	40	Social Work and Social Policy & Administration			18.10	5	40	50	5	0
H-0087	Glyndŵr University	40	Social Work and Social Policy & Administration			3.00	0	20	40	35	5
H-0086	University of Wales, Newport	40	Social Work and Social Policy & Administration			4.80	5	40	30	20	5
H-0180	Swansea University	40	Social Work and Social Policy & Administration			17.50	10	50	30	10	0
H-0179	Cardiff University	41	Sociology			61.40	25	30	35	10	0
H-0180	Swansea University	43	Development Studies			4.60	5	10	55	30	0
H-0178	Bangor University	44	Psychology			39.00	20	45	25	10	0
H-0179	Cardiff University	44	Psychology			59.35	25	45	25	5	0
H-0090	University of Glamorgan	44	Psychology			12.70	0	10	25	55	10
H-0180	Swansea University	44	Psychology			26.00	5	30	45	20	0

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						Overall quality profile (percentage of research activity at each quality level)					
Institution code	Institution name	Unit of assessment number	Unit of assessment name	Multiple submission letter	Multiple submission name	FTE					
						Category A staff submitted	4*	3*	2*	1*	unclassified
H-0178	Bangor University	45	Education			4.66	10	20	20	35	15
H-0089	University of Wales Institute, Cardiff	45	Education			10.00	0	0	30	50	20
H-0090	University of Glamorgan	45	Education			6.75	0	20	35	35	10
H-0087	Glyndŵr University	45	Education			5.70	0	5	20	35	40
H-0086	University of Wales, Newport	45	Education			1.00	0	0	25	55	20
H-0091	Swansea Metropolitan University	45	Education			8.89	5	10	30	40	15
H-0177	Aberystwyth University	46	Sports-Related Studies			8.00	0	15	50	35	0
H-0178	Bangor University	46	Sports-Related Studies			16.80	10	25	45	20	0
H-0089	University of Wales Institute, Cardiff	46	Sports-Related Studies	A	Cardiff School of Sport	25.70	5	20	45	30	0
H-0089	University of Wales Institute, Cardiff	46	Sports-Related Studies	B	Cardiff School of Managemer	8.30	5	20	40	35	0
H-0090	University of Glamorgan	46	Sports-Related Studies			9.50	5	15	30	40	10
H-0180	Swansea University	46	Sports-Related Studies			9.28	0	0	35	55	10
H-0180	Swansea University	47	American Studies and Anglophone Area Studies			11.00	10	20	35	25	10
H-0177	Aberystwyth University	50	European Studies			5.00	20	15	45	15	5
H-0178	Bangor University	50	European Studies			9.00	5	20	45	25	5
H-0179	Cardiff University	50	European Studies			33.40	15	30	35	20	0
H-0180	Swansea University	52	French			8.00	5	30	50	15	0
H-0180	Swansea University	53	German, Dutch and Scandinavian Languages			8.00	10	40	40	10	0
H-0180	Swansea University	54	Italian			4.00	0	40	40	15	5
H-0180	Swansea University	55	Iberian and Latin American Languages			6.00	10	35	40	15	0
H-0177	Aberystwyth University	56	Celtic Studies			13.20	25	40	25	10	0
H-0178	Bangor University	56	Celtic Studies			6.75	10	45	35	10	0
H-0179	Cardiff University	56	Celtic Studies			8.00	15	40	30	15	0
H-0176	University of Wales, Lampeter	56	Celtic Studies			2.50	0	5	45	35	15
H-0180	Swansea University	56	Celtic Studies			5.00	20	45	30	5	0
H-0186	University of Wales Centre for Advanced Welsl	56	Celtic Studies			12.50	35	45	15	5	0
H-0177	Aberystwyth University	57	English Language and Literature			22.00	10	30	55	5	0
H-0178	Bangor University	57	English Language and Literature			14.25	15	30	50	5	0
H-0179	Cardiff University	57	English Language and Literature			44.20	35	25	30	10	0
H-0090	University of Glamorgan	57	English Language and Literature			15.00	15	25	50	5	5
H-0176	University of Wales, Lampeter	57	English Language and Literature			12.90	0	15	45	25	15
H-0180	Swansea University	57	English Language and Literature			24.28	10	50	30	10	0
H-0178	Bangor University	58	Linguistics			6.22	5	30	40	20	5
H-0176	University of Wales, Lampeter	59	Classics, Ancient History, Byzantine and Modern			6.20	5	15	40	40	0
H-0180	Swansea University	59	Classics, Ancient History, Byzantine and Modern			13.60	5	20	50	25	0
H-0179	Cardiff University	60	Philosophy			8.00	5	25	60	10	0
H-0178	Bangor University	61	Theology, Divinity and Religious Studies			7.45	5	25	45	20	5
H-0179	Cardiff University	61	Theology, Divinity and Religious Studies			12.00	5	30	55	5	5
H-0176	University of Wales, Lampeter	61	Theology, Divinity and Religious Studies			23.00	5	30	55	10	0
H-0177	Aberystwyth University	62	History			20.80	10	35	35	20	0
H-0178	Bangor University	62	History			17.00	15	35	35	10	5
H-0179	Cardiff University	62	History			29.00	10	35	40	15	0
H-0090	University of Glamorgan	62	History			6.00	10	40	45	5	0
H-0086	University of Wales, Newport	62	History			3.50	0	20	40	35	5
H-0180	Swansea University	62	History			18.00	15	35	40	10	0

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							4*	3*	2*	1*	unclassified
H-0089	University of Wales Institute, Cardiff	63	Art and Design			20.60	10	60	25	5	0
H-0087	Glyndŵr University	63	Art and Design			2.30	0	5	40	55	0
H-0086	University of Wales, Newport	63	Art and Design			17.20	10	60	25	5	0
H-0091	Swansea Metropolitan University	63	Art and Design			10.80	5	25	55	10	5
H-0177	Aberystwyth University	64	History of Art, Architecture and Design			7.75	5	20	40	35	0
H-0177	Aberystwyth University	65	Drama, Dance and Performing Arts			22.90	30	30	20	20	0
H-0090	University of Glamorgan	65	Drama, Dance and Performing Arts			15.40	5	25	45	25	0
H-0179	Cardiff University	66	Communication, Cultural and Media Studies			16.50	45	30	20	5	0
H-0090	University of Glamorgan	66	Communication, Cultural and Media Studies			8.00	10	20	45	25	0
H-0180	Swansea University	66	Communication, Cultural and Media Studies			7.70	10	25	25	40	0
H-0178	Bangor University	67	Music			10.50	25	45	20	10	0
H-0179	Cardiff University	67	Music			13.20	15	55	20	10	0

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Institution code	Institution name	Unit of assessment number	Unit of assessment name	Multiple submission letter	Multiple submission name	FTE					
						Category A staff submitted	4*	3*	2*	1*	unclassified
H-0177	Aberystwyth University	16	Agriculture, Veterinary and Food Science			46.50	10	35	50	5	0
H-0177	Aberystwyth University	19	Physics			18.33	5	15	50	30	0
H-0177	Aberystwyth University	20	Pure Mathematics			8.30	5	35	45	15	0
H-0177	Aberystwyth University	23	Computer Science and Informatics			15.53	25	45	30	0	0
H-0177	Aberystwyth University	32	Geography and Environmental Studies			31.33	20	45	30	5	0
H-0177	Aberystwyth University	36	Business and Management Studies			16.00	5	25	35	30	5
H-0177	Aberystwyth University	37	Library and Information Management			11.20	10	40	35	15	0
H-0177	Aberystwyth University	38	Law			21.00	5	30	30	35	0
H-0177	Aberystwyth University	39	Politics and International Studies			33.00	40	25	25	10	0
H-0177	Aberystwyth University	46	Sports-Related Studies			8.00	0	15	50	35	0
H-0177	Aberystwyth University	50	European Studies			5.00	20	15	45	15	5
H-0177	Aberystwyth University	56	Celtic Studies			13.20	25	40	25	10	0
H-0177	Aberystwyth University	57	English Language and Literature			22.00	10	30	55	5	0
H-0177	Aberystwyth University	62	History			20.80	10	35	35	20	0
H-0177	Aberystwyth University	64	History of Art, Architecture and Design			7.75	5	20	40	35	0
H-0177	Aberystwyth University	65	Drama, Dance and Performing Arts			22.90	30	30	20	20	0
H-0178	Bangor University	7	Health Services Research			16.10	5	20	35	40	0
H-0178	Bangor University	14	Biological Sciences			16.56	5	20	55	20	0
H-0178	Bangor University	16	Agriculture, Veterinary and Food Science			35.00	5	40	45	10	0
H-0178	Bangor University	17	Earth Systems and Environmental Sciences			28.40	10	50	30	10	0
H-0178	Bangor University	18	Chemistry			12.00	10	35	45	10	0
H-0178	Bangor University	23	Computer Science and Informatics			6.95	15	35	40	5	5
H-0178	Bangor University	24	Electrical and Electronic Engineering			8.00	30	40	25	5	0
H-0178	Bangor University	35	Accounting and Finance			13.75	15	50	30	5	0
H-0178	Bangor University	40	Social Work and Social Policy & Administration			15.40	5	25	55	15	0
H-0178	Bangor University	44	Psychology			39.00	20	45	25	10	0
H-0178	Bangor University	45	Education			4.66	10	20	20	35	15
H-0178	Bangor University	46	Sports-Related Studies			16.80	10	25	45	20	0
H-0178	Bangor University	50	European Studies			9.00	5	20	45	25	5
H-0178	Bangor University	56	Celtic Studies			6.75	10	45	35	10	0
H-0178	Bangor University	57	English Language and Literature			14.25	15	30	50	5	0
H-0178	Bangor University	58	Linguistics			6.22	5	30	40	20	5
H-0178	Bangor University	61	Theology, Divinity and Religious Studies			7.45	5	25	45	20	5
H-0178	Bangor University	62	History			17.00	15	35	35	10	5
H-0178	Bangor University	67	Music			10.50	25	45	20	10	0
H-0179	Cardiff University	1	Cardiovascular Medicine			19.40	5	35	40	20	0
H-0179	Cardiff University	2	Cancer Studies			26.60	10	55	30	5	0
H-0179	Cardiff University	3	Infection and Immunology			42.60	10	40	45	5	0
H-0179	Cardiff University	4	Other Hospital Based Clinical Subjects			31.42	0	25	60	15	0
H-0179	Cardiff University	8	Primary Care and Other Community Based Clinic			11.90	5	60	30	5	0
H-0179	Cardiff University	9	Psychiatry, Neuroscience and Clinical Psycholog			21.30	20	60	15	5	0
H-0179	Cardiff University	10	Dentistry			27.60	15	50	30	5	0

## 2008 Research Assessment Exercise Results : Wales

Note: In this table, joint submissions are shown split by their constituent institutions.

						Overall quality profile (percentage of research activity at each quality level)				
Institution		Unit of	Multiple		FTE					
code	Institution name	assessment	Unit of assessment	submission	Category	4*	3*	2*	1*	unclassified
		number	name	letter	A staff					
					submitted					
H-0179	Cardiff University	11	Nursing and Midwifery		11.50	15	30	35	15	5
H-0179	Cardiff University	12	Allied Health Professions and Studies		21.70	20	35	35	10	0
H-0179	Cardiff University	13	Pharmacy		26.87	15	40	30	10	5
H-0179	Cardiff University	14	Biological Sciences		53.90	15	40	35	10	0
H-0179	Cardiff University	17	Earth Systems and Environmental Sciences		37.00	15	55	25	5	0
H-0179	Cardiff University	18	Chemistry		36.57	10	50	40	0	0
H-0179	Cardiff University	19	Physics		32.30	5	45	30	20	0
H-0179	Cardiff University	20	Pure Mathematics		30.45	5	35	45	15	0
H-0179	Cardiff University	23	Computer Science and Informatics		22.15	20	50	25	5	0
H-0179	Cardiff University	24	Electrical and Electronic Engineering		18.26	10	40	45	5	0
H-0179	Cardiff University	27	Civil Engineering		21.30	25	65	10	0	0
H-0179	Cardiff University	28	Mechanical, Aeronautical and Manufacturing Eng		25.60	20	45	30	5	0
H-0179	Cardiff University	30	Architecture and the Built Environment		23.30	20	45	25	10	0
H-0179	Cardiff University	31	Town and Country Planning		42.40	30	35	25	10	0
H-0179	Cardiff University	33	Archaeology		21.33	15	40	35	10	0
H-0179	Cardiff University	36	Business and Management Studies		114.85	35	35	25	5	0
H-0179	Cardiff University	38	Law		24.85	25	35	35	5	0
H-0179	Cardiff University	41	Sociology		61.40	25	30	35	10	0
H-0179	Cardiff University	44	Psychology		59.35	25	45	25	5	0
H-0179	Cardiff University	50	European Studies		33.40	15	30	35	20	0
H-0179	Cardiff University	56	Celtic Studies		8.00	15	40	30	15	0
H-0179	Cardiff University	57	English Language and Literature		44.20	35	25	30	10	0
H-0179	Cardiff University	60	Philosophy		8.00	5	25	60	10	0
H-0179	Cardiff University	61	Theology, Divinity and Religious Studies		12.00	5	30	55	5	5
H-0179	Cardiff University	62	History		29.00	10	35	40	15	0
H-0179	Cardiff University	66	Communication, Cultural and Media Studies		16.50	45	30	20	5	0
H-0179	Cardiff University	67	Music		13.20	15	55	20	10	0
H-0087	Glyndŵr University	11	Nursing and Midwifery		5.80	0	25	30	30	15
H-0087	Glyndŵr University	23	Computer Science and Informatics		3.20	5	35	50	10	0
H-0087	Glyndŵr University	29	Metallurgy and Materials		6.80	5	30	35	30	0
H-0087	Glyndŵr University	40	Social Work and Social Policy & Administration		3.00	0	20	40	35	5
H-0087	Glyndŵr University	45	Education		5.70	0	5	20	35	40
H-0087	Glyndŵr University	63	Art and Design		2.30	0	5	40	55	0
H-0091	Swansea Metropolitan University	25	General Engineering and Mineral & Mining Engin		2.20	10	20	45	25	0
H-0091	Swansea Metropolitan University	32	Geography and Environmental Studies		3.20	0	5	20	60	15
H-0091	Swansea Metropolitan University	45	Education		8.89	5	10	30	40	15
H-0091	Swansea Metropolitan University	63	Art and Design		10.80	5	25	55	10	5
H-0180	Swansea University	7	Health Services Research		14.65	0	35	45	20	0
H-0180	Swansea University	11	Nursing and Midwifery		33.65	10	25	35	25	5
H-0180	Swansea University	12	Allied Health Professions and Studies		35.50	20	35	35	10	0
H-0180	Swansea University	14	Biological Sciences		16.00	0	20	55	20	5
H-0180	Swansea University	19	Physics		20.75	10	40	45	5	0
H-0180	Swansea University	20	Pure Mathematics		20.50	5	35	50	10	0
H-0180	Swansea University	23	Computer Science and Informatics		22.00	25	45	25	5	0
H-0180	Swansea University	24	Electrical and Electronic Engineering		15.00	10	20	35	30	5

## 2008 Research Assessment Exercise Results : Wales

Note: In this table, joint submissions are shown split by their constituent institutions.

						Overall quality profile (percentage of research activity at each quality level)					
Institution code	Institution name	Unit of assessment number	Unit of assessment name	Multiple submission letter	Multiple submission name	FTE					
						Category A staff submitted	4*	3*	2*	1*	unclassified
H-0180	Swansea University	25	General Engineering and Mineral & Mining Engin			18.00	15	65	20	0	0
H-0180	Swansea University	27	Civil Engineering			18.00	35	60	5	0	0
H-0180	Swansea University	28	Mechanical, Aeronautical and Manufacturing Eng			12.50	10	35	50	5	0
H-0180	Swansea University	29	Metallurgy and Materials			15.00	15	45	35	5	0
H-0180	Swansea University	32	Geography and Environmental Studies			29.30	15	45	35	5	0
H-0180	Swansea University	34	Economics and Econometrics			18.20	15	45	40	0	0
H-0180	Swansea University	36	Business and Management Studies			21.75	10	30	45	15	0
H-0180	Swansea University	38	Law			25.05	5	40	50	5	0
H-0180	Swansea University	39	Politics and International Studies			13.00	5	15	60	20	0
H-0180	Swansea University	40	Social Work and Social Policy & Administration			17.50	10	50	30	10	0
H-0180	Swansea University	43	Development Studies			4.60	5	10	55	30	0
H-0180	Swansea University	44	Psychology			26.00	5	30	45	20	0
H-0180	Swansea University	46	Sports-Related Studies			9.28	0	0	35	55	10
H-0180	Swansea University	47	American Studies and Anglophone Area Studies			11.00	10	20	35	25	10
H-0180	Swansea University	52	French			8.00	5	30	50	15	0
H-0180	Swansea University	53	German, Dutch and Scandinavian Languages			8.00	10	40	40	10	0
H-0180	Swansea University	54	Italian			4.00	0	40	40	15	5
H-0180	Swansea University	55	Iberian and Latin American Languages			6.00	10	35	40	15	0
H-0180	Swansea University	56	Celtic Studies			5.00	20	45	30	5	0
H-0180	Swansea University	57	English Language and Literature			24.28	10	50	30	10	0
H-0180	Swansea University	59	Classics, Ancient History, Byzantine and Modern			13.60	5	20	50	25	0
H-0180	Swansea University	62	History			18.00	15	35	40	10	0
H-0180	Swansea University	66	Communication, Cultural and Media Studies			7.70	10	25	25	40	0
H-0090	University of Glamorgan	11	Nursing and Midwifery			22.60	10	25	40	20	5
H-0090	University of Glamorgan	12	Allied Health Professions and Studies			4.00	0	0	5	55	40
H-0090	University of Glamorgan	14	Biological Sciences			4.00	0	10	30	55	5
H-0090	University of Glamorgan	21	Applied Mathematics			4.00	0	20	45	30	5
H-0090	University of Glamorgan	23	Computer Science and Informatics			22.45	5	35	40	20	0
H-0090	University of Glamorgan	25	General Engineering and Mineral & Mining Engin			9.85	5	55	35	5	0
H-0090	University of Glamorgan	30	Architecture and the Built Environment			6.20	10	40	35	10	5
H-0090	University of Glamorgan	36	Business and Management Studies			27.10	5	10	50	35	0
H-0090	University of Glamorgan	38	Law			6.80	0	15	30	55	0
H-0090	University of Glamorgan	40	Social Work and Social Policy & Administration			18.10	5	40	50	5	0
H-0090	University of Glamorgan	44	Psychology			12.70	0	10	25	55	10
H-0090	University of Glamorgan	45	Education			6.75	0	20	35	35	10
H-0090	University of Glamorgan	46	Sports-Related Studies			9.50	5	15	30	40	10
H-0090	University of Glamorgan	57	English Language and Literature			15.00	15	25	50	5	5
H-0090	University of Glamorgan	62	History			6.00	10	40	45	5	0
H-0090	University of Glamorgan	65	Drama, Dance and Performing Arts			15.40	5	25	45	25	0
H-0090	University of Glamorgan	66	Communication, Cultural and Media Studies			8.00	10	20	45	25	0
H-0186	University of Wales Centre for Advanced Wels	56	Celtic Studies			12.50	35	45	15	5	0
H-0089	University of Wales Institute, Cardiff	12	Allied Health Professions and Studies			28.70	5	10	35	35	15
H-0089	University of Wales Institute, Cardiff	36	Business and Management Studies			8.25	0	10	25	55	10
H-0089	University of Wales Institute, Cardiff	45	Education			10.00	0	0	30	50	20
H-0089	University of Wales Institute, Cardiff	46	Sports-Related Studies	A	Cardiff School of Sport	25.70	5	20	45	30	0

## 2008 Research Assessment Exercise Results : Wales

Note: In this table, joint submissions are shown split by their constituent institutions.

Institution code	Institution name	Unit of assessment number	Unit of assessment name	Multiple submission letter	Multiple submission name	FTE Category A staff submitted	Overall quality profile (percentage of research activity at each quality level)				
							4*	3*	2*	1*	unclassified
H-0089	University of Wales Institute, Cardiff	46	Sports-Related Studies	B	Cardiff School of Management	8.30	5	20	40	35	0
H-0089	University of Wales Institute, Cardiff	63	Art and Design			20.60	10	60	25	5	0
H-0176	University of Wales, Lampeter	33	Archaeology			15.00	15	35	35	15	0
H-0176	University of Wales, Lampeter	56	Celtic Studies			2.50	0	5	45	35	15
H-0176	University of Wales, Lampeter	57	English Language and Literature			12.90	0	15	45	25	15
H-0176	University of Wales, Lampeter	59	Classics, Ancient History, Byzantine and Modern			6.20	5	15	40	40	0
H-0176	University of Wales, Lampeter	61	Theology, Divinity and Religious Studies			23.00	5	30	55	10	0
H-0086	University of Wales, Newport	28	Mechanical, Aeronautical and Manufacturing Eng			1.00	10	15	20	30	25
H-0086	University of Wales, Newport	40	Social Work and Social Policy & Administration			4.80	5	40	30	20	5
H-0086	University of Wales, Newport	45	Education			1.00	0	0	25	55	20
H-0086	University of Wales, Newport	62	History			3.50	0	20	40	35	5
H-0086	University of Wales, Newport	63	Art and Design			17.20	10	60	25	5	0

## Annex F

**2008 Research Assessment Exercise  
Overall Quality Profile by Institution**

Institution	Overall Quality Profile						FTE Category A staff in RAE 2008
	Percentage of activity at 3* or 4*	Percentage of activity at 4*	Percentage of activity at 3*	Percentage of activity at 2*	Percentage of activity at 1*	Percentage of activity at unclassified	
University of Glamorgan	31%	6%	25%	41%	25%	4%	198.5
Aberystwyth University	48%	16%	32%	37%	15%	0%	300.8
Bangor University	48%	12%	36%	38%	14%	1%	283.8
Cardiff University	59%	19%	40%	32%	9%	0%	1,030.2
University of Wales Lampeter	31%	6%	25%	46%	19%	4%	59.6
Swansea University	47%	11%	36%	38%	13%	1%	511.8
University of Wales Institute, Cardiff	28%	5%	23%	35%	31%	7%	101.6
University of Wales, Newport	55%	7%	48%	28%	14%	3%	27.5
Glyndŵr University	23%	2%	21%	34%	31%	12%	26.8
Swansea Metropolitan University	22%	5%	17%	41%	28%	9%	25.1
Trinity University College	n/a	n/a	n/a	n/a	n/a	n/a	n/a
CAWCS	80%	35%	45%	15%	5%	0%	12.5
<b>Wales</b>	<b>49%</b>	<b>14%</b>	<b>35%</b>	<b>36%</b>	<b>14%</b>	<b>1%</b>	<b>2,578.2</b>

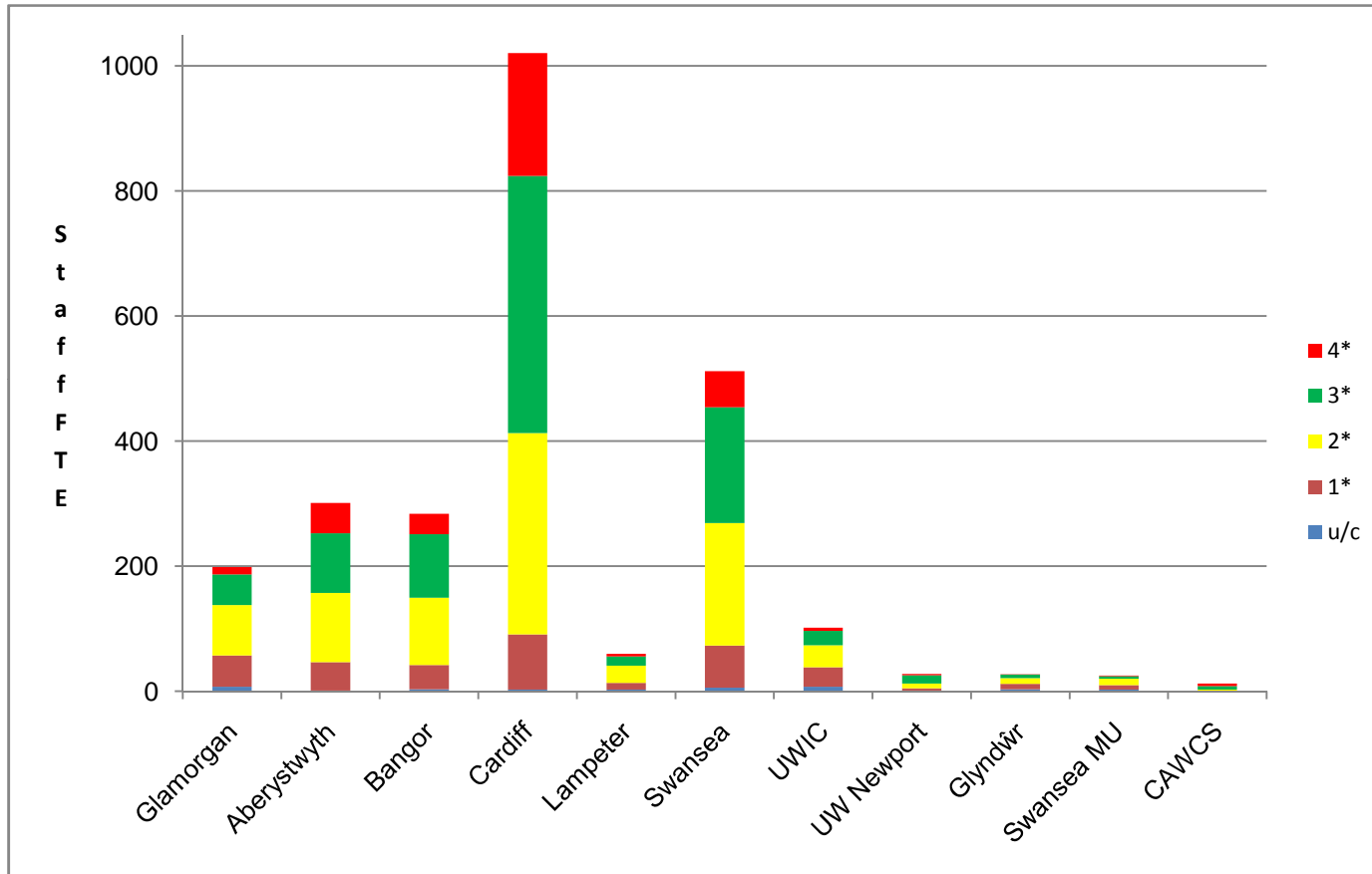
## ANNEX G

### 2008 Research Assessment Exercise Volume of FTE Category A staff - by proportion in each quality level

Institution	Category A staff (FTE)					Total
	4*	3*	2*	1*	unclassified	
University of Glamorgan	11.7	49.2	80.6	49.9	7.1	<b>198.5</b>
Aberystwyth University	48.1	95.6	110.9	45.2	1.1	<b>300.8</b>
Bangor University	32.8	101.5	107.5	39.0	3.0	<b>283.8</b>
Cardiff University	196.3	411.1	332.1	88.2	2.5	<b>1,030.2</b>
UW Lampeter	3.7	15.1	27.3	11.1	2.3	<b>59.6</b>
Swansea University	58.0	184.9	196.1	67.4	5.5	<b>511.8</b>
UWIC	5.2	22.9	35.1	31.2	7.1	<b>101.6</b>
UW Newport	2.1	13.1	7.6	3.9	0.9	<b>27.5</b>
Glyndŵr University	0.5	5.6	9.0	8.4	3.3	<b>26.8</b>
Swansea Metropolitan U	1.2	4.2	10.2	7.1	2.4	<b>25.1</b>
CAWCS	4.4	5.6	1.9	0.6	0.0	<b>12.5</b>
<b>Wales</b>	<b>363.9</b>	<b>908.7</b>	<b>918.2</b>	<b>352.1</b>	<b>35.1</b>	<b>2,578.1</b>

The volume of Category A staff in each quality level is not a headcount of actual individuals. It is calculated by multiplying the percentage at each quality level by the number of staff in that submission. The values for each submission are then summed for the institution as a whole.

Volume of Category A Staff (FTE) by Quality Level



Volume of Category A Staff (FTE) by Quality Level

