

QR model 2015/16

Inputs from the 2014 REF

- FTE of Category A staff (excluding those flagged as research fellows) active on 31 October 2013

Minor volume measures:

- FTE of Research Fellows active on 31 October 2013
- Income from charities (awarded through open competition) – average of 2011-12 and 2012-13 income
- Quality profile for each UoA submitted by each institution

Inputs from HESA 2013/14 student and staff records

Minor volume measures:

- FTE of Research Assistants active on 31 October 2013
- FTE of PGR students (headcount of full-time students plus FTE of part-time students active on 1 December 2013)

Amount of funding

The total amount of funding available for QR in 2015/16 is **£71,077,344**. This sum is allocated across four elements of QR:

	2015/16
	£
Main allocation	61,745,381
Charity income allocation	3,105,201
Rewarding excellence allocation	6,094,762
Publication fund	132,000
Total QR funding	71,077,344

Parameters

UoAs in each subject band:

- Subject band A
UoAs: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
- Subject band B
UoAs: 16, 17, 26, 34, 35
- Subject band C
UoAs: 18, 19, 20, 21, 22, 23, 24, 25, 27, 28, 29, 30, 31, 32, 33, 36

Subject band weights:

- A 1.6
- B 1.3
- C 1.0

Quality profile weights:

- 4* 3
- 3* 1
- 2* 0
- 1* 0
- Unclassified 0

Weights on volume measures:

- FTE Category A staff 1.00
- FTE research fellows 0.10
- FTE research assistants 0.10
- FTE PGR students 0.15
- Income from charities (awarded through open competition) 0.00001

Threshold:

Only those submitted UoAs with 3 or more classified FTE Category A staff (rounded to 1 decimal place) are eligible for inclusion in the funding allocations for all elements of the model (main, charity income, rewarding excellence and publications fund).

Classified FTE Category A staff is calculated as:

- Category A staff FTE x percentage in 1* to 4* / 100

Sustainability threshold:

Of those UoAs exceeding the above threshold, only those UoAs scoring 6.0 or more in the sustainability threshold are included in the funding allocations for all elements of the model (main, charity income, rewarding excellence and publications fund).

The sustainability threshold is calculated as:

- $\text{Category A staff FTE} \times (4^* \text{ quality profile weight} \times \text{percentage in } 4^* + 3^* \text{ quality profile weight} \times \text{percentage in } 3^*) / 100$

Multiple submissions to UoA 28 and joint submissions are exempt from the volume and sustainability thresholds.

Allocation method

Main allocation

For each UoA that meets both of the thresholds, volume is calculated as:

$$\text{Volume} = \text{Staff FTE} + 0.1 \times \text{FTE fellows} + 0.1 \times \text{FTE assistants} + 0.15 \times \text{FTE students} + 0.25 \times \text{average charity income (awarded through open competition)} / 25,000$$

This is multiplied by the appropriate weight according to the subject band of the UoA:

$$\text{Subject weighted volume} = 1.6/1.3/1.0 \times \text{Volume}$$

The subject weighted volume is then weighted according to the quality profile:

$$\text{Subject and quality weighted volume} = \text{Subject weighted volume} \times (3 \times 4^* \text{ percentage} + 1 \times 3^* \text{ percentage} + 0 \times 2^* \text{ percentage} + 0 \times 1^* \text{ percentage} + 0 \times \text{unclassified percentage}) / 100$$

The subject and quality weighted volume is summed over all institutions and UoAs and the proportion of funding allocated to a UoA in an institution is calculated as:

$$\text{Proportion of funding allocated to a UoA in an institution} = \text{Subject and quality weighted volume in that UoA and institution} / \text{total subject and quality weighted volume over all institutions and UoAs}$$

The allocation for a UoA in an institution is calculated as:

Main allocation = Funding available for the main allocation x Proportion of funding allocated to a UoA in an institution

Charity income allocation

For UoAs that meet both of the thresholds, average charity income (awarded through open competition) is summed over all institutions and UoAs and the proportion of charity income funding to be allocated to a UoA in an institution is calculated as:

Proportion of funding allocated to a UoA in an institution = Average charity income (awarded through open competition) / total average charity income (awarded through open competition) over all institutions and UoAs

The allocation to a UoA in an institution is calculated as:

Charity income allocation = Funding available for the charity income allocation x Proportion of funding allocated to a UoA in an institution

Allocation for rewarding excellence

For UoAs that meet both of the thresholds, the proportion of subject weighted volume in the 4* quality level is calculated as:

Subject weighted volume in 4* = Subject weighted volume x percentage in 4* / 100

This is summed over all institutions and UoAs and the proportion of rewarding excellence funding to be allocated to a UoA in an institution is calculated as:

Proportion of funding allocated to a UoA in an institution = Subject weighted volume in 4* / total subjected weighted volume in 4* over all institutions and UoAs

The allocation to a UoA in an institution is calculated as:

Rewarding excellence allocation = Funding available for rewarding excellence x Proportion of funding allocated to a UoA in an institution

Publications fund

The publications fund is allocated to institutions by allocating 50% of the funding in proportion to institutions QR funding 2010/11 and 50% of the funding in proportion to the number of publications supported by the Publications Fund over the last three years:

Publications fund	2015/16 £
University of Glamorgan	19,762
Aberystwyth University	16,353
Bangor University	16,469
Cardiff University	42,037
University of Wales Trinity Saint David	2,712
Swansea University	28,447
University of Wales Institute, Cardiff	0
University of Wales, Newport	0
Glyndwr University	0
Swansea Metropolitan University	4,007
University of Wales	2,213
Total	132,000

The allocation to a UoA in an institution is calculated as:

Publications fund allocation = Institutional publication fund allocation x Proportion of funding (main allocation, charity allocation and rewarding excellence allocation) allocated to a UoA in an institution

Total funding allocation

The total funding allocation to a UoA in an institution is the sum of the main allocation, the charity income allocation, the rewarding excellence fund allocation and the publications fund allocation.