

GLOBAL RANKINGS OF UNIVERSITIES

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Why world rankings?

- Higher education becoming more global
- Knowledge the key driver of international competitiveness
- Increasing desire for comparative information
- Unique position of the THES as international and independent

World University Rankings

- QS poll of 2,375 academics in 88 countries:
40% weighting
- QS poll of 333 employers:
10% weighting
- Students per member of academic staff:
20% weighting
- Research citations per faculty member:
20% weighting
- Proportion of international students:
5% weighting
- Proportion of international staff:
5% weighting

Peer Review

- Peer review is the way academic value is measured
- We decided to make it the centrepiece of this ranking
- International spread
- Subject spread
- Active academics

The question

- Online survey
- The top universities in the topics they know about
 - Arts and humanities
 - Social sciences
 - Science
 - Biomedicine
 - Technology

Employers

- Another group who know about university quality
- Innovation in 2005
- Mainly private sector
- Expanding range and total for 2006

Quantitative measures

- Aim to measure universities in terms of
 - Research commitment
 - Teaching commitment
 - International commitment

Citations

- Classic measure of research quality
- Citations per staff member (not per paper)
- Source: ESI from Thomson
- Consultant: Evidence Ltd



Staff/student ratio

- Proxy for commitment to teaching
- Danger of inconsistency
- QS supplementing published statistics

How international?

- Two criteria rated at 5 per cent each
- Staff
- Students
- further collection difficulties
- complications over length of courses
- minor influence on ranking

Shanghai Jiao Tong criteria

- Alumni winning Nobel Prizes and Fields Medals:
10% weighting
- Staff winning Nobel Prizes and Fields Medals:
20% weighting
- Research citations in 21 areas:
20% weighting
- Articles published in Nature and Science:
Size: 20% weighting
- Articles in Science Citation Index and Social Science Citation Index: 20% weighting
- Weighted scores divided by full-time equivalent staff:
10% weighting

Comparing the results

- THES/QS
 1. Harvard
 2. MIT
 3. Cambridge
 4. Oxford
 5. Stanford
 6. Berkeley
 7. Yale
 8. Caltech
 9. Princeton
 10. Ecole Poly.
- SHANGHAI
 1. Harvard
 2. Cambridge
 3. Stanford
 4. Berkeley
 5. MIT
 6. Caltech
 7. Columbia
 8. Princeton
 9. Chicago
 10. Oxford

Where are the top universities?

	TOP 20	TOP 50	TOP 100
• N. America	12 (11)	23 (23)	35 (38)
• Europe	5 (5)	13 (13)	37 (37)
• Asia/Australia	3 (4)	14 (14)	28 (25)
• USA	12 (11)	20 (20)	31 (35)
• UK	4 (4)	8 (8)	13 (14)
• Australia	1 (1)	6 (6)	12 (11)

2004 figures in brackets

Consistency of results

- 2004
 1. Harvard
 2. Berkeley
 3. MIT
 4. Caltech
 5. Oxford
 6. Cambridge
 7. Stanford
 8. Yale
 9. Princeton
 10. ETH Zurich
- 2005
 1. Harvard
 2. MIT
 3. Cambridge
 4. Oxford
 5. Stanford
 6. Berkeley
 7. Yale
 8. Caltech
 9. Princeton
 10. Ecole Poly.

Europe

- 2005
- 1. Cambridge
- 2. Oxford
- 3. Ecole Polytechnique
- 4. LSE
- 5. Imperial
- 6. ETH Zurich
- 7. Ecole Normale Supérieure
- 8. UCL
- 9. Edinburgh
- 10. Lausanne

Science subjects

- SCIENCE

1. Cambridge
2. Oxford
3. Berkeley
4. Harvard
5. MIT
6. Princeton
7. Stanford
8. Tokyo
9. Caltech
10. Imperial

- ENGINEERING

1. MIT
2. Berkeley
3. IIT (India)
4. Stanford
5. Imperial
6. Cambridge
7. Caltech
8. Tokyo
9. NUS
10. Beijing

- BIOMEDICINE

1. Harvard
2. Cambridge
3. Oxford
4. Karolinska
5. Stanford
6. Imperial
7. Johns Hopkins
8. Beijing
9. Berkeley
10. Melbourne

Arts subjects

- HUMANITIES

1. Harvard
2. Oxford
3. Cambridge
4. Berkeley
5. Yale
6. Beijing
7. Princeton
8. Melbourne
9. LSE
10. ANU

- SOCIAL SCIENCES

1. Harvard
2. LSE
3. Oxford
4. Berkeley
5. Stanford
6. Yale
7. MIT
8. Cambridge
9. Chicago
10. Princeton

Current developments

- Additional data – academics and employers
- More global reach, eg in Africa
- Discussions with expert groups
- Top Universities Guide
 - 500 institutions
 - Profiles of the top 100
 - Advice and analysis

Further possibilities

- Entry standards?
- Graduate destinations?
- PhDs (staff and/or students)?
- Academic prizes?
- Your suggestions...