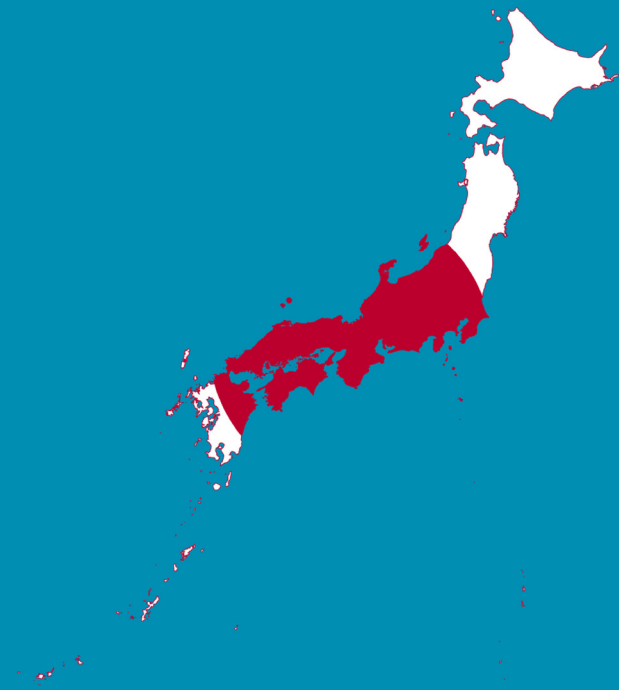


U-MULTIRANK 2021

Japanese Universities in Global Comparison



U-MULTIRANK 2021

U-Multirank is a unique, multi-dimensional and international ranking of higher education institutions. It compares university performance across teaching and learning, research, knowledge transfer, international orientation and regional engagement. It is the largest and most inclusive ranking showcasing the diversity in higher education around the world. It is not a league table and does not use composite indicators, nor reputation weights. Therefore, there is no one best university in U-Multirank. The performance of a university is presented with individual scores – graded from 'A' (very good) to 'E' (weak) across the different areas.

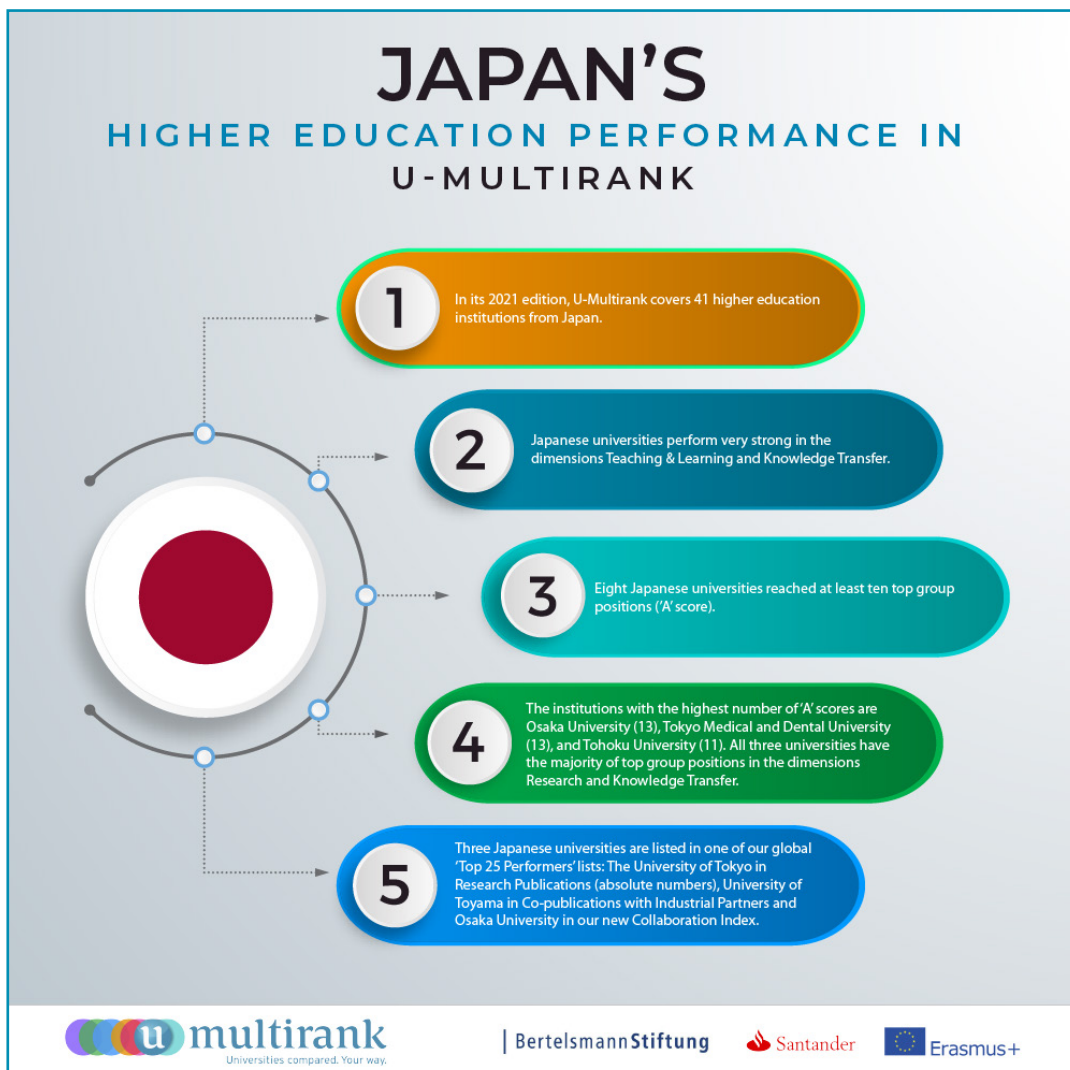
U-Multirank's 2021 edition presents data on 41 Japanese higher education institutions. For the full list of all universities from Japan included in U-Multirank, please visit our [website](#).

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AT A GLANCE: HOW DO JAPANESE UNIVERSITIES FARE IN U-MULTIRANK?

- In its 2021 edition, U-Multirank covers 41 higher education institutions from Japan.
- Japanese universities perform very strong in the dimensions Teaching & Learning and Knowledge Transfer.
- Eight Japanese universities reached at least ten top group positions ('A' score).
- The institutions with the highest number of 'A' scores are Osaka University (13), Tokyo Medical and Dental University (13), and Tohoku University (11). All three universities have the majority of top group positions in the dimensions Research and Knowledge Transfer.
- Three Japanese universities are listed in one of our global 'Top 25 Performers' lists: The University of Tokyo in Research Publications (absolute numbers), University of Toyama in Co-publications with Industrial Partners and Osaka University in our new Collaboration Index.



WHICH ARE THE TOP PERFORMING UNIVERSITIES IN JAPAN?

Osaka University received the highest number of 'A' (very good) scores on the institutional level for Japan in 2021.

In this section we highlight the universities receiving the highest number of 'A' (very good) scores on the institutional level for the respective country.

Although the number of 'A' scores shows top performance for the respective university, it does not imply one university is the 'best' in the country, as each university profile highlights different strengths.

Japanese universities with the highest number of overall top scores in 2021	Total 'A' scores 2021	Total 'A' scores 2020
Osaka University	13 ↓	16
Tokyo Medical and Dental University (TMDU)	13 ↑	12
Tohoku University	11 =	11
Hokkaido University	10 ↓	12
Kobe University	10 ↑	9
Nagaoka University of Technology	10 =	10
Nagoya University	10 ↓	11
Yokohama National University (YNU)	10 =	10

The list includes different profiles of institutions: comprehensive universities, as well as business schools and technical universities.

WHAT ARE THE PERFORMANCE PROFILES OF JAPAN TOP SCORING UNIVERSITIES?

Using our unique sunburst chart, a clear picture is shown of the university's overall performance (the longer the bar, the higher the score).



U-MULTIRANK PRESENTS SUNBURSTS

PERFORMANCE INDICATORS

TEACHING & LEARNING	1 Bachelor graduation rate
	2 Masters graduation rate
	3 Graduating on time (Bachelors)
	4 Graduating on time (Masters)
RESEARCH	5 External research income
	6 Research publications (size-normalized)
	7 Art related output
	8 Citation rate
	9 Topcited publications
	10 Interdisciplinary publications
	11 Post-doc positions
KNOWLEDGE TRANSFER	12 Income from private sources
	13 Co-publications with industrial partners
	14 Patents awarded (size-normalized)
	15 Industry co-patents
	16 Spin-offs
	17 Publications cited in patents
	18 Income from continuous professional development
	19 Foreign language bachelor programmes
INTERNATIONAL ORIENTATION	20 Foreign language master programmes
	21 Student mobility
	22 International academic staff
	23 International doctorate degrees
	24 International joint publications
REGIONAL ENGAGEMENT	25 Bachelor graduates working in the region
	26 Student internships in the region
	27 Regional joint publications
	28 Income from regional sources
	29 Master graduates working in the region

www.umultirank.org

*For a list of definitions and calculations of indicators, see our [Indicator Book](#).

WHAT DO JAPANESE UNIVERSITIES DO BEST?

Three Japanese universities have achieved a global Top 25 score in 2021

TOP 25 PERFORMING UNIVERSITIES IN COLLABORATION

By U-Multirank



For the first time we present a top 25 list of institutions who are strong in collaboration, both with other universities and with industry. The list is based on the U-Multirank Collaboration Index taking into account research partnerships, students in joint degree programmes, international co-publications, co-patents with industry, co-publications with industry, regional co-publications, and students in internships. As the list is based on this multi-variate index, some institutions do not have scores due to the lack of data on one or more indicators.



- Bordeaux INP (France)
- Daugavpils University (Latvia)
- École de technologie supérieure (France)
- EDHEC Business School (France)
- ESIEE PARIS - School of Engineering (France)
- ESSEC Business School (France)
- Hasselt University (Belgium)
- Institut Agro (France)
- Lusófona University (Portugal)
- Management Center Innsbruck MCI (Austria)
- Moscow Institute of Physics and Technology (Russian Federation)
- National and Kapodistrian University of Athens (Greece)
- National Research Nuclear University MEPhI (Russian Federation)
- National University of Mongolia (Mongolia)
- Osaka University (Japan)
- Polytechnic Institute of Coimbra (Portugal)
- Polytechnic Institute of Lisbon (Portugal)
- Polytechnique Montreal (Canada)
- Reutlingen University of Applied Science (Germany)
- Strathmore University (Kenya)
- Tomsk State Pedagogical University (Russian Federation)
- Toulouse INP (France)
- University of Antwerp Belgium)
- University of Bergen (Norway)
- University of Nova Gorica (Slovenia)

*The list is sorted alphabetically, possible ties are not marked.



Globally Top Performing Japanese Universities

In this section, U-Multirank presents the global Top 25 performers in a set of 10 indicators measuring different dimensions of performance. These lists highlight the 25 top-performing universities from around the world with the highest scores.

Japanese universities that have achieved a global Top 25 score are listed under the respective categories:

Collaboration index

- [Osaka University](#)

Research publications (absolute numbers)

- [The University of Tokyo](#)

Co-publications with industrial partners

- [University of Toyama](#)

*For the full lists of all global Top 25 performers, please visit our [website](#).

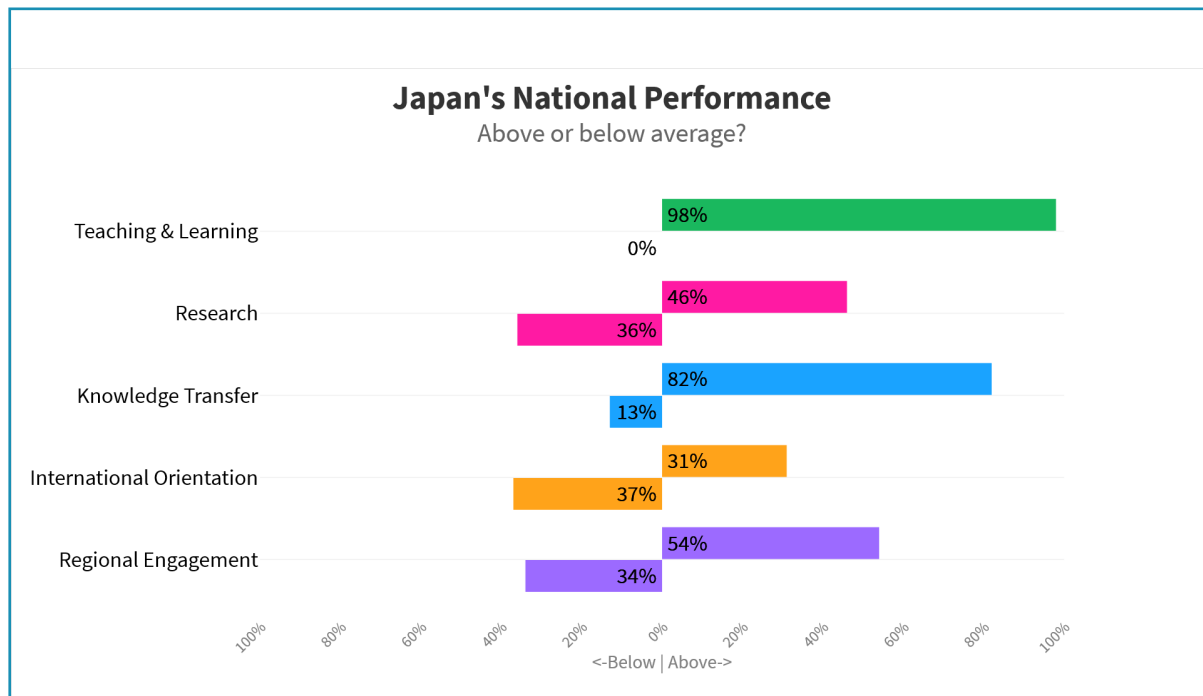
HOW DO JAPANESE UNIVERSITIES PERFORM GLOBALLY?

Japanese higher education institutions perform strongest in U-Multirank's Teaching & Learning dimension.

Above or below average?

In this section we highlight the overall performance of Japanese universities on the institutional level per U-Multirank dimension.

The below table shows the national breakdown of Japanese universities and how they stand across the spectrum of above average (receiving a score of 'A' (very good) or 'B' (good)), or below average (receiving a score of 'D' (below average) or 'E' (weak)). In doing so, U-Multirank offers a clear picture on the countries strengths, and areas for improvement.



APPENDIX

DETAILED RESULTS

If you want to analyse further the performance of the universities in your country you can click the following links.

The below links lead directly to the national results pages where we pre-filtered the universities in your country into one list (for the university as a whole and for the subject areas included in U-Multirank so far). You can use the table to produce national rankings (see image below), or for personalised interactive analyses with the data.

If you're interested in tailor-made tables (institutional level, subject level, or with a specific focus in mind, such as internationalisation), please contact us, at info@umultirank.org. These links are also accessible via your country's 'Study in' page.

University Your selection: 37 universities											
Level of study: bachelor, master Regions: Japan,											
8.9.2021 dev.umultirank.org		Teaching & Learning		Research		Knowledge Transfer		International Orientation		Regional Engagement	
		Bachelor graduation rate	Graduating on time (masters)	Citation rate	Research publications (size-normalised)	Co-publications with industrial partners	Patents awarded (size-normalised)	Student mobility	International joint publications	Bachelor graduates working in the region	Regional joint publications
Osaka University	JP	A	B	C	A	A	A	C	C	-	A
Tokyo Medical and Dental University	JP	A	C	C	A	A	A	B	D	-	A
Kobe University	JP	A	B	D	A	A	A	C	D	-	A
Hokkaido University	JP	A	B	C	A	A	A	B	C	-	D
Yokohama National University	JP	A	B	D	B	A	A	C	D	-	A
Nagaoka University of Technology	JP	A	B	D	A	A	A	B	D	D	D
Tokyo Metropolitan University	JP	-	-	C	A	A	A	-	B	-	A
University of Tokyo	JP	-	-	B	A	A	A	-	C	-	A
Tokyo Institute of Technology	JP	-	-	C	A	A	A	-	C	-	A

U-Multirank's National University Rankings 2021-2022 – Japan

- [Institutional Rankings](#)

- [Pharmacy \(updated\)](#)
- [Psychology \(updated\)](#)
- [Social Work \(updated\)](#)

U-Multirank's Subject Rankings 2021-2022 – Japan

- [Agriculture \(NEW\)](#)
- [Veterinary Science \(NEW\)](#)
- [Dentistry \(updated\)](#)
- [Medicine \(updated\)](#)
- [Nursing \(updated\)](#)

* to view, select the respective study subject, then select either 'filter by country', or 'go straight to the comparison'.

Press materials:

- [Advanced press release \(includes graphics and tables for download in Appendix\)](#)
- [FAQ](#)
- [Overview Infographic 2021](#)



WHAT IS U-MULTIRANK?

U-Multirank is a multidimensional, user-driven approach to international ranking of higher education institutions. It compares the performances of higher education institutions – in short: universities – in the five dimensions of university activity:

(1) teaching and learning, (2) research, (3) knowledge transfer, (4) international orientation and (5) regional engagement.

The U-Multirank web tool enables comparisons at the level of the university as a whole and at the level of specific study programmes. Based on empirical data, U-Multirank compares institutions with similar institutional profiles ('like-with-like') and allows users to develop their own personalised rankings by selecting indicators in terms of their own preferences.

Based on the results of a feasibility study covering 150 universities which was carried out in 2010/11, the European Commission decided to fund the implementation of U-Multirank. This roll out is carried out by a consortium led by Professor Frans van Vught of the Center for Higher Education Policy Studies (CHEPS), University of Twente in The Netherlands and Professor Frank Ziegele of the Centre for Higher Education (CHE) in Germany as well as the Centre for Science and Technology Studies (CWTS) from Leiden University and Fundacion CYD. U-Multirank is funded by the European Commission, the Bertelsmann Foundation and Banco Santander. The consortium also works closely with a range of national ranking partners and stakeholder organisations.

The work of the U-Multirank consortium is overseen by an Advisory Board.



Funded by:

| BertelsmannStiftung



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