

RESEARCH EXCELLENCE FRAMEWORK 2014: OVERALL RANKING OF INSTITUTIONS

2014 rank order by GPA	2008 rank order by GPA	Institution	Number of UoAs entered	Total number of FTE staff submitted	Quality profile of institutions %					GPA (0-4)	Research power	Rank on research power 2014	Rank on research power 2008
					4*	3*	2*	1*	U/C				
1	1	Institute of Cancer Research	2	103	50	42	8	0	1	3.40	351	87	85
2	6	Imperial College London	14	1,257	46	44	9	1	0	3.36	4,223	8	7
3	=4	London School of Economics and Political Science	14	532	50	37	11	1	1	3.35	1,783	28	29
4	=4	University of Oxford	31	2,409	48	39	11	1	0	3.34	8,047	2	1
5	2	University of Cambridge	32	2,088	47	40	12	1	0	3.33	6,952	3	2
6	=22	Cardiff University	27	738	40	47	11	1	0	3.27	2,412	18	15
7	=22	King's College London	27	1,369	40	45	13	2	0	3.23	4,422	6	11
=8	7	University College London	36	2,566	43	39	15	2	1	3.22	8,261	1	4
=8	9	University of Warwick	23	931	37	50	12	1	0	3.22	2,997	15	16
10	3	London School of Hygiene and Tropical Medicine, University of London	2	314	42	37	20	1	0	3.20	1,004	46	59
=11	12	University of Edinburgh	31	1,753	38	45	15	2	0	3.18	5,575	4	5
=11	=14	University of Bristol	31	1,138	36	47	15	1	0	3.18	3,618	9	10
=11	13	Queen Mary University of London	21	671	34	52	13	1	0	3.18	2,133	22	21
=14	=14	University of Sheffield	35	1,043	33	52	13	1	0	3.17	3,307	13	9
=14	10	University of York	24	643	35	48	15	1	0	3.17	2,038	23	22
=14	=20	University of Bath	13	462	32	55	11	1	0	3.17	1,463	35	35
17	8	University of Manchester	35	1,561	35	47	16	1	0	3.16	4,933	5	3
=18	=14	University of Southampton	26	1,113	33	51	14	1	0	3.15	3,506	11	14
=18	=20	Lancaster University	16	580	35	48	15	2	0	3.15	1,826	26	26
20	=14	Durham University	23	740	33	50	15	1	0	3.14	2,325	20	19
=21	=14	University of Leeds	33	1,149	32	50	15	2	0	3.13	3,597	10	8
=21	=14	University of St Andrews	20	519	32	50	16	1	0	3.13	1,623	32	32
23	=35	University of East Anglia	24	455	30	52	16	1	0	3.11	1,415	36	33
=24	=33	University of Glasgow	32	1,099	31	50	17	2	0	3.10	3,408	12	13
=24	n/a	Liverpool School of Tropical Medicine	2	35	31	49	19	1	0	3.10	109	114	n/a
=26	=24	University of Nottingham	32	1,404	32	49	17	2	1	3.09	4,340	7	6
=26	27	Newcastle University	28	888	31	48	19	1	0	3.09	2,744	16	17
=26	=24	Royal Holloway, University of London	17	378	30	51	17	1	0	3.09	1,168	40	39
=26	=52	Swansea University	18	370	31	49	18	2	0	3.09	1,142	42	36
30	=28	University of Exeter	25	736	29	53	16	2	0	3.08	2,267	21	25
=31	26	University of Birmingham	33	1,065	28	53	16	2	0	3.07	3,271	14	12
=31	49	Cranfield University	3	224	27	54	19	0	0	3.07	687	61	63
=33	=40	University of Liverpool	26	760	27	54	18	2	0	3.06	2,325	19	18
=33	=45	Heriot-Watt University	12	352	26	56	16	2	0	3.06	1,078	44	46
=35	11	University of Essex	14	339	30	48	21	2	0	3.05	1,034	45	44
=35	=52	Aston University	7	199	29	49	20	1	0	3.05	608	69	64
37	50	University of Strathclyde	17	558	28	51	19	2	0	3.04	1,696	31	30
=38	42	University of Reading	23	590	27	51	20	2	0	3.03	1,788	27	27
=38	=40	University of Dundee	20	396	31	44	21	3	0	3.03	1,199	39	34
40	30	University of Sussex	24	501	28	48	22	2	1	3.01	1,507	34	31
41	103	Cardiff Metropolitan University	3	35	25	55	18	2	1	3.00	105	115	95
=42	39	Queen's University Belfast	28	868	25	52	21	2	0	2.99	2,596	17	20
=42	=52	Bangor University	14	233	26	51	20	3	1	2.99	697	59	55
=42	=66	St George's, University of London	2	56	30	40	30	0	0	2.99	166	108	87
45	=35	University of Surrey	15	459	22	56	20	2	0	2.98	1,367	37	42
=46	38	University of Aberdeen	25	597	24	52	22	2	0	2.97	1,774	29	28
=46	=33	Birkbeck, University of London	14	328	27	46	23	3	0	2.97	973	48	48
48	=56	University of Stirling	15	301	25	49	24	2	0	2.96	891	52	53
=49	=28	Loughborough University	18	646	25	49	23	3	0	2.95	1,905	25	24
=49	=31	University of Kent	23	591	25	48	24	3	0	2.95	1,744	30	40
=49	=45	City University London	12	378	23	52	21	3	1	2.95	1,116	43	45
=49	62	University of Bradford	7	124	24	50	22	2	1	2.95	365	85	57
53	51	University of Leicester	25	672	20	55	22	2	0	2.93	1,968	24	23
=54	=45	Ulster University	20	449	24	47	24	3	1	2.91	1,306	38	38
=54	43	The Open University	18	396	21	51	26	2	0	2.91	1,153	41	41
56	=35	Goldsmiths, University of London	13	238	24	46	27	2	1	2.90	692	60	52
57	=56	Keele University	17	267	21	50	26	3	1	2.88	769	56	56
=58	=45	Aberystwyth University	17	317	22	45	28	4	1	2.84	900	51	51
=58	=59	University of Brighton	10	209	23	45	27	5	1	2.84	595	70	60
60	=72	University of Roehampton	13	149	22	44	29	5	0	2.83	422	78	77
61	=31	Soas, University of London	11	234	23	43	29	5	1	2.82	660	63	58
62	=81	Liverpool John Moores University	17	243	18	49	29	3	1	2.79	677	62	74
=63	=88	Sheffield Hallam University	11	226	18	47	29	5	0	2.76	624	65	62

RESEARCH EXCELLENCE FRAMEWORK 2014: OVERALL RANKING OF INSTITUTIONS

2014 rank order by GPA	2008 rank order by GPA	Institution	Number of UoAs entered	Total number of FTE staff submitted	Quality profile of institutions %					GPA (0-4)	Research power	Rank on research power 2014	Rank on research power 2008
					4*	3*	2*	1*	U/C				
=63	=96	University of the Highlands and Islands	6	68	13	56	26	4	1	2.76	188	104	102
65	=68	University of Portsmouth	15	282	16	48	32	4	0	2.75	775	55	67
=66	=75	Plymouth University	18	366	15	50	30	3	1	2.74	1,003	47	47
=66	=78	Manchester Metropolitan University	13	313	15	50	30	4	1	2.74	857	53	50
=66	71	University of Westminster	13	210	20	43	30	7	1	2.74	576	72	68
69	=75	Bournemouth University	8	162	16	43	36	4	0	2.72	440	76	91
=70	=81	Northumbria University	16	343	16	44	34	6	0	2.71	929	50	80
=70	=68	University of East London	13	129	17	45	32	6	0	2.71	351	86	90
=72	=59	University of Hull	16	355	14	47	33	5	0	2.70	960	49	43
=72	=72	University of the West of England	17	299	15	46	33	6	0	2.70	808	54	54
=72	=91	Kingston University	9	139	16	44	35	5	0	2.70	374	84	72
=75	=63	Brunel University London	21	577	14	47	31	6	1	2.67	1,540	33	37
=75	=63	De Montfort University	12	218	16	42	37	5	1	2.67	583	71	66
=75	=93	Glasgow Caledonian University	9	153	13	48	33	5	0	2.67	409	79	83
=75	106	Coventry University	9	153	15	46	31	8	0	2.67	408	80	88
79	=72	Oxford Brookes University	17	269	14	45	35	6	1	2.66	717	57	69
=80	84	University of Huddersfield	13	234	15	44	35	6	1	2.65	619	67	92
=80	129	Queen Margaret University	5	43	15	42	34	8	0	2.65	113	113	104
82	65	Birmingham City University	11	122	16	44	30	8	1	2.64	322	89	93
83	58	University of Hertfordshire	13	192	11	46	36	6	1	2.61	500	73	76
84	=78	Nottingham Trent University	16	246	14	41	35	8	1	2.59	637	64	65
=85	=75	Middlesex University	10	272	12	46	32	8	2	2.58	701	58	73
=85	95	Teesside University	8	87	9	50	33	8	1	2.58	225	99	97
=87	61	University of Salford	13	242	11	43	38	7	2	2.54	616	68	49
=87	=100	University of Lincoln	17	177	13	40	37	8	2	2.54	450	75	86
=89	85	University of Bedfordshire	11	153	14	35	40	9	1	2.52	385	83	105
=89	=68	London South Bank University	7	102	6	48	38	7	1	2.52	256	95	94
=89	=109	Edinburgh Napier University	9	99	10	44	38	7	2	2.52	249	96	79
=89	102	Bath Spa University	6	74	13	40	34	11	2	2.52	187	105	100
=93	=96	University of Central Lancashire	16	247	9	43	41	7	1	2.51	620	66	70
=93	=91	University of Glamorgan	12	117	12	38	40	9	1	2.51	294	92	75
95	=96	University of Chichester	5	52	15	33	42	9	2	2.50	129	112	118
96	=107	London Metropolitan University	12	80	11	39	35	13	2	2.44	196	103	71
97	n/a	University of Wales Trinity Saint David	6	40	11	35	40	13	2	2.39	97	118	n/a
=98	=111	Canterbury Christ Church University	10	137	7	39	41	12	1	2.38	326	88	101
=98	116	University of Gloucestershire	6	56	10	34	40	15	0	2.38	134	111	96
100	86	Anglia Ruskin University	15	168	7	38	41	12	2	2.37	399	81	98
101	=107	University of the West of Scotland	9	118	6	38	43	12	1	2.36	279	94	106
102	87	Robert Gordon University	9	102	8	35	43	14	1	2.35	239	98	78
103	=100	University of Greenwich	19	202	9	33	43	13	2	2.33	469	74	81
104	=78	University of Winchester	8	73	8	36	39	16	2	2.32	168	107	108
105	=93	University of Wolverhampton	13	170	8	33	44	12	3	2.31	392	82	84
106	=124	Edge Hill University	12	139	7	33	39	17	4	2.22	307	91	112
107	127	Liverpool Hope University	12	112	7	30	42	20	2	2.21	249	97	114
108	121	Staffordshire University	8	81	6	30	41	21	1	2.20	178	106	109
109	=119	Bucks New University	4	24	7	31	41	17	4	2.19	53	124	126
=110	=88	Leeds Beckett University	11	201	8	26	41	21	3	2.16	435	77	89
=110	=109	Abertay University	7	67	5	27	50	14	4	2.16	144	109	111
112	=117	Glyndwr University	4	34	3	33	42	22	1	2.15	73	120	124
=113	130	University of Cumbria	6	27	6	23	49	21	1	2.13	57	123	120
=113	123	Newman University	6	23	5	27	48	18	3	2.13	50	125	131
115	=104	University of Sunderland	13	147	6	26	44	21	3	2.12	312	90	82
116	=117	University of Northampton	9	94	4	26	47	19	3	2.09	197	102	99
=117	114	University of Chester	16	138	6	25	44	22	3	2.08	288	93	110
=117	122	University of Worcester	11	105	5	28	41	23	4	2.08	217	101	127
119	=96	University of Derby	10	107	5	24	45	23	3	2.07	221	100	116
=120	128	York St John University	9	68	6	24	43	21	6	2.04	139	110	119
=120	n/a	Falmouth University	2	50	7	21	48	16	8	2.04	103	116	n/a
=120	113	University of Bolton	7	49	6	26	41	21	6	2.04	100	117	113
123	=104	Leeds Trinity University	5	20	5	21	51	18	6	2.01	40	126	129
124	115	St Mary's University, Twickenham	7	45	11	19	33	32	5	1.98	89	119	121
125	131	Bishop Grosseteste University	3	11	6	18	46	27	4	1.96	22	127	132
126	=119	University of West London	5	36	5	20	38	35	1	1.92	69	121	115
127	126	Southampton Solent University	4	36	2	17	37	29	15	1.63	58	122	122
128	n/a	Writtle College	2	12	0	17	24	29	30	1.29	16	128	n/a

RESEARCH EXCELLENCE FRAMEWORK 2014: OVERALL RANKING OF SINGLE-SUBJECT INSTITUTIONS

2014 rank order by GPA	2008 rank order by GPA	Institution	Number of UoAs entered	Total number of FTE staff submitted	Quality profile of institutions %					GPA (0-4)	Research power	Rank on research power 2014	Rank on research power 2008
					4*	3*	2*	1*	U/C				
1	2	Courtauld Institute of Art	1	33	56	39	4	0	1	3.49	113	7	8
2	1	London Business School	1	99	56	26	12	3	3	3.29	325	2	2
3	n/a	SRUC (Scotland's Rural College)	1	57	42	32	23	3	0	3.13	180	5	n/a
=4	n/a	University of the Arts London	1	110	31	52	15	2	0	3.12	342	1	61
=4	=8	Institute of Zoology	1	21	22	68	10	0	0	3.12	65	8	9
6	=10	Royal Veterinary College	1	103	35	44	18	3	0	3.11	322	3	3
=7	=4	Royal College of Art	1	60	37	40	17	6	0	3.08	183	4	6
=7	=16	Royal Northern College of Music	1	11	36	39	22	3	0	3.08	33	18	15
9	=8	Royal Central School of Speech and Drama, University of London	1	21	39	31	25	4	1	3.03	64	9	17
10	=10	Royal College of Music	1	14	34	39	22	4	1	3.01	43	13	10
=11	13	Royal Conservatoire of Scotland	1	15	26	41	26	6	1	2.85	42	14	18
=11	n/a	University of Wales	1	12	26	39	29	6	0	2.85	35	17	n/a
13	n/a	Heythrop College, University of London	1	16	22	40	36	2	0	2.82	45	12	128
14	n/a	Trinity Laban Conservatoire of Music and Dance	1	12	18	50	24	8	0	2.78	32	19	n/a
15	12	Glasgow School of Art	1	53	23	38	31	8	0	2.76	146	6	4
16	=4	Royal Academy of Music	1	14	21	40	34	3	2	2.75	38	16	13
17	21	University for the Creative Arts	1	21	17	47	29	5	2	2.72	56	10	7
18	=14	Norwich University of the Arts	1	7	19	36	40	5	0	2.69	20	21	19
19	20	Harper Adams University	1	17	10	46	44	0	0	2.66	45	11	14
20	=18	Guildhall School of Music and Drama	1	16	21	30	31	8	10	2.44	39	15	16
21	=23	Stranmillis University College	1	5	20	24	28	28	0	2.36	12	24	=24
22	27	Arts University Bournemouth	1	12	7	36	38	18	1	2.30	28	20	=24
23	26	Rose Bruford College	1	6	7	42	30	15	6	2.29	14	23	21
24	22	University of London Institute in Paris	1	3	0	22	25	38	15	1.54	5	25	26
25	=23	Royal Agricultural University	1	12	3	4	39	38	16	1.40	17	22	22
26	n/a	St Mary's University College, Belfast	1	3	0	0	20	67	13	1.07	3	26	n/a

METHODOLOGY

In the overall table of excellence (pages 32-34), institutions are ranked according to the grade point average (GPA) of their overall quality profiles. This is made up of profiles for output (worth 65 per cent of the total), impact (20 per cent) and environment (15 per cent).

The data published today by the Higher Education Funding Council for England present the proportion of each institution's submission, in each unit of assessment, that falls into each of five quality categories. For outputs, these are 4* (world-leading), 3* (internationally excellent), 2* (internationally recognised), 1* (nationally recognised) and unclassified. For impact, they are 4* (outstanding), 3* (very considerable), 2* (considerable), 1* (recognised but modest) and unclassified. *Times Higher Education* then aggregates these

profiles into a single institutional quality profile based on the number of full-time equivalent staff submitted to each unit of assessment. This reflects the view that larger departments should count for more in calculating an institution's overall quality.

Each institution's overall quality profile is then converted into a grade point average by multiplying its percentage of 4* research by 4, its percentage of 3* research by 3, its percentage of 2* research by 2 and its percentage of 1* research by 1; the results are added together and divided by 100 to give a score between 0 and 4. Note that owing to the rounding of decimals, there may appear to be a small discrepancy between the overall quality profiles and the stated GPA.

Where universities have the same GPA, they are ranked according to their research power. This is calculated by multiply-

ing the institution's overall rounded GPA by the exact total number of full-time equivalent staff it submitted to the REF. This is an attempt to combine volume and quality to produce a ranking that gives a more accurate indication than GPA of the relative amount of quality-related research funding each institution is likely to receive. Further analysis of results based on research power and market share is available in the online version of the table.

The 2008 rank order is taken from *Times Higher Education's* published rankings based on the 2008 research assessment exercise, which was the forerunner of the REF.

The impact table, which follows, is constructed in a similar way but takes account solely of each institution's quality profiles for impact. A similar table based solely on quality profiles for outputs is available online. The figure for

number of UoAs entered counts multiple submissions separately.

The subject ratings that follow the impact table rank each institutional submission to each of the 36 units of assessment based on the GPA of the institution's overall quality profiles in that unit of assessment. Tables based solely on quality profiles for outputs and for impact are also produced alongside and are sorted by GPA score. Note that the rank order figures in the left-most column may not relate exactly to output and impact rankings. Figures for research power, as before, are calculated by multiplying GPAs by the number of academics submitted to the unit of assessment. Where a university submitted fewer than four people to a unit of assessment, Hefce has suppressed its quality profiles for impact and outputs, so it is not possible to calculate a GPA.

This is indicated in the table by a dash.

As before, 2008 GPAs are taken from *THE's* rankings based on the 2008 RAE. However, since many units of assessment have changed since then, figures are not always available. Where they are not, the column is marked "n/a". The same marker is used to indicate where an institution did not submit to the relevant unit of assessment in 2008.

Where units of assessment have changed their names since 2008 but are still broadly comparable, we have included 2008's score for comparison. These are indicated with an asterisk in the name of the UoA.

For each unit of assessment we also show the "national profile" provided by Hefce, which we use to calculate GPA and research power figures for the entire discipline. As above, the GPA calculation is weighted according to the number of people submitted by each university.

Where the same institution made multiple submissions to the same unit of assessment, the various submissions are marked with different letters (eg, "University of Poppleton A"). Where universities have made joint submissions, they are listed on separate lines. The one with the higher research power is listed first.

The Higher Education Statistics Agency's data on the number of staff eligible to be submitted, published today, was not available in time for *Times Higher Education's* press deadline. Hence, this information is not taken into account in these tables.

● *Data analysis was undertaken by TES Global Information. Special thanks to Almut Sprigade and Ilan Lazarus. The official REF data are at www.ref.ac.uk. View THE's expanded tables, at www.timeshighereducation.co.uk*