Inside the 2019 THE World University Rankings
&
Reputation data and Generation Z

Zainab Malik, Head of Consultancy, THE
Michael Lubacz, Brand Director, THE
The 2019 results
<table>
<thead>
<tr>
<th>Rank 2019</th>
<th>Rank 2018</th>
<th>Institution</th>
<th>Country/region</th>
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<td>=3</td>
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<td>Country/region</td>
<td>Number of institutions in top 200</td>
<td>Top institution</td>
<td>Rank</td>
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<tr>
<td>Ranking within Asia-Pacific Institution (Country/region)</td>
<td>Global ranking</td>
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<td>1. Tsinghua University (China)</td>
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<td>7. Hong Kong University of Science and Technology (Hong Kong)</td>
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<td>8. Australian National University (Australia)</td>
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<td>9. Nanyang Technological University, Singapore (Singapore)</td>
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<td>10. Chinese University of Hong Kong (Hong Kong)</td>
<td>(58) 55</td>
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Source: Times Higher Education
A word about methodology
Understanding universities across the world

Young Universities

Subjects
- Arts and Humanities
- Social Sciences
- Business and Economics
- Clinical and Medical
- Life Sciences
- Physical Sciences
- Engineering
- Computer Sciences
- Psychology
- Law
- Education

Geographical
- Asia
- Europe
- Latin America
- Emerging Economies
- Asia Pacific
- Arab World

Reputation

Impact and Innovation
April 2019

Europe Teaching Rankings
The data for the World University Ranking

Performance data
1643 Universities

Reputation data
173,037 Votes

Bibliometric data
Elsevier
Inclusion criteria

• More than 1,000 papers with a lower limit of 150 per year

• Teach undergraduates

• No single subject more than 80% of staff
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<tbody>
<tr>
<td>Number of universities ranked up</td>
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</tbody>
</table>
Data flows

Portal

Reputation Survey

Scopus

Doctorates to Academic Staff ratio
Doctorates to Bachelor degree ratio
Field Weighted Citations
Income to Academic Staff ratio
Industry Research Income to Academic Staff ratio
International to Domestic staff ratio
International to Domestic student ratio
Papers to Academic Staff ratio
Publications with at least one international author
Research Income to Academic Staff ratio
Research Reputation
Staff to Student ratio
Teaching Reputation

Citations
Industry Income
International Outlook
Research
Teaching
Ranking
New countries

- University of Dar es Salaam (Tanzania)
- University of Baghdad (Iraq)
- Tribhuvan University (Nepal)
- The University of the West Indies (Jamaica)
- Al-Farabi Kazakh National University
  - L.N. Gumilyov Eurasian National University (Kazakhstan)
Methodology changes 2019

• Increased number of universities in World University Ranking

• Widened criteria for subject rankings
Insights - Country-level results
Overall performance 2019
Teaching and Industry Income (n>5)
Research and Citations (n>5)
Internationalisation
Insights - China
A (few) quick note(s) on China

• Maturing higher education system
• Growth in the Times Higher Education World University Rankings
• Significant increase in research production and quality
• Drastic funding change
Mobility and enrolments in China

Exports: student sources
Growth in outbound students (000s), 2015-27: top five

Up and downs: countries with largest rises and falls in tertiary enrolment
Increasing and decreasing tertiary enrolment (000s), 2015-27: top five

- Poland
- India
- Germany
- China
- Brazil
- Indonesia
- US
- Ethiopia
- South Korea
- Nigeria

Source: Unesco, Oxford Economics, British Council
The rise of China from 40 Universities to 72
Scholarly output: US, UK, Germany, India and Australia

Source: Elsevier
Scholarly output: US, UK, Germany, India, Australia and China

Source: Elsevier
Percentage of publications that are highly cited: Elite university groupings

Source: Elsevier
Percentage of publications that are highly cited: Elite university groupings

Source: Elsevier
Rapid growth in budget of the National Natural Science Foundation of China.

Funding has increased 360 times in 31 years.

Now stands at 28 billion RMB (£3.2 billion).
THE
Insights – Australia & China
Changes in performance: China
Changes in performance: Australia
Reputation and citations

China Overall SWOT

- Threat
- Strength
- Weakness
- Opportunities

Research Reputation

Citation
Reputation and citations
Insights – Internationalisation
World distribution
World vs. Australia
International publications vs. FWCI

R = 0.683082

Excluding the USA

Source: Elsevier
Thank you!