



2016 FACT FILE

Mahidol University

This file and its content are under embargo until 14 June 2016 at 00:00 GMT.

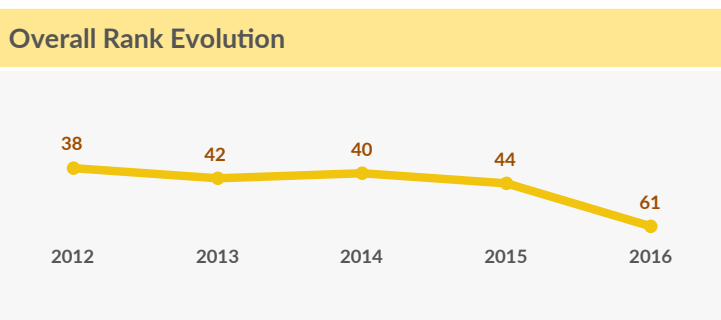


Mahidol University Thailand

| | | | | |
|--------------------------|---------------------------------|----------------|-------------------|---------------------|
| Focus: Comprehensive+ | Research Intensity: Moderate | Size: Large | Status: Public | Age Band: Mature |
|--------------------------|---------------------------------|----------------|-------------------|---------------------|

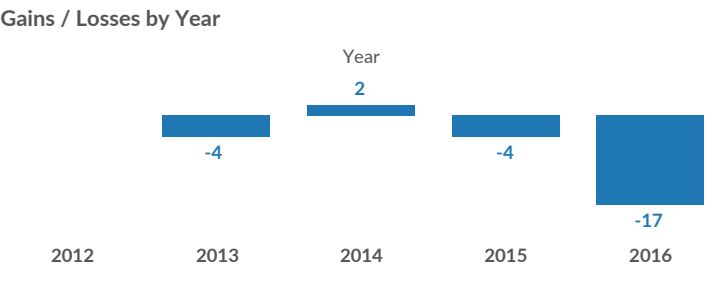
2016 Overall Rank in Asia

61



Overall Score

62.5/100



Since its first appearance in the rankings, **Mahidol University** moved down 23 places.

VALIDATED DATA

This is the underlying data we used for rankings calculations. If you spot any mistake, please, contact us as soon as possible at rankings@qs.com.

| Students & Faculty Staff | |
|--------------------------|--------|
| Faculty Staff | 3,735 |
| Staff with PhD | 2,239 |
| Total Students | 28,491 |
| Graduate Students | 8,910 |
| Undergraduate Students | 19,581 |
| International Faculty | 202 |
| International Students | 969 |
| Inbound Exchange | 596 |
| Outbound Exchange | 596 |

The figures above are full time equivalent (FTE). In those cases where only the headcounts were available, the FTE was calculated using country or regional averages.

| Ratios | |
|--|-------|
| Citations per Paper (normalized) | 3.0 |
| Papers per Faculty (normalized) | 2.1 |
| Faculty per 100 Students | 13.1 |
| Proportion of Staff with PhD | 59.9% |
| Inbound Exchange Ratio Per 100 Students | 2.1 |
| Outbound Exchange Ratio Per 100 Students | 2.1 |

| Research Output - Papers and Citations | |
|--|--------|
| Overall Research Output | |
| Papers | 9,135 |
| Papers (Normalized) | 7,703 |
| Citations | 44,111 |
| Citations (Excluding Self-Citations) | 34,842 |
| Citations (Normalized) | 23,355 |

| Research Output by Faculty Area | | |
|---------------------------------|--------|-----------|
| | Papers | Citations |
| Arts & Humanities | 58 | 86 |
| Engineering & Technology | 1,262 | 1,914 |
| Life Sciences & Medicine | 7,263 | 31,384 |
| Natural Sciences | 1,325 | 3,739 |
| Social Sciences & Management | 497 | 723 |

The research data used for the rankings is provided by Scopus. Self-citations are excluded. Five years of records are considered, comprising the 2010-2014 period for the 2016 rankings. Since 2015, QS normalizes the paper and citation counts, ensuring that citations achieved in each of the five broad faculty areas are equally weighted.

PERFORMANCE BY INDICATOR - YEAR 2016

| | |
|----------------------------|------|
| Academic Reputation | 77.2 |
| Employer Reputation | 56.7 |
| Faculty Student | 90.0 |
| Citations per Paper | 55.6 |
| Papers per Faculty | 13.6 |
| Staff with PhD | 48.1 |
| Inbound Exchange Students | 23.2 |
| International Faculty | 25.0 |
| International Students | 18.9 |
| Outbound Exchange Students | 24.2 |

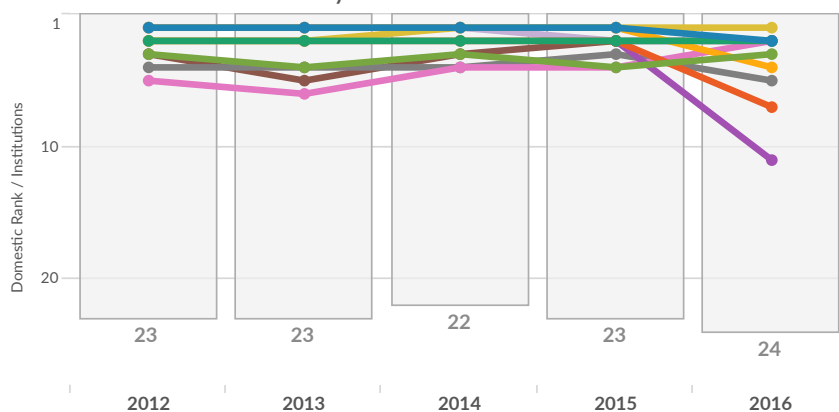
Ranks by Indicator

| | |
|----------------------------|------|
| Academic Reputation | 44 |
| Employer Reputation | 89 |
| Faculty Student | 47 |
| Citations per Paper | 160 |
| Papers per Faculty | 201+ |
| Staff with PhD | 199 |
| Inbound Exchange Students | 87 |
| International Faculty | 152 |
| International Students | 163 |
| Outbound Exchange Students | 94 |

Empty records are due to missing data or a performance below the publication threshold for each indicator.

DOMESTIC PERFORMANCE

Performance of Mahidol University in Thailand



The number at the bottom of the bar chart represents those institutions from Thailand evaluated in each year. The lines depict the rank of Mahidol University in the country.

- Overall
- Academic Reputation
- Employer Reputation
- Faculty Student
- Citations per Paper
- Papers per Faculty
- Staff with PhD
- Inbound Exchange Students
- International Faculty
- International Students
- Outbound Exchange Students

Mahidol University - Rank in Thailand - Evolution by Indicator

| | 2012 | 2013 | 2014 | 2015 | 2016 |
|----------------------------|------|------|------|------|------|
| Overall | 1 | 1 | 1 | 1 | 2 |
| Academic Reputation | 2 | 2 | 2 | 2 | 2 |
| Citations per Paper | 1 | 1 | 1 | 1 | 4 |
| Employer Reputation | 3 | 4 | 3 | 4 | 3 |
| Faculty Student | 2 | 2 | 1 | 1 | 1 |
| Papers per Faculty | 2 | 2 | 2 | 2 | 7 |
| Staff with PhD | - | - | - | 2 | 11 |
| Inbound Exchange Students | 5 | 6 | 4 | 4 | 2 |
| International Faculty | 4 | 4 | 4 | 3 | 5 |
| International Students | 1 | 1 | 1 | 2 | 2 |
| Outbound Exchange Students | 3 | 5 | 3 | 2 | 2 |

Institutions Evaluated by Year - Thailand

| | |
|------|----|
| 2012 | 23 |
| 2013 | 23 |
| 2014 | 22 |
| 2015 | 23 |
| 2016 | 24 |

Green colours indicate better results.

METHODOLOGY REFINEMENTS

The 2016 edition of the Asian rankings includes significant methodological improvements. The original spirit of this initiative, which was to measure universities according to their ability to meet unique challenges, has not changed.

Extension to 5 years of the period considered in the reputation surveys

As is the case in the QS World University Rankings, five years of responses are now aggregated for both the academic and employer reputation indicators, and not only three, as in previous years. The three most recent years are considered at 100%, while the oldest ones are weighted at 25% and 50%, respectively. This change provides even more stability for the results.

Normalization of papers and citations indexed by Scopus

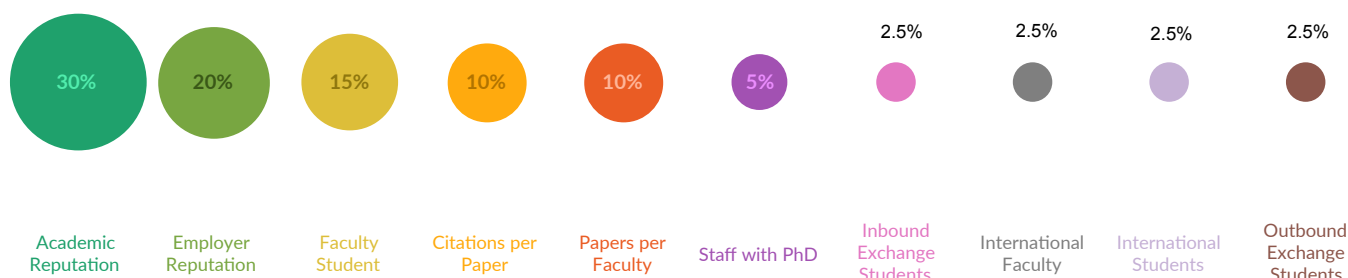
In previous years, those institutions with strong focus in Life Sciences & Medicine and, to a lesser extent, Natural Sciences, had an advantage in terms of research output and impact. Since 2015, QS has adopted an approach to normalize publication and citation data across the five considered faculty areas (Arts & Humanities, Engineering & Technology, Life Sciences & Medicine, Natural Sciences, and Social Sciences & Management).

A technical explanation can be found here: <http://bit.ly/1RbERtx>

Exclusion of papers with a high number of affiliations

A new affiliation cap has been applied, excluding any paper with more than a given number of affiliations. This variable cap is calculated individually for each subject, excluding all papers for which the number of affiliated institutions cited in a paper is higher than the one cited by 99.9% of all research in the given field. The proportion of excluded papers is 0.1% globally.

INDICATORS - WEIGHTINGS & DEFINITIONS



| | | | |
|--|---|---|---|
| <p>Academic Reputation Taken from the annual survey conducted by QS designed to evaluate the perceptions of academics from around the world regarding the best institutions in terms of research. In 2016, nearly 77,000 responses were recorded globally.</p> | <p>Inbound Exchange Students Total number of students attending your university on international exchange programs for at least 1 semester in the last annual reporting period.</p> | <p>International Faculty The International Faculty Index is simply based on the proportion of faculty members that are international. It is a proxy measure for how internationally attractive the university is to academic staff. Universities based in locations known for attracting high proportions of expatriates perform well here such as those in Hong Kong, Switzerland and UAE</p> | <p>International Students Similar in nature to the International Faculty Index, the International Students Index is based on the proportion of students that are international. It is a proxy measure for how internationally attractive the university is to students. Attracting international faculty and students can be challenging for institutions that are more nationally or regionally focussed, hence we reduce the weighting of both internationalisation measures from 5% each in the World Rankings to 2.5%.</p> |
| <p>Citations per Paper This ratio measures the average number of citations obtained per publication, and is an estimate of the impact and quality of the scientific work done by universities. Data indexed by Scopus is also used. To avoid anomalous results, only the institutions producing more than 150 papers in the last five years are evaluated. The paper and citation counts are normalized, ensuring that citations achieved in each of the five broad faculty areas are weighted equally.</p> | <p>Outbound Exchange Students The International Student Index is simply based on the proportion of students that are international.</p> | <p>Staff with PhD This indicator attempts to assess the quality of training of the academic staff, detecting the proportion of them that have reached the highest level of education in their area of expertise. This is an indirect measure of the commitment of universities to high-quality teaching and research.</p> | |
| <p>Employer Reputation Taken from the annual QS survey aimed at gathering the views of employers around the world on the institutions providing the best professionals. In 2016, about 44,200 responses were analysed.</p> | <p>Papers per Faculty This indicator seeks to determine the average number of scientific publications (papers) produced per faculty and evaluates the productivity of research institutions. Data is extracted from Scopus (www.scopus.com). Indexed papers in the last five full years are used (from 2010 to 2014 for the 2016 edition). The paper count is normalized, ensuring that citations achieved in each of the five broad faculty areas are weighted equally.</p> | | |
| <p>Faculty Student This is the ratio between the number of academic staff and number of students. A higher number of teachers per student is an indirect indicator of the commitment of the institutions to high-quality teaching.</p> | | | |

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RESEARCH & ANALYSIS TEAM**

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