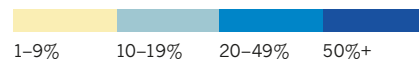


Putting youth on the map

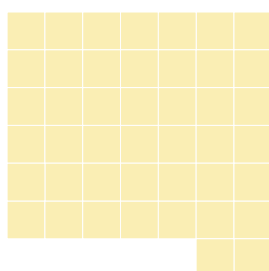
Global research ranks are reordered when visualized according to the output of young universities in the Nature Index.

HOW TO READ THIS GRAPH

Each square represents a fractional count (FC) rounded to five. Fractional count measures the share of authorship of each article. Data are for 2018. Colour represents the young universities' contribution to each country/region's total research output in the Nature Index.

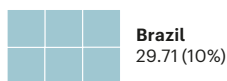


THE AMERICAS

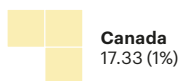


United States
221.29 (1%)

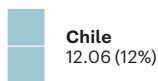
The United States has the highest output in the Nature Index overall, but the contribution of its young universities is relatively low. The Oregon Health and Science University (11th), the University of Texas at Dallas (17th) and the University of Alabama at Birmingham (25th) are its best-performing young universities for high-quality research output in the natural sciences.



Brazil
29.71 (10%)

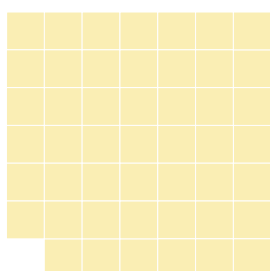


Canada
17.33 (1%)



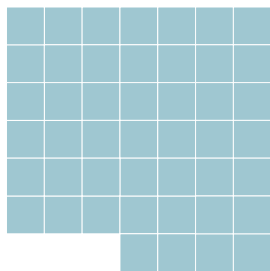
Chile
12.06 (12%)

EUROPE



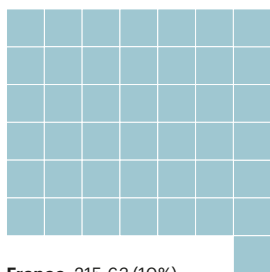
Germany 240.20 (5%)

Germany has 11 of the top 100 young universities in the Nature Index, the same number as China, but the collective output of Germany's young universities is less than one-third of their Chinese peers.

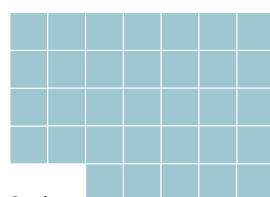


Switzerland 227.90 (16%)

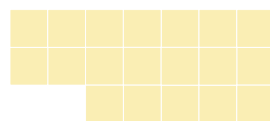
EPFL is the only Swiss university among the top 100 young universities in the Nature Index.



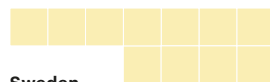
France 215.63 (10%)



Spain
165.24 (15%)



Italy 94.20 (9%)



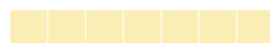
Sweden
53.84 (9%)



Norway
51.95 (27%)



Austria
51.92 (15%)



United Kingdom 37.37 (1%)



Portugal
32.42 (20%)



Ireland
17.20 (16%)



Russia
15.75 (3%)



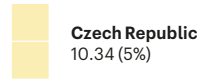
Greece
12.21 (16%)



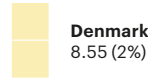
Luxembourg
12.02 (62%)



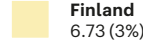
Netherlands
11.90 (1%)



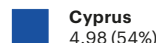
Czech Republic
10.34 (5%)



Denmark
8.55 (2%)



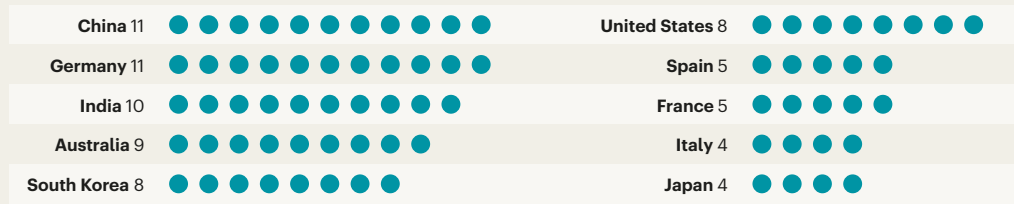
Finland
6.73 (3%)



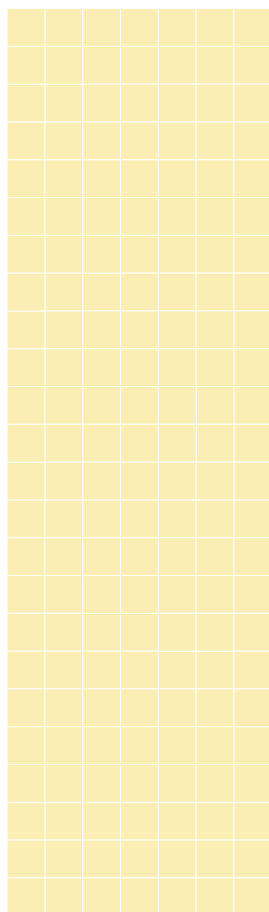
Cyprus
4.98 (54%)

WORLD LEADERS

China and Germany have the greatest number of young universities among the 100 young leaders in the Nature Index. Saudi Arabia and Singapore's few young institutions contribute the most to their countries' output.



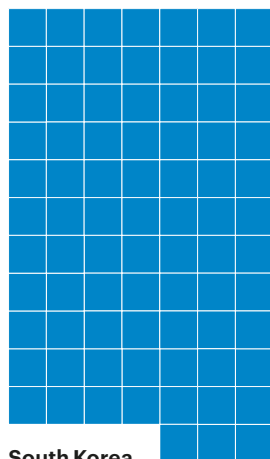
ASIA PACIFIC AND MIDDLE EAST



Mainland China

841.47 (8%)

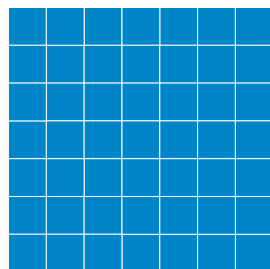
The University of Chinese Academy of Sciences is the highest ranked young university in the Nature Index, with more than three times the article count of the nearest competitor (NTU Singapore). The top four fastest-rising young universities in the Nature Index are in China.



South Korea

401.04 (30%)

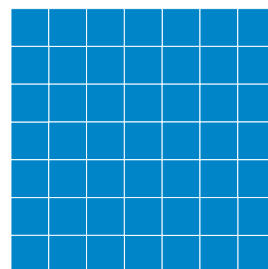
China has the highest fractional count (FC) of any country, as contributed by young universities. South Korea comes in second, with less than half of China's FC.



Singapore

245.69 (41%)

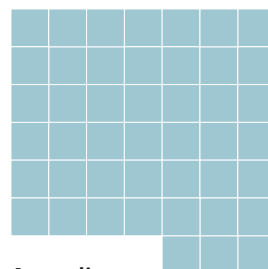
Nanyang Technological University with an FC of 232.51, is ranked number two among young universities in the Nature Index. Singapore is one of several countries with two institutions in the young universities top 100, including Norway, Austria, Israel, Sweden, Brazil and Portugal.



India

244.56 (26%)

The Homi Bhabha National Institute with an FC of 42.31 is the highest-ranked young university from India at 16th place overall, and the second-highest young graduate university. IISER Pune is second among Indian young universities at 20th place and IISER Bhopal was third in 26th position overall.



Australia

226.15 (18%)

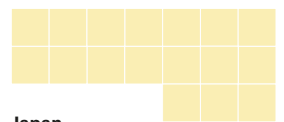
Curtin University is Australia's highest ranked young university, at 23rd. Its closest competitor, the Queensland University of Technology, in 30th place, is the sixth-fastest rising young university in the world in change in FC between 2015 and 2018.



Saudi Arabia

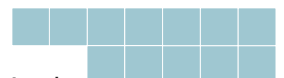
104.77 (80%)

The King Abdullah University of Science and Technology at sixth is the highest ranked young graduate university in the index. It contributes a far greater proportion of total research output than its young counterparts in any other country.



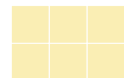
Japan

85.46 (3%)



Israel

57.97 (10%)



Taiwan

32.41 (9%)



Turkey

12.30 (18%)



Iran

10.21 (9%)



Thailand

5.46 (14%)



Qatar

5.26 (44%)

SOURCE: NATURE INDEX