



Research Excellence Framework 2021:

# **ANALYSIS OF RESULTS FOR BUSINESS & MANAGEMENT**

# INTRODUCTION

To help the sector understand the results, the Chartered ABS has undertaken an analysis of the data for Unit of Assessment 17: Business & Management. The results are ranked by institution according to the following measures:

- Overall Grade Point Average (GPA)
- Output GPA + Output 'Power' (GPA X volume of outputs per FTE staff submitted)
- Impact GPA
- Environment GPA
- Summary table enabling comparison of ranks by GPA across all assessment criteria
- Overall GPA by mission group affiliation

Each table shows the provider's quantity of staff in terms of Full-Time Equivalent and the percentage of eligible staff submitted, along with the proportion of each grade point they were awarded for their submissions. Each table is arranged by the provider's rank in REF 2021. For the tables which display the overall rankings, the REF 2021 rankings are presented alongside the same institution's rankings in REF 2014 for comparison. The Chartered ABS does not advocate any particular approach to analysing the data and our aim is to enable members to benchmark their performance and foster debate on the subject of research assessment in the UK, recognising the vital importance of research in UK business schools.



## BUSINESS AND MANAGEMENT UOA 17 - OVERALL GPA

The following table shows each provider's overall GPA, alongside its ranks both in this year's exercise and in REF 2014 for comparison. While the methodology between REF 2014 and REF 2021 may be too different to reasonably compare GPAs between exercises, a comparison of ranks remains prudent as it may give us an idea of how institutional performance relative to peers has changed alongside the shifting priorities of the higher education funding bodies.

Institution name	FTE of submitted staff	% of eligible staff submitted	4*	3*	2*	1*	Unclassified	GPA	2021 Rank	2014 Rank	Change
University of Cambridge	61.2	100	73	21	6	0	0	3.67	1	2	▲1
Imperial College of Science, Technology and Medicine	92.15	100	70	27	2	1	0	3.66	2	3	▲1
London Business School	106.45	100	70	23	6	1	0	3.62	3	5	▲2
The London School of Economics and Political Science	101.58	100	60	36	4	0	0	3.56	4	1	▼-3
City, University of London	124.55	85	59	33	8	0	0	3.51	=5	7	▲2
The University of Warwick	158.15	100	55	41	4	0	0	3.51	=5	12	▲7
The University of Bath	94.7	100	56	37	7	0	0	3.49	7	8	▲1
The University of Manchester	163.1	100	58	33	8	1	0	3.48	8	=18	▲10
King's College London	107.6	100	53	40	7	0	0	3.46	=9	=14	▲5
University of Exeter	79.1	100	54	38	8	0	0	3.46	=9	=39	▲30
University of Oxford	84.2	100	59	29	10	2	0	3.45	11	4	▼-7
The University of Leeds	144.53	100	53	37	9	1	0	3.42	12	9	▼-3
University College London	38.6	100	54	33	13	0	0	3.41	13	=22	▲9
The University of East Anglia	57.8	100	46	47	7	0	0	3.39	=14	17	▲3
The University of Lancaster	186.94	100	49	41	10	0	0	3.39	=14	11	▼-3
University of Glasgow	127.33	100	45	49	6	0	0	3.39	=14	=45	▲31
The University of Liverpool	129	100	47	44	9	0	0	3.38	=17	=31	▲14
University of Edinburgh	101.75	100	49	40	11	0	0	3.38	=17	21	▲4
Cardiff University / Prifysgol Caerdydd	172.35	100	45	44	10	1	0	3.33	=19	6	▼-13
The University of Surrey	53.55	100	43	47	10	0	0	3.33	=19	53	▲34
University of Durham	122.96	100	45	43	11	1	0	3.32	21	20	▼-1
Queen Mary University of London	62.91	100	41	49	9	1	0	3.3	=22	=39	▲17
The University of Birmingham	141.15	100	45	41	13	1	0	3.3	=22	=41	▲19
University of Strathclyde	116.1	100	42	42	16	0	0	3.26	24	10	▼-14
The University of Sheffield	139.85	100	35	55	10	0	0	3.25	25	=14	▼-11
University of Southampton	93.83	100	41	44	14	0	1	3.24	=26	33	▲7
University of York	59.7	100	39	46	15	0	0	3.24	=26	=36	▲10
Cranfield University	40.1	100	40	45	14	0	1	3.23	=28	=22	▼-6
Loughborough University	138.7	100	37	49	14	0	0	3.23	=28	=26	▼-2
University of St Andrews	33.5	100	35	53	12	0	0	3.23	=28	13	▼-15
University of Sussex	105.85	100	39	47	13	0	1	3.23	=28	=36	▲8
University of Ulster	34.4	80	31	59	10	0	0	3.21	32	=26	▼-6
University of Bristol	76.55	100	32	56	11	0	1	3.18	33	=24	▼-9
The University of Reading	100.75	100	33	53	12	2	0	3.17	34	16	▼-18
The University of Leicester	99.2	100	32	55	11	1	1	3.16	=35	=54	▲19
University of Nottingham, The	134.7	100	35	47	17	1	0	3.16	=35	=31	▼-4

Institution name	FTE of submitted staff	% of eligible staff submitted	4*	3*	2*	1*	Unclassified	GPA	2021 Rank	2014 Rank	Change
Anglia Ruskin University Higher Education Corporation	17.3	30	34	47	19	0	0	3.15	=37	=74	▲37
Middlesex University	85.75	55	34	49	15	2	0	3.15	=37	=51	▲14
The Open University	71.61	60	32	51	16	1	0	3.14	39	=34	▼-5
Royal Holloway and Bedford New College	71.13	100	30	52	18	0	0	3.12	40	29	▼-11
School of Oriental and African Studies	19.5	100	32	49	17	2	0	3.11	41	60	▲19
Aston University	109.05	100	32	46	21	1	0	3.09	42	=18	▼-24
Queen's University of Belfast	68	100	27	54	19	0	0	3.08	43	=34	▼-9
Manchester Metropolitan University	78.65	25	31	47	20	2	0	3.07	44	61	▲17
University of Newcastle upon Tyne	121.6	100	27	54	17	2	0	3.06	45	=51	▲6
Swansea University / Prifysgol Abertawe	53.05	100	25	55	20	0	0	3.05	46	30	▼-16
The University of Essex	118.76	100	27	51	21	1	0	3.04	47	38	▼-9
The University of Bradford	34.6	65	24	57	17	2	0	3.03	48	44	▼-4
Heriot-Watt University	33.9	100	25	53	21	1	0	3.02	=49	48	▼-1
University of Portsmouth	93.5	60	24	55	20	1	0	3.02	=49	=49	►0
Birkbeck College	55.1	100	17	66	16	1	0	2.99	=51	=68	▲17
Staffordshire University	9.1	100	28	43	29	0	0	2.99	=51	80	▲29
The University of Kent	71.8	100	23	57	15	5	0	2.98	=53	=41	▼-12
University of Stirling	56.65	95	26	49	22	3	0	2.98	=53	=26	▼-27
University of Aberdeen	62.85	100	16	65	18	1	0	2.96	55	=24	▼-31
The University of Westminster	47.35	25	28	38	34	0	0	2.94	56	86	▲30
Bangor University / Prifysgol Bangor	21.7	100	17	61	20	1	1	2.92	=57	=45	▼-12
The University of Hull	36.6	100	13	66	21	0	0	2.92	=57	=63	▲6
Roehampton University	18.7	100	20	51	29	0	0	2.91	59	88	▲29
Coventry University	77	15	21	49	27	3	0	2.88	60	=68	▲8
Nottingham Trent University	57.5	80	24	41	32	3	0	2.86	61	=56	▼-5
University of Plymouth	31.5	100	17	47	36	0	0	2.81	62	70	▲8
University of Greenwich	84.1	55	23	41	29	7	0	2.8	63	90	▲27
Goldsmiths' College	27	100	17	47	34	2	0	2.79	=64	N/A	N/A
University of Dundee	28.6	100	15	54	26	5	0	2.79	=64	83	▲19
University of Hertfordshire	26.9	15	17	48	32	3	0	2.79	=64	92	▲28
University of Northumbria at Newcastle	158.9	75	15	53	28	4	0	2.79	=64	=63	▼-1
University of Lincoln	31.3	100	10	60	28	2	0	2.78	68	=56	▼-12
University of Keele	17	80	11	55	34	0	0	2.77	69	=76	▲7
University of the West of England, Bristol	50.5	25	15	49	33	3	0	2.76	70	62	▼-8
Oxford Brookes University	46.35	35	14	48	37	1	0	2.75	71	=56	▼-15
University of Brighton	30.45	35	19	38	40	3	0	2.73	72	=41	▼-31
Brunel University London	72	100	19	45	25	11	0	2.72	73	=65	▼-8
Glasgow Caledonian University	23.4	20	16	39	41	4	0	2.67	=74	84	▲10
University of Central Lancashire	17	15	18	41	31	10	0	2.67	=74	=76	▲2
The University of Huddersfield	85.6	75	12	45	38	5	0	2.64	=76	72	▼-4
University of Bedfordshire	8	15	9	52	33	6	0	2.64	=76	78	▲2
University of Salford, The	13	15	14	43	34	9	0	2.62	78	=54	▼-24

Institution name	FTE of submitted staff	% of eligible staff submitted	4*	3*	2*	1*	Unclassified	GPA	2021 Rank	2014 Rank	Change
Aberystwyth University / Prifysgol Aberystwyth	18.67	100	14	35	49	2	0	2.61	79	67	▼-12
Bournemouth University	61.9	80	11	48	34	4	3	2.6	=80	=56	▼-24
Kingston University	48.7	65	15	36	43	6	0	2.6	=80	47	▼-33
London Metropolitan University	11	100	11	44	39	6	0	2.6	=80	82	▲2
London South Bank University	15.6	30	13	34	53	0	0	2.6	=80	96	▲16
University of Wolverhampton	16	30	9	45	43	3	0	2.6	=80	91	▲11
University of Winchester	14.06	100	11	45	35	9	0	2.58	85	N/A	N/A
Bath Spa University	12	35	14	39	37	10	0	2.57	86	N/A	N/A
Edge Hill University	17	55	10	44	38	8	0	2.56	=87	N/A	N/A
Robert Gordon University	7.4	15	9	40	49	2	0	2.56	=87	=65	▼-22
Sheffield Hallam University	24.9	15	14	38	38	9	1	2.55	89	81	▼-8
University of Chester	18.5	30	19	25	47	9	0	2.54	90	98	▲8
Edinburgh Napier University	26.2	35	11	36	48	5	0	2.53	91	71	▼-20
De Montfort University	109.5	50	10	36	45	7	2	2.45	92	=49	▼-43
University of Northampton	23	100	2	45	48	5	0	2.44	93	95	▲2
Cardiff Metropolitan University / Prifysgol Metropolitan Caerdydd	27.8	25	3	44	46	7	0	2.43	94	N/A	N/A
Liverpool John Moores University	31.4	25	11	40	29	20	0	2.42	95	N/A	N/A
University of Derby	33.9	30	10	32	44	13	1	2.37	96	93	▼-3
Birmingham City University	23	20	1	41	51	7	0	2.36	97	=74	▼-23
University of East London	14.2	30	2	36	52	10	0	2.3	98	87	▼-11
University of South Wales / Prifysgol De Cymru	20.6	30	0	36	55	9	0	2.27	99	99	►0
University of Worcester	15.2	65	5	30	49	16	0	2.24	100	97	▼-3
Leeds Beckett University	34.3	25	0	33	57	10	0	2.23	=101	94	▼-7
York St John University	11.51	30	2	31	55	12	0	2.23	=101	100	▼-1
University of Gloucestershire	7.4	95	0	35	47	18	0	2.17	103	N/A	N/A
Queen Margaret University, Edinburgh	5.4	20	0	30	56	14	0	2.16	104	N/A	N/A
University of the West of Scotland	34.2	50	4	26	51	18	1	2.14	105	85	▼-20
The University of Cumbria	7.95	25	0	31	48	21	0	2.1	106	79	▼-27
The University of Chichester	7	45	0	5	65	30	0	1.75	107	N/A	N/A
The University of Bolton	8	20	0	0	51	49	0	1.51	108	N/A	N/A

## BUSINESS AND MANAGEMENT UOA 17 - OUTPUT 'POWER'

Outputs account for 60% of a provider's overall outcome (previously 65% for REF 2014) and are comprised of published or otherwise publicly available products of research in various forms.

To calculate 'volume' of outputs, we estimated the number of outputs each institution would have submitted to REF 2021. This is based on the total number of FTE staff and the total number of outputs submitted within the Unit of Assessment. This gave us a multiplier of 2.42, slightly short of the 2.5 output submissions required per FTE of staff submitted. Assuming that this shortfall was spread evenly throughout the UoA, we multiplied each provider's FTE staff submitted by 2.42 to arrive at a volume of submissions. This was then multiplied by the GPA of their submissions to arrive at their output 'Power', a number which communicates the strength of their body of outputs, taking into account both quality and quantity.

Institution name	FTE of submitted staff	% of eligible staff submitted	4*	3*	2*	1*	Unclassified	Volume	GPA	GPA x volume	Output GPA Rank 2021
London Business School	106.45	100%	78.5	17	3.4	1.1	0	258	3.73	960.62	1
University of Cambridge	61.2	100%	71.1	23	5.2	0.7	0	148	3.65	539.84	2
The London School of Economics and Political Science	101.58	100%	68.4	25.7	5.1	0.8	0	246	3.62	889.14	3
Imperial College of Science, Technology and Medicine	92.15	100%	67.5	27.2	4.4	0.9	0	223	3.61	805.71	4
University College London	38.6	100%	61.9	32.9	5.2	0	0	93	3.57	333.20	5
The University of Warwick	158.15	100%	53.2	40	6.5	0.3	0	383	3.46	1324.60	6
The University of Bath	94.7	100%	50.9	39.9	9.2	0	0	229	3.42	783.09	7
City, University of London	124.55	85%	51.8	36.9	10.7	0.6	0	301	3.40	1024.50	8
University of Exeter	79.1	100%	50.6	38.8	10	0.6	0	191	3.39	649.69	9
The University of Surrey	53.55	100%	47.8	38.8	13.4	0	0	130	3.34	433.35	10
King's College London	107.6	100%	43.5	46.8	9.3	0	0.4	260	3.33	867.11	=11
The University of Lancaster	186.94	100%	44	46.1	9.2	0.2	0.5	452	3.33	1506.02	=11
The University of East Anglia	57.8	100%	44.1	43.5	12.4	0	0	140	3.32	463.97	13
University of Oxford	84.2	100%	52.1	30.8	13.8	2.8	0.5	204	3.31	674.87	14
The University of Manchester	163.1	100%	42.8	44.8	10.9	1.5	0	395	3.29	1298.17	15
The University of Liverpool	129	100%	39.9	47.6	12.1	0.4	0	312	3.27	1020.83	16
University of Glasgow	127.33	100%	36.6	53	9.8	0.6	0	308	3.26	1003.30	17
The University of Leeds	144.53	100%	40.3	43.6	15.2	0.9	0	350	3.23	1130.78	18
University of Ulster	34.4	80%	34.9	51.1	14	0	0	83	3.21	267.14	19
University of Edinburgh	101.75	100%	39	42.1	18.1	0.8	0	246	3.19	786.23	=20
Roehampton University	18.7	100%	34	51.1	14.9	0	0	45	3.19	144.41	=20
University of Bristol	76.55	100%	39.4	43.6	14.6	0.6	1.8	185	3.18	589.47	22
Royal Holloway and Bedford New College	71.13	100%	36.3	44.3	19.4	0	0	172	3.17	545.49	23
University of Durham	122.96	100%	33.9	48.7	16.4	0.7	0.3	298	3.15	937.92	=24
University of York	59.7	100%	31.5	52.4	15.4	0.7	0	144	3.15	454.66	=24
University of Nottingham, The	134.7	100%	32.6	50.2	16.3	0.9	0	326	3.15	1025.19	=24
University of Sussex	105.85	100%	34.3	48	16.1	0.4	1.2	256	3.14	803.82	27
The University of Birmingham	141.15	100%	32.3	49.3	17	1.4	0	342	3.13	1067.45	28
Queen Mary University of London	62.91	100%	31.3	51.7	15	1.3	0.7	152	3.12	474.39	29
Loughborough University	138.7	100%	27.4	56.8	15.5	0.3	0	336	3.11	1044.89	=30
University of St Andrews	33.5	100%	31	48.8	20.2	0	0	81	3.11	251.97	=30
University of Newcastle upon Tyne	121.6	100%	29.5	50.8	19.3	0.4	0	294	3.09	910.48	=32
The University of Sheffield	139.85	100%	26.4	57	16	0.6	0	338	3.09	1046.45	=32

Institution name	FTE of submitted staff	% of eligible staff submitted	4*	3*	2*	1*	Un-classified	Volume	GPA	GPA x volume	Output GPA Rank 2021
Cardiff University / Prifysgol Caerdydd	172.35	100%	29	52	18.1	0.9	0	417	3.09	1289.22	=32
University of Strathclyde	116.1	100%	27.9	53.1	18.7	0.3	0	281	3.09	867.05	=32
Queen's University of Belfast	68	100%	25.5	56.9	16.9	0.7	0	165	3.07	505.53	36
Aston University	109.05	100%	30.4	46.5	21.6	1.5	0	264	3.06	807.01	37
Anglia Ruskin University Higher Education Corporation	17.3	30%	32.6	39.5	27.9	0	0	42	3.05	127.57	38
The University of Kent	71.8	100%	25	54.4	19.5	1.1	0	174	3.03	527.00	=39
The Open University	71.61	60%	29.1	46.2	23.4	0.7	0.6	173	3.03	524.22	=39
The University of Essex	118.76	100%	25.9	51.9	19.8	2.4	0	287	3.01	865.93	=41
The University of Leicester	99.2	100%	26	52.4	19	1.7	0.9	240	3.01	722.35	=41
Cranfield University	40.1	100%	28	47	23	1	1	97	3.00	291.13	=43
University of Aberdeen	62.85	100%	22.4	56.6	19.6	1.4	0	152	3.00	456.29	=43
Goldsmiths' College	27	100%	28.1	42.1	29.8	0	0	65	2.98	194.91	45
University of Southampton	93.83	100%	22.1	55.3	21.3	0	1.3	227	2.97	674.17	=46
Swansea University / Prifysgol Abertawe	53.05	100%	23.4	51.6	24.2	0	0.8	128	2.97	381.03	=46
Bangor University / Prifysgol Bangor	21.7	100%	22.2	57.4	16.7	1.8	1.9	53	2.96	155.55	=48
School of Oriental and African Studies	19.5	100%	22.4	55.2	18.3	4.1	0	47	2.96	139.64	=48
Staffordshire University	9.1	100%	26.1	43.5	30.4	0	0	22	2.96	65.12	=48
The University of Reading	100.75	100%	21.1	56	20.2	2.7	0	244	2.96	720.47	=48
University of Keele	17	80%	18.6	58.1	23.3	0	0	41	2.95	121.49	=52
Heriot-Watt University	33.9	100%	21.2	55.3	21.1	2.4	0	82	2.95	242.26	=52
Brunel University London	72	100%	21.1	52.2	25	1.7	0	174	2.93	510.00	54
Nottingham Trent University	57.5	80%	24.3	45.8	28.5	0.7	0.7	139	2.92	406.74	=55
The University of Bradford	34.6	65%	20.7	54	21.9	3.4	0	84	2.92	244.50	=55
Birkbeck College	55.1	100%	20.3	50.7	27.6	1.4	0	133	2.90	386.56	57
University of Stirling	56.65	95%	17.7	54.6	26.3	1.4	0	137	2.89	395.65	=58
University of Plymouth	31.5	100%	19	50.6	30.4	0	0	76	2.89	220.00	=58
Middlesex University	85.75	55%	17.8	54.2	24.7	3.3	0	208	2.87	594.53	60
University of Dundee	28.6	100%	18.3	50	30	1.7	0	69	2.85	197.18	61
Robert Gordon University	7.4	15%	15.8	52.6	31.6	0	0	18	2.84	50.89	=62
The University of Hull	36.6	100%	15.2	53.3	31.5	0	0	89	2.84	251.28	=62
Oxford Brookes University	46.35	35%	15.5	50.9	32.7	0.9	0	112	2.81	315.19	64
Coventry University	77	15%	13.5	53.9	31.6	1	0	186	2.80	521.57	=65
University of Portsmouth	93.5	60%	16.5	49.3	32	1.8	0.4	226	2.80	632.88	=65
University of Lincoln	31.3	100%	16.7	50	29.5	3.8	0	76	2.80	211.79	=65
Manchester Metropolitan University	78.65	25%	18.8	44.7	32.9	3.6	0	190	2.79	530.46	68
Liverpool John Moores University	31.4	25%	12	56	29.3	2.7	0	76	2.77	210.71	69
University of Bedfordshire	8	15%	5	65	30	0	0	19	2.75	53.24	70
London Metropolitan University	11	100%	17.9	42.8	32.2	7.1	0	27	2.72	72.27	71
The University of Westminster	47.35	25%	16.1	39.8	43.3	0.8	0	115	2.71	310.76	=72
University of Northumbria at Newcastle	158.9	75%	14.2	47.5	33.3	5	0	385	2.71	1041.71	=72
Aberystwyth University / Prifysgol Aberystwyth	18.67	100%	12.8	44.6	42.6	0	0	45	2.70	122.08	=74
University of the West of England, Bristol	50.5	25%	11.9	50.8	32.5	4.8	0	122	2.70	329.72	=74

Institution name	FTE of submitted staff	% of eligible staff submitted	4*	3*	2*	1*	Un-classified	Volume	GPA	GPA x volume	Output GPA Rank 2021
University of Greenwich	84.1	55%	14.8	43.8	35.7	5.7	0	204	2.68	544.83	76
The University of Huddersfield	85.6	75%	13.6	42.9	38.8	4.2	0.5	207	2.65	548.75	77
University of Wolverhampton	16	30%	15	35	45	5	0	39	2.60	100.67	=78
University of Hertfordshire	26.9	15%	7.5	49.2	38.8	4.5	0	65	2.60	169.06	=78
Kingston University	48.7	65%	9	45.9	40.2	4.9	0	118	2.59	305.24	80
Sheffield Hallam University	24.9	15%	9.7	50	30.6	8.1	1.6	60	2.58	155.53	=81
University of Salford, The	13	15%	3	60.6	27.3	9.1	0	31	2.58	81.01	=81
Glasgow Caledonian University	23.4	20%	5.1	52.5	35.6	6.8	0	57	2.56	144.91	=83
Edge Hill University	17	55%	7	48.8	37.2	7	0	41	2.56	105.24	=83
University of Brighton	30.45	35%	11.8	36.9	46	5.3	0	74	2.55	188.05	85
University of Winchester	14.06	100%	8.6	42.8	42.9	5.7	0	34	2.54	86.53	=86
University of Derby	33.9	30%	9.4	43.5	40	5.9	1.2	82	2.54	208.38	=86
Edinburgh Napier University	26.2	35%	10.6	34.9	46.9	7.6	0	63	2.49	157.56	88
Bournemouth University	61.9	80%	9.7	45.8	32.2	6.5	5.8	150	2.47	370.15	=89
Bath Spa University	12	35%	3.3	50	36.7	10	0	29	2.47	71.61	=89
University of Central Lancashire	17	15%	9.3	37.2	39.5	14	0	41	2.42	99.48	91
London South Bank University	15.6	30%	0	41	59	0	0	38	2.41	90.98	92
De Montfort University	109.5	50%	8.9	38.3	40.6	8.5	3.7	265	2.40	636.51	93
York St John University	11.51	30%	3.4	41.4	44.9	10.3	0	28	2.38	66.27	=94
University of Chester	18.5	30%	10	32.5	42.5	15	0	45	2.38	106.33	=94
University of Gloucestershire	7.4	95%	0	47.4	42.1	10.5	0	18	2.37	42.42	=96
University of Worcester	15.2	65%	7.9	28.9	55.3	7.9	0	37	2.37	87.10	=96
University of Northampton, The	23	100%	3.4	34.5	53.5	8.6	0	56	2.33	129.52	98
University of South Wales / Prifysgol De Cymru	20.6	30%	0	36.5	57.7	5.8	0	50	2.31	115.01	=99
University of East London	14.2	30%	2.8	38.9	44.4	13.9	0	34	2.31	79.24	=99
Birmingham City University	23	20%	1.7	38	48.2	12.1	0	56	2.29	127.63	101
Queen Margaret University, Edinburgh	5.4	20%	0	28.6	64.3	7.1	0	13	2.22	28.95	102
Cardiff Metropolitan University / Prifysgol Metropolitan Caerdydd	27.8	25%	5.7	21.4	61.5	11.4	0	67	2.21	148.95	=103
Leeds Beckett University	34.3	25%	0	34.9	51.1	14	0	83	2.21	183.36	=103
University of the West of Scotland	34.2	50%	7	26.7	44.2	20.9	1.2	83	2.17	179.93	105
The University of Cumbria	7.95	25%	0	30	55	15	0	19	2.15	41.36	106
The University of Chichester	7	45%	0	5.6	66.6	27.8	0	17	1.78	30.12	107
The University of Bolton	8	20%	0	0	45	55	0	19	1.45	28.07	108



## BUSINESS AND MANAGEMENT UOA 17 - IMPACT GPA

Impact accounts for 25% of a provider's overall outcome, up from 20% in REF 2014, and is based on impact case studies submitted by providers that demonstrate the impact of their research beyond academia, extending to the economy, society, culture, public policy or services, health, the environment or quality of life.

Institution name	FTE of submitted staff	% of eligible staff submitted	4*	3*	2*	1*	Unclassified	GPA	Impact Rank
Middlesex University	85.75	55	78.6	21.4	0	0	0	3.79	1
School of Oriental and African Studies	19.5	100	75	25	0	0	0	3.75	=2
The University of Westminster	47.35	25	75	25	0	0	0	3.75	=2
University of Exeter	79.1	100	71.4	28.6	0	0	0	3.71	4
The University of Manchester	163.1	100	75	20	5	0	0	3.70	5
University of Oxford	84.2	100	64.3	35.7	0	0	0	3.64	6
Cranfield University	40.1	100	62.5	37.5	0	0	0	3.63	7
The University of Leeds	144.53	100	61.1	38.9	0	0	0	3.61	=8
The University of Sheffield	139.85	100	61.1	38.9	0	0	0	3.61	=8
University of Glasgow	127.33	100	61.1	38.9	0	0	0	3.61	=8
City, University of London	124.55	85	66.7	27.7	5.6	0	0	3.61	=8
Queen Mary University of London	62.91	100	60	40	0	0	0	3.60	=12
University of Cambridge	61.2	100	70	20	10	0	0	3.60	=12
University of Southampton	93.83	100	64.3	28.6	7.1	0	0	3.57	=14
Imperial College of Science, Technology and Medicine	92.15	100	57.1	42.9	0	0	0	3.57	=14
King's College London	107.6	100	56.3	37.5	6.2	0	0	3.50	=16
Anglia Ruskin University Higher Education Corporation	17.3	30	50	50	0	0	0	3.50	=16
Cardiff University / Prifysgol Caerdydd	172.35	100	50	50	0	0	0	3.50	=16
Manchester Metropolitan University	78.65	25	50	50	0	0	0	3.50	=16
Staffordshire University	9.1	100	50	50	0	0	0	3.50	=16
The University of East Anglia	57.8	100	50	50	0	0	0	3.50	=16
The University of Liverpool	129	100	55.6	38.8	5.6	0	0	3.50	=16
The University of Reading	100.75	100	50	50	0	0	0	3.50	=16
The University of Surrey	53.55	100	50	50	0	0	0	3.50	=16
University of Central Lancashire	17	15	50	50	0	0	0	3.50	=16
University of Durham	122.96	100	55.6	38.8	5.6	0	0	3.50	=16
University of Edinburgh	101.75	100	50	50	0	0	0	3.50	=16
University of Hertfordshire	26.9	15	50	50	0	0	0	3.50	=16
University of St Andrews	33.5	100	50	50	0	0	0	3.50	=16
The University of Birmingham	141.15	100	55.6	33.3	11.1	0	0	3.45	30
The University of Bath	94.7	100	50	42.9	7.1	0	0	3.43	=31
University of Portsmouth	93.5	60	42.9	57.1	0	0	0	3.43	=31
The University of Warwick	158.15	100	38.9	61.1	0	0	0	3.39	=33
University of Strathclyde	116.1	100	55.6	27.7	16.7	0	0	3.39	=33
The London School of Economics and Political Science	101.58	100	37.5	62.5	0	0	0	3.38	=35
The University of Leicester	99.2	100	37.5	62.5	0	0	0	3.38	=35
University of Sussex	105.85	100	50	37.5	12.5	0	0	3.38	=35
The Open University	71.61	60	41.7	50	8.3	0	0	3.33	=38

Institution name	FTE of submitted staff	% of eligible staff submitted	4*	3*	2*	1*	Unclassified	GPA	Impact Rank
University of Ulster	34.4	80	33.3	66.7	0	0	0	3.33	=38
University of Stirling	56.65	95	60	20	10	10	0	3.30	=40
University of York	59.7	100	50	30	20	0	0	3.30	=40
Bath Spa University	12	35	50	25	25	0	0	3.25	=42
London South Bank University	15.6	30	50	25	25	0	0	3.25	=42
University of Chester	18.5	30	50	25	25	0	0	3.25	=42
University of Salford, The	13	15	50	25	25	0	0	3.25	=42
University of Winchester	14.06	100	25	75	0	0	0	3.25	=42
Loughborough University	138.7	100	38.9	44.4	16.7	0	0	3.22	47
Birkbeck College	55.1	100	20	80	0	0	0	3.20	48
London Business School	106.45	100	37.5	43.8	18.7	0	0	3.19	49
University of Bristol	76.55	100	25	66.7	8.3	0	0	3.17	=50
Glasgow Caledonian University	23.4	20	50	16.7	33.3	0	0	3.17	=50
University of Nottingham, The	134.7	100	38.9	38.9	22.2	0	0	3.17	=50
Heriot-Watt University	33.9	100	33.3	50	16.7	0	0	3.17	=50
The University of Bradford	34.6	65	33.3	50	16.7	0	0	3.17	=50
The University of Lancaster	186.94	100	30	55	15	0	0	3.15	55
Aston University	109.05	100	31.3	50	18.7	0	0	3.13	=56
University College London	38.6	100	37.5	37.5	25	0	0	3.13	=56
Swansea University / Prifysgol Abertawe	53.05	100	30	50	20	0	0	3.10	58
Coventry University	77	15	50	16.7	25	8.3	0	3.08	=59
Royal Holloway and Bedford New College	71.13	100	25	58.3	16.7	0	0	3.08	=59
The University of Essex	118.76	100	38.9	27.8	33.3	0	0	3.06	61
Bournemouth University	61.9	80	20	60	20	0	0	3.00	=62
Cardiff Metropolitan University / Prifysgol Metropolitan Caerdydd	27.8	25	0	100	0	0	0	3.00	=62
Edge Hill University	17	55	25	50	25	0	0	3.00	=62
The University of Hull	36.6	100	0	100	0	0	0	3.00	=62
University of Bedfordshire	8	15	25	50	25	0	0	3.00	=62
University of Brighton	30.45	35	33.3	33.4	33.3	0	0	3.00	=62
University of Greenwich	84.1	55	50	14.3	21.4	14.3	0	3.00	=62
University of Northumbria at Newcastle	158.9	75	27.8	50	16.6	5.6	0	3.00	=62
Bangor University / Prifysgol Bangor	21.7	100	16.7	66.6	16.7	0	0	3.00	=62
University of Newcastle upon Tyne	121.6	100	27.8	44.4	22.2	5.6	0	2.94	71
The University of Huddersfield	85.6	75	14.3	64.3	21.4	0	0	2.93	72
Nottingham Trent University	57.5	80	30	30	40	0	0	2.90	=73
University of Aberdeen	62.85	100	10	70	20	0	0	2.90	=73
University of the West of England, Bristol	50.5	25	30	30	40	0	0	2.90	=73
Queen's University of Belfast	68	100	16.7	50	33.3	0	0	2.83	=76
The University of Kent	71.8	100	25	50	8.3	16.7	0	2.83	=76
Sheffield Hallam University	24.9	15	33.3	33.4	16.6	16.7	0	2.83	=76
University of Lincoln	31.3	100	0	83.3	16.7	0	0	2.83	=76
University of Northampton, The	23	100	0	83.3	16.7	0	0	2.83	=76
De Montfort University	109.5	50	18.8	43.7	37.5	0	0	2.81	81

Institution name	FTE of submitted staff	% of eligible staff submitted	4*	3*	2*	1*	Unclassified	GPA	Impact Rank
Aberystwyth University / Prifysgol Aberystwyth	18.67	100	25	25	50	0	0	2.75	=82
Kingston University	48.7	65	37.5	12.5	37.5	12.5	0	2.75	=82
London Metropolitan University	11	100	0	75	25	0	0	2.75	=82
University of Wolverhampton	16	30	0	75	25	0	0	2.75	=82
Birmingham City University	23	20	0	66.7	33.3	0	0	2.67	=86
Goldsmiths' College	27	100	0	66.7	33.3	0	0	2.67	=86
Edinburgh Napier University	26.2	35	16.7	33.3	50	0	0	2.67	=86
University of Dundee	28.6	100	16.7	50	16.6	16.7	0	2.67	=86
University of Plymouth	31.5	100	16.7	33.3	50	0	0	2.67	=86
Oxford Brookes University	46.35	35	12.5	37.5	50	0	0	2.63	91
Leeds Beckett University	34.3	25	0	50	50	0	0	2.50	=92
Roehampton University	18.7	100	0	50	50	0	0	2.50	=92
University of East London	14.2	30	0	50	50	0	0	2.50	=92
University of Keele	17	80	0	50	50	0	0	2.50	=92
University of South Wales / Prifysgol De Cymru	20.6	30	0	50	50	0	0	2.50	=92
University of Worcester	15.2	65	0	50	50	0	0	2.50	=92
Brunel University London	72	100	25	16.7	16.6	41.7	0	2.25	=98
Queen Margaret University, Edinburgh	5.4	20	0	50	25	25	0	2.25	=98
Robert Gordon University	7.4	15	0	25	75	0	0	2.25	=98
The University of Cumbria	7.95	25	0	50	25	25	0	2.25	=98
York St John University	11.51	30	0	25	75	0	0	2.25	=98
University of Derby	33.9	30	16.7	16.6	33.4	33.3	0	2.17	=103
University of the West of Scotland	34.2	50	0	33.3	50	16.7	0	2.17	=103
Liverpool John Moores University	31.4	25	16.7	16.6	16.7	50	0	2.00	=105
University of Gloucestershire	7.4	95	0	25	50	25	0	2.00	=105
The University of Chichester	7	45	0	0	75	25	0	1.75	107
The University of Bolton	8	20	0	0	50	50	0	1.50	108

## BUSINESS AND MANAGEMENT UOA 17 - ENVIRONMENT GPA

Environment accounts for 15% of a provider's overall outcome. This element is aimed at assessing the "vitality" and "sustainability" of a HEI's research environment, and is based on a narrative submission alongside data on research income, research income in kind, and completed doctoral degrees.

Institution name	FTE of submitted staff	% of eligible staff submitted	4*	3*	2*	1*	Unclassified	GPA	Rank
Cardiff University / Prifysgol Caerdydd	172.35	100	100	0	0	0	0	4.00	=1
Imperial College of Science, Technology and Medicine	92.15	100	100	0	0	0	0	4.00	=1
The University of Lancaster	186.94	100	100	0	0	0	0	4.00	=1
King's College London	107.6	100	87.5	12.5	0	0	0	3.88	=4
London Business School	106.45	100	87.5	12.5	0	0	0	3.88	=4
The University of Bath	94.7	100	87.5	12.5	0	0	0	3.88	=4
The University of Leeds	144.53	100	87.5	12.5	0	0	0	3.88	=4
The University of Manchester	163.1	100	87.5	12.5	0	0	0	3.88	=4
The University of Warwick	158.15	100	87.5	12.5	0	0	0	3.88	=4
University of Cambridge	61.2	100	87.5	12.5	0	0	0	3.88	=4
University of Edinburgh	101.75	100	87.5	12.5	0	0	0	3.88	=4
City, University of London	124.55	85	75	25	0	0	0	3.75	=12
Loughborough University	138.7	100	75	25	0	0	0	3.75	=12
The University of Birmingham	141.15	100	75	25	0	0	0	3.75	=12
University of Durham	122.96	100	75	25	0	0	0	3.75	=12
University of Southampton	93.83	100	75	25	0	0	0	3.75	=12
University of Strathclyde	116.1	100	75	25	0	0	0	3.75	=12
The London School of Economics and Political Science	101.58	100	62.5	37.5	0	0	0	3.63	=18
The University of Liverpool	129	100	62.5	37.5	0	0	0	3.63	=18
University of Oxford	84.2	100	75	12.5	12.5	0	0	3.63	=18
Cranfield University	40.1	100	50	50	0	0	0	3.50	=21
Manchester Metropolitan University	78.65	25	50	50	0	0	0	3.50	=21
Queen Mary University of London	62.91	100	50	50	0	0	0	3.50	=21
Queen's University of Belfast	68	100	50	50	0	0	0	3.50	=21
The University of East Anglia	57.8	100	50	50	0	0	0	3.50	=21
The University of Leicester	99.2	100	50	50	0	0	0	3.50	=21
The University of Reading	100.75	100	50	50	0	0	0	3.50	=21
University of Glasgow	127.33	100	50	50	0	0	0	3.50	=21
University of York	59.7	100	50	50	0	0	0	3.50	=21
University of Sussex	105.85	100	37.5	62.5	0	0	0	3.38	30
Middlesex University	85.75	55	25	75	0	0	0	3.25	=31
Swansea University / Prifysgol Abertawe	53.05	100	25	75	0	0	0	3.25	=31
The Open University	71.61	60	25	75	0	0	0	3.25	=31
The University of Bradford	34.6	65	25	75	0	0	0	3.25	=31
The University of Sheffield	139.85	100	25	75	0	0	0	3.25	=31
University College London	38.6	100	50	25	25	0	0	3.25	=31
University of Exeter	79.1	100	37.5	50	12.5	0	0	3.25	=31

Institution name	FTE of submitted staff	% of eligible staff submitted	4*	3*	2*	1*	Unclassified	GPA	Rank
University of Nottingham, The	134.7	100	37.5	50	12.5	0	0	3.25	=31
University of Portsmouth	93.5	60	25	75	0	0	0	3.25	=31
University of St Andrews	33.5	100	25	75	0	0	0	3.25	=31
Aston University	109.05	100	37.5	37.5	25	0	0	3.13	=41
The University of Essex	118.76	100	12.5	87.5	0	0	0	3.13	=41
The University of Hull	36.6	100	25	62.5	12.5	0	0	3.13	=41
University of Bristol	76.55	100	12.5	87.5	0	0	0	3.13	=41
University of Newcastle upon Tyne	121.6	100	12.5	87.5	0	0	0	3.13	=41
Anglia Ruskin University Higher Education Corporation	17.3	30	12.5	75	12.5	0	0	3.00	=46
Birkbeck College	55.1	100	0	100	0	0	0	3.00	=46
Heriot-Watt University	33.9	100	25	50	25	0	0	3.00	=46
Royal Holloway and Bedford New College	71.13	100	12.5	75	12.5	0	0	3.00	=46
The University of Kent	71.8	100	12.5	75	12.5	0	0	3.00	=46
The University of Surrey	53.55	100	12.5	75	12.5	0	0	3.00	=46
University of Brighton	30.45	35	25	50	25	0	0	3.00	=46
University of Greenwich	84.1	55	12.5	75	12.5	0	0	3.00	=46
University of Ulster	34.4	80	12.5	75	12.5	0	0	3.00	=46
Coventry University	77	15	0	87.5	12.5	0	0	2.88	=55
University of Aberdeen	62.85	100	0	87.5	12.5	0	0	2.88	=55
Oxford Brookes University	46.35	35	12.5	50	37.5	0	0	2.75	=57
University of Dundee	28.6	100	0	75	25	0	0	2.75	=57
University of Northumbria at Newcastle	158.9	75	0	75	25	0	0	2.75	=57
University of Plymouth	31.5	100	12.5	50	37.5	0	0	2.75	=57
University of Stirling	56.65	95	0	75	25	0	0	2.75	=57
University of the West of England, Bristol	50.5	25	0	75	25	0	0	2.75	=57
Bangor University / Prifysgol Bangor	21.7	100	0	62.5	37.5	0	0	2.63	=63
Brunel University London	72	100	0	62.5	37.5	0	0	2.63	=63
School of Oriental and African Studies	19.5	100	0	62.5	37.5	0	0	2.63	=63
University of Lincoln	31.3	100	0	62.5	37.5	0	0	2.63	=63
Edinburgh Napier University	26.2	35	0	50	50	0	0	2.50	=67
Nottingham Trent University	57.5	80	12.5	37.5	37.5	12.5	0	2.50	=67
Roehampton University	18.7	100	0	50	50	0	0	2.50	=67
The University of Westminster	47.35	25	0	50	50	0	0	2.50	=67
University of Keele	17	80	0	50	50	0	0	2.50	=67
Bournemouth University	61.9	80	0	37.5	62.5	0	0	2.38	=72
Cardiff Metropolitan University / Prifysgol Metropolitan Caerdydd	27.8	25	0	37.5	62.5	0	0	2.38	=72
Kingston University	48.7	65	0	37.5	62.5	0	0	2.38	=72
University of Hertfordshire	26.9	15	0	37.5	62.5	0	0	2.38	=72
University of Wolverhampton	16	30	0	37.5	62.5	0	0	2.38	=72
Glasgow Caledonian University	23.4	20	0	25	75	0	0	2.25	=77
Goldsmiths' College	27	100	0	37.5	50	12.5	0	2.25	=77
London South Bank University	15.6	30	0	25	75	0	0	2.25	=77
Staffordshire University	9.1	100	0	25	75	0	0	2.25	=77

Institution name	FTE of submitted staff	% of eligible staff submitted	4*	3*	2*	1*	Unclassified	GPA	Rank
University of Central Lancashire	17	15	0	37.5	50	12.5	0	2.25	=77
University of Northampton, The	23	100	0	25	75	0	0	2.25	=77
Birmingham City University	23	20	0	12.5	87.5	0	0	2.13	=83
The University of Huddersfield	85.6	75	0	25	62.5	12.5	0	2.13	=83
Aberystwyth University / Prifysgol Aberystwyth	18.67	100	0	12.5	75	12.5	0	2.00	=85
De Montfort University	109.5	50	0	12.5	75	12.5	0	2.00	=85
Robert Gordon University	7.4	15	0	12.5	75	12.5	0	2.00	=85
Sheffield Hallam University	24.9	15	0	0	100	0	0	2.00	=85
University of Chester	18.5	30	0	0	100	0	0	2.00	=85
University of Derby	33.9	30	0	12.5	75	12.5	0	2.00	=85
University of the West of Scotland	34.2	50	0	12.5	75	12.5	0	2.00	=85
Bath Spa University	12	35	0	12.5	62.5	25	0	1.88	=92
Edge Hill University	17	55	0	12.5	62.5	25	0	1.88	=92
Leeds Beckett University	34.3	25	0	0	87.5	12.5	0	1.88	=92
London Metropolitan University	11	100	0	0	87.5	12.5	0	1.88	=92
University of East London	14.2	30	0	0	87.5	12.5	0	1.88	=92
Liverpool John Moores University	31.4	25	0	12.5	50	37.5	0	1.75	=97
Queen Margaret University, Edinburgh	5.4	20	0	0	75	25	0	1.75	=97
The University of Bolton	8	20	0	0	75	25	0	1.75	=97
University of Salford, The	13	15	0	0	75	25	0	1.75	=97
University of South Wales / Prifysgol De Cymru	20.6	30	0	12.5	50	37.5	0	1.75	=97
The University of Chichester	7	45	0	12.5	37.5	50	0	1.63	=102
The University of Cumbria	7.95	25	0	0	62.5	37.5	0	1.63	=102
University of Bedfordshire	8	15	0	0	62.5	37.5	0	1.63	=102
University of Gloucestershire	7.4	95	0	0	62.5	37.5	0	1.63	=102
University of Winchester	14.06	100	0	0	62.5	37.5	0	1.63	=102
York St John University	11.51	30	0	0	62.5	37.5	0	1.63	=102
University of Worcester	15.2	65	0	0	25	75	0	1.25	108

## BUSINESS AND MANAGEMENT UOA 17 - GPA TABLE

The following summary table enables comparison of relative performance across the various assessment criteria, highlighting areas of stronger and weaker performance and the diversity of strengths among providers.

Institution name	Overall GPA	Overall Rank	Output GPA	Output Rank	Impact GPA	Impact Rank	Environment GPA	Environment Rank
University of Cambridge	3.67	1	3.65	2	3.60	=12	3.88	=4
Imperial College of Science, Technology and Medicine	3.66	2	3.61	4	3.57	=14	4.00	=1
London Business School	3.62	3	3.73	1	3.19	49	3.88	=4
The London School of Economics and Political Science	3.56	4	3.62	3	3.38	=35	3.63	=18
The University of Warwick	3.51	=5	3.46	6	3.39	=33	3.88	=4
City, University of London	3.51	=5	3.40	8	3.61	=8	3.75	=12
The University of Bath	3.49	7	3.42	7	3.43	=31	3.88	=4
The University of Manchester	3.48	8	3.29	15	3.70	5	3.88	=4
King's College London	3.46	=9	3.33	=11	3.50	=16	3.88	=4
University of Exeter	3.46	=9	3.39	9	3.71	4	3.25	=31
University of Oxford	3.45	11	3.31	14	3.64	6	3.63	=18
The University of Leeds	3.42	12	3.23	18	3.61	=8	3.88	=4
University College London	3.41	13	3.57	5	3.13	=56	3.25	=31
The University of Lancaster	3.39	=14	3.33	=11	3.15	55	4.00	=1
The University of East Anglia	3.39	=14	3.32	13	3.50	=16	3.50	=21
University of Glasgow	3.39	=14	3.26	17	3.61	=8	3.50	=21
University of Edinburgh	3.38	=17	3.19	=20	3.50	=16	3.88	=4
The University of Liverpool	3.38	=17	3.27	16	3.50	=16	3.63	=18
Cardiff University / Prifysgol Caerdydd	3.33	=19	3.09	=32	3.50	=16	4.00	=1
The University of Surrey	3.33	=19	3.34	10	3.50	=16	3.00	=46
University of Durham	3.32	21	3.15	=24	3.50	=16	3.75	=12
The University of Birmingham	3.30	=22	3.13	28	3.45	30	3.75	=12
Queen Mary University of London	3.30	=22	3.12	29	3.60	=12	3.50	=21
University of Strathclyde	3.26	24	3.09	=32	3.39	=33	3.75	=12
The University of Sheffield	3.25	25	3.09	=32	3.61	=8	3.25	=31
University of Southampton	3.24	=26	2.97	=46	3.57	=14	3.75	=12
University of York	3.24	=26	3.15	=24	3.30	=40	3.50	=21
Loughborough University	3.23	=28	3.11	=30	3.22	47	3.75	=12
Cranfield University	3.23	=28	3.00	=43	3.63	7	3.50	=21
University of Sussex	3.23	=28	3.14	27	3.38	=35	3.38	30
University of St Andrews	3.23	=28	3.11	=30	3.50	=16	3.25	=31
University of Ulster	3.21	32	3.21	19	3.33	=38	3.00	=46
University of Bristol	3.18	33	3.18	22	3.17	=50	3.13	=41
The University of Reading	3.17	34	2.96	=48	3.50	=16	3.50	=21
The University of Leicester	3.16	=35	3.01	=41	3.38	=35	3.50	=21
University of Nottingham, The	3.16	=35	3.15	=24	3.17	=50	3.25	=31
Middlesex University	3.15	=37	2.87	60	3.79	1	3.25	=31
Anglia Ruskin University Higher Education Corporation	3.15	=37	3.05	38	3.50	=16	3.00	=46
The Open University	3.14	39	3.03	=39	3.33	=38	3.25	=31
Royal Holloway and Bedford New College	3.12	40	3.17	23	3.08	=59	3.00	=46

Institution name	Overall GPA	Overall Rank	Output GPA	Output Rank	Impact GPA	Impact Rank	Environment GPA	Environment Rank
School of Oriental and African Studies	3.11	41	2.96	=48	3.75	=2	2.63	=63
Aston University	3.09	42	3.06	37	3.13	=56	3.13	=41
Queen's University of Belfast	3.08	43	3.07	36	2.83	=76	3.50	=21
Manchester Metropolitan University	3.07	44	2.79	68	3.50	=16	3.50	=21
University of Newcastle upon Tyne	3.06	45	3.09	=32	2.94	71	3.13	=41
Swansea University / Prifysgol Abertawe	3.05	46	2.97	=46	3.10	58	3.25	=31
The University of Essex	3.04	47	3.01	=41	3.06	61	3.13	=41
The University of Bradford	3.03	48	2.92	=55	3.17	=50	3.25	=31
University of Portsmouth	3.02	=49	2.80	=65	3.43	=31	3.25	=31
Heriot-Watt University	3.02	=49	2.95	=52	3.17	=50	3.00	=46
Birkbeck College	2.99	=51	2.90	57	3.20	48	3.00	=46
Staffordshire University	2.99	=51	2.96	=48	3.50	=16	2.25	=77
The University of Kent	2.98	=53	3.03	=39	2.83	=76	3.00	=46
University of Stirling	2.98	=53	2.89	=58	3.30	=40	2.75	=57
University of Aberdeen	2.96	55	3.00	=43	2.90	=73	2.88	=55
The University of Westminster	2.94	56	2.71	=72	3.75	=2	2.50	=67
The University of Hull	2.92	=57	2.84	=62	3.00	=62	3.13	=41
Bangor University / Prifysgol Bangor	2.92	=57	2.96	=48	3.00	=62	2.63	=63
Roehampton University	2.91	59	3.19	=20	2.50	=92	2.50	=67
Coventry University	2.88	60	2.80	=65	3.08	=59	2.88	=55
Nottingham Trent University	2.86	61	2.92	=55	2.90	=73	2.50	=67
University of Plymouth	2.81	62	2.89	=58	2.67	=86	2.75	=57
University of Greenwich	2.80	63	2.68	76	3.00	=62	3.00	=46
University of Dundee	2.79	=64	2.85	61	2.67	=86	2.75	=57
University of Northumbria at Newcastle	2.79	=64	2.71	=72	3.00	=62	2.75	=57
University of Hertfordshire	2.79	=64	2.60	=78	3.50	=16	2.38	=72
Goldsmiths' College	2.79	=64	2.98	45	2.67	=86	2.25	=77
University of Lincoln	2.78	68	2.80	=65	2.83	=76	2.63	=63
University of Keele	2.77	69	2.95	=52	2.50	=92	2.50	=67
University of the West of England, Bristol	2.76	70	2.70	=74	2.90	=73	2.75	=57
Oxford Brookes University	2.75	71	2.81	64	2.63	91	2.75	=57
University of Brighton	2.73	72	2.55	85	3.00	=62	3.00	=46
Brunel University London	2.72	73	2.93	54	2.25	=98	2.63	=63
Glasgow Caledonian University	2.67	=74	2.56	=83	3.17	=50	2.25	=77
University of Central Lancashire	2.67	=74	2.42	91	3.50	=16	2.25	=77
The University of Huddersfield	2.64	=76	2.65	77	2.93	72	2.13	=83
University of Bedfordshire	2.64	=76	2.75	70	3.00	=62	1.63	=102
University of Salford, The	2.62	78	2.58	=81	3.25	=42	1.75	=97
Aberystwyth University / Prifysgol Aberystwyth	2.61	79	2.70	=74	2.75	=82	2.00	=85
Bournemouth University	2.60	=80	2.47	=89	3.00	=62	2.38	=72
Kingston University	2.60	=80	2.59	80	2.75	=82	2.38	=72
University of Wolverhampton	2.60	=80	2.60	=78	2.75	=82	2.38	=72
London South Bank University	2.60	=80	2.41	92	3.25	=42	2.25	=77
London Metropolitan University	2.60	=80	2.72	71	2.75	=82	1.88	=92



Institution name	Overall GPA	Overall Rank	Output GPA	Output Rank	Impact GPA	Impact Rank	Environment GPA	Environment Rank
University of Winchester	2.58	85	2.54	=86	3.25	=42	1.63	=102
Bath Spa University	2.57	86	2.47	=89	3.25	=42	1.88	=92
Robert Gordon University	2.56	=87	2.84	=62	2.25	=98	2.00	=85
Edge Hill University	2.56	=87	2.56	=83	3.00	=62	1.88	=92
Sheffield Hallam University	2.55	89	2.58	=81	2.83	=76	2.00	=85
University of Chester	2.54	90	2.38	=94	3.25	=42	2.00	=85
Edinburgh Napier University	2.53	91	2.49	88	2.67	=86	2.50	=67
De Montfort University	2.45	92	2.40	93	2.81	81	2.00	=85
University of Northampton, The	2.44	93	2.33	98	2.83	=76	2.25	=77
Cardiff Metropolitan University / Prifysgol Metropolitan Caerdydd	2.43	94	2.21	=103	3.00	=62	2.38	=72
Liverpool John Moores University	2.42	95	2.77	69	2.00	=105	1.75	=97
University of Derby	2.37	96	2.54	=86	2.17	=103	2.00	=85
Birmingham City University	2.36	97	2.29	101	2.67	=86	2.13	=83
University of East London	2.30	98	2.31	=99	2.50	=92	1.88	=92
University of South Wales / Prifysgol De Cymru	2.27	99	2.31	=99	2.50	=92	1.75	=97
University of Worcester	2.24	100	2.37	=96	2.50	=92	1.25	108
Leeds Beckett University	2.23	=101	2.21	=103	2.50	=92	1.88	=92
York St John University	2.23	=101	2.38	=94	2.25	=98	1.63	=102
University of Gloucestershire	2.17	103	2.37	=96	2.00	=105	1.63	=102
Queen Margaret University, Edinburgh	2.16	104	2.22	102	2.25	=98	1.75	=97
University of the West of Scotland	2.14	105	2.17	105	2.17	=103	2.00	=85
The University of Cumbria	2.10	106	2.15	106	2.25	=98	1.63	=102
The University of Chichester	1.75	107	1.78	107	1.75	107	1.63	=102
The University of Bolton	1.51	108	1.45	108	1.50	108	1.75	=97

## RUSSELL GROUP, UOA 17, OVERALL GPA

Institution name	FTE of submitted staff	% of eligible staff submitted	4*	3*	2*	1*	Unclassified	GPA	2021 Rank	2014 Rank	Change
University of Cambridge	61.2	100	73	21	6	0	0	3.67	1	2	▲1
Imperial College of Science, Technology and Medicine	92.15	100	70	27	2	1	0	3.66	2	3	▲1
The London School of Economics and Political Science	101.58	100	60	36	4	0	0	3.56	4	1	▼-3
The University of Warwick	158.15	100	55	41	4	0	0	3.51	=5	12	▲7
The University of Manchester	163.1	100	58	33	8	1	0	3.48	8	=18	▲10
King's College London	107.6	100	53	40	7	0	0	3.46	=9	=14	▲5
University of Exeter	79.1	100	54	38	8	0	0	3.46	=9	=39	▲30
University of Oxford	84.2	100	59	29	10	2	0	3.45	11	4	▼-7
The University of Leeds	144.53	100	53	37	9	1	0	3.42	12	9	▼-3
University College London	38.6	100	54	33	13	0	0	3.41	13	=22	▲9
University of Glasgow	127.33	100	45	49	6	0	0	3.39	=14	=45	▲31
The University of Liverpool	129	100	47	44	9	0	0	3.38	=17	=31	▲14
University of Edinburgh	101.75	100	49	40	11	0	0	3.38	=17	21	▲4
Cardiff University / Prifysgol Caerdydd	172.35	100	45	44	10	1	0	3.33	=19	6	▼-13
University of Durham	122.96	100	45	43	11	1	0	3.32	21	20	▼-1
Queen Mary University of London	62.91	100	41	49	9	1	0	3.3	=22	=39	▲17
The University of Birmingham	141.15	100	45	41	13	1	0	3.3	=22	=41	▲19
The University of Sheffield	139.85	100	35	55	10	0	0	3.25	25	=14	▼-11
University of Southampton	93.83	100	41	44	14	0	1	3.24	=26	33	▲7
University of York	59.7	100	39	46	15	0	0	3.24	=26	=36	▲10
University of Bristol	76.55	100	32	56	11	0	1	3.18	33	=24	▼-9
University of Nottingham, The	134.7	100	35	47	17	1	0	3.16	=35	=31	▼-4
Queen's University of Belfast	68	100	27	54	19	0	0	3.08	43	=34	▼-9
University of Newcastle upon Tyne	121.6	100	27	54	17	2	0	3.06	45	=51	▲6

## UNIVERSITY ALLIANCE, UOA 17, OVERALL GPA

Institution name	FTE of submitted staff	% of eligible staff submitted	4*	3*	2*	1*	Unclas-sified	GPA	2021 Rank	2014 Rank	Change
Anglia Ruskin University Higher Education Corporation	17.3	30	34	47	19	0	0	3.15	=37	=74	▲37
Middlesex University	85.75	55	34	49	15	2	0	3.15	=37	=51	▲14
Coventry University	77	15	21	49	27	3	0	2.88	60	=68	▲8
University of Greenwich	84.1	55	23	41	29	7	0	2.8	63	90	▲27
University of Hertfordshire	26.9	15	17	48	32	3	0	2.79	=64	92	▲28
University of the West of England, Bristol	50.5	25	15	49	33	3	0	2.76	70	62	▼-8
Oxford Brookes University	46.35	35	14	48	37	1	0	2.75	71	=56	▼-15
University of Brighton	30.45	35	19	38	40	3	0	2.73	72	=41	▼-31
Kingston University	48.7	65	15	36	43	6	0	2.6	=80	47	▼-33
University of Derby	33.9	30	10	32	44	13	1	2.37	96	93	▼-3
Birmingham City University	23	20	1	41	51	7	0	2.36	97	=74	▼-23
University of South Wales / Prifysgol De Cymru	20.6	30	0	36	55	9	0	2.27	99	99	►0
Leeds Beckett University	34.3	25	0	33	57	10	0	2.23	=101	94	▼-7

It is important to note that University Alliance member Teesside University did not make a submission in UoA 17 for REF 2021.

## MILLIONPLUS, UOA 17, OVERALL GPA

Institution name	FTE of submitted staff	% of eligible staff submitted	4*	3*	2*	1*	Unclas-sified	GPA	2021 Rank	2014 Rank	Change
Staffordshire University	9.1	100	28	43	29	0	0	2.99	=51	80	▲29
Glasgow Caledonian University	23.4	20	16	39	41	4	0	2.67	=74	84	▲10
University of Central Lancashire	17	15	18	41	31	10	0	2.67	=74	=76	▲2
University of Bedfordshire	8	15	9	52	33	6	0	2.64	=76	78	▲2
London Metropolitan University	11	100	11	44	39	6	0	2.6	=80	82	▲2
London South Bank University	15.6	30	13	34	53	0	0	2.6	=80	96	▲16
University of Wolverhampton	16	30	9	45	43	3	0	2.6	=80	91	▲11
Bath Spa University	12	35	14	39	37	10	0	2.57	86	N/A	N/A
Robert Gordon University	7.4	15	9	40	49	2	0	2.56	=87	=65	▼-22
Edinburgh Napier University	26.2	35	11	36	48	5	0	2.53	91	71	▼-20
University of East London	14.2	30	2	36	52	10	0	2.3	98	87	▼-11
Queen Margaret University, Edinburgh	5.4	20	0	30	56	14	0	2.16	104	N/A	N/A
University of the West of Scotland	34.2	50	4	26	51	18	1	2.14	105	85	▼-20
The University of Cumbria	7.95	25	0	31	48	21	0	2.1	106	79	▼-27
The University of Bolton	8	20	0	0	51	49	0	1.51	108	N/A	N/A

It is important to note that MillionPlus members The University of Sunderland, Abertay University, University of the Highlands and Islands, Solent University, Canterbury Christ Church University, Leeds Trinity University, and University for the Creative Arts did not make submissions in UoA 17 for REF 2021.

## NON-AFFILIATED, UOA 17, OVERALL GPA

Institution name	FTE of submitted staff	% of eligible staff submitted	4*	3*	2*	1*	Unclassified	GPA	2021 Rank	2014 Rank	Change
London Business School	106.45	100	70	23	6	1	0	3.62	3	5	▲2
City, University of London	124.55	85	59	33	8	0	0	3.51	=5	7	▲2
The University of Bath	94.7	100	56	37	7	0	0	3.49	7	8	▲1
The University of East Anglia	57.8	100	46	47	7	0	0	3.39	=14	17	▲3
The University of Lancaster	186.94	100	49	41	10	0	0	3.39	=14	11	▼-3
The University of Surrey	53.55	100	43	47	10	0	0	3.33	=19	53	▲34
University of Strathclyde	116.1	100	42	42	16	0	0	3.26	24	10	▼-14
Cranfield University	40.1	100	40	45	14	0	1	3.23	=28	=22	▼-6
Loughborough University	138.7	100	37	49	14	0	0	3.23	=28	=26	▼-2
University of St Andrews	33.5	100	35	53	12	0	0	3.23	=28	13	▼-15
University of Sussex	105.85	100	39	47	13	0	1	3.23	=28	=36	▲8
University of Ulster	34.4	80	31	59	10	0	0	3.21	32	=26	▼-6
The University of Reading	100.75	100	33	53	12	2	0	3.17	34	16	▼-18
The University of Leicester	99.2	100	32	55	11	1	1	3.16	=35	=54	▲19
The Open University	71.61	60	32	51	16	1	0	3.14	39	=34	▼-5
Royal Holloway and Bedford New College	71.13	100	30	52	18	0	0	3.12	40	29	▼-11
School of Oriental and African Studies	19.5	100	32	49	17	2	0	3.11	41	60	▲19
Aston University	109.05	100	32	46	21	1	0	3.09	42	=18	▼-24
Manchester Metropolitan University	78.65	25	31	47	20	2	0	3.07	44	61	▲17
Swansea University / Prifysgol Abertawe	53.05	100	25	55	20	0	0	3.05	46	30	▼-16
The University of Essex	118.76	100	27	51	21	1	0	3.04	47	38	▼-9
The University of Bradford	34.6	65	24	57	17	2	0	3.03	48	44	▼-4
Heriot-Watt University	33.9	100	25	53	21	1	0	3.02	=49	48	▼-1
University of Portsmouth	93.5	60	24	55	20	1	0	3.02	=49	=49	►0
Birkbeck College	55.1	100	17	66	16	1	0	2.99	=51	=68	▲17
The University of Kent	71.8	100	23	57	15	5	0	2.98	=53	=41	▼-12
University of Stirling	56.65	95	26	49	22	3	0	2.98	=53	=26	▼-27
University of Aberdeen	62.85	100	16	65	18	1	0	2.96	55	=24	▼-31
The University of Westminster	47.35	25	28	38	34	0	0	2.94	56	86	▲30
Bangor University / Prifysgol Bangor	21.7	100	17	61	20	1	1	2.92	=57	=45	▼-12
The University of Hull	36.6	100	13	66	21	0	0	2.92	=57	=63	▲6
Roehampton University	18.7	100	20	51	29	0	0	2.91	59	88	▲29
Nottingham Trent University	57.5	80	24	41	32	3	0	2.86	61	=56	▼-5
University of Plymouth	31.5	100	17	47	36	0	0	2.81	62	70	▲8
Goldsmiths' College	27	100	17	47	34	2	0	2.79	=64	N/A	N/A
University of Dundee	28.6	100	15	54	26	5	0	2.79	=64	83	▲19
University of Northumbria at Newcastle	158.9	75	15	53	28	4	0	2.79	=64	=63	▼-1
University of Lincoln	31.3	100	10	60	28	2	0	2.78	68	=56	▼-12
University of Keele	17	80	11	55	34	0	0	2.77	69	=76	▲7
Brunel University London	72	100	19	45	25	11	0	2.72	73	=65	▼-8

Institution name	FTE of submitted staff	% of eligible staff submitted	4*	3*	2*	1*	Unclassified	GPA	2021 Rank	2014 Rank	Change
The University of Huddersfield	85.6	75	12	45	38	5	0	2.64	=76	72	▼-4
University of Salford, The	13	15	14	43	34	9	0	2.62	78	=54	▼-24
Aberystwyth University / Prifysgol Aberystwyth	18.67	100	14	35	49	2	0	2.61	79	67	▼-12
Bournemouth University	61.9	80	11	48	34	4	3	2.6	=80	=56	▼-24
University of Winchester	14.06	100	11	45	35	9	0	2.58	85	N/A	N/A
Edge Hill University	17	55	10	44	38	8	0	2.56	=87	N/A	N/A
Sheffield Hallam University	24.9	15	14	38	38	9	1	2.55	89	81	▼-8
University of Chester	18.5	30	19	25	47	9	0	2.54	90	98	▲8
De Montfort University	109.5	50	10	36	45	7	2	2.45	92	=49	▼-43
University of Northampton, The	23	100	2	45	48	5	0	2.44	93	95	▲2
Cardiff Metropolitan University / Prifysgol Metropolitan Caerdydd	27.8	25	3	44	46	7	0	2.43	94	N/A	N/A
Liverpool John Moores University	31.4	25	11	40	29	20	0	2.42	95	N/A	N/A
University of Worcester	15.2	65	5	30	49	16	0	2.24	100	97	▼-3
York St John University	11.51	30	2	31	55	12	0	2.23	=101	100	▼-1
University of Gloucestershire	7.4	95	0	35	47	18	0	2.17	103	N/A	N/A
The University of Chichester	7	45	0	5	65	30	0	1.75	107	N/A	N/A



40 Queen Street  
London  
EC4R 1DD  
Tel: 020 7236 7678  
[charteredabs.org](http://charteredabs.org)