Times Higher Education

Times Higher Education is the data provider underpinning university excellence in every continent across the world   s
over five decades of experience as a source
of analysis and insight on higher education we have unparalleled expertise on the trends underpinning university

help them achieve their strategic goals

The annual *Times Higher Education (THE)* World University Rankings WUR   started in   aims to provide the
definitive list of the best universities

THE

This year we exceptionally accepted data from Ukrainian universities affected by the Russian invasion of Ukraine in line with [*THE* Ukraine](#) and commitment to supporting its universities through this crisis

Bibliometric data

globally This year our bibliometric data supplier lsevier examined more than million citations to million journal articles article reviews conference proceedings books and book chapters published over five years The data include more than
and itations to these publications made in the six years from to are also collected

itations data is a score per institution calculated by lsevier from until it was supplied by Web of Science lsevier provide the ield Weighted itation mpact W score per subject and overall

average
number of citations received by all other similar publications
the Scopus database that have the same publication year type and discipline as defined by the Scopus journal classification system

W of indicates the global average

n papers with more than authors were excluded due to their

or the eleven subject tables there is an additional threshold within the subject for publications

or the subjects that generate a high volume of publications
   t least   publications over   for   linical and   ealth   ngineering   omputer Science Life
   Sciences Physical Sciences
or the subjects with lower volumes of publications
   t least   publications over   for   rts and   umanities
   t least   publications over   for Social Sciences   usiness and   conomics
   t least   publications over   for Psychology
   t least   publications over   for Law   ducation

Overall	per year
rts and umanities	

4. *International outlook (staff, students, research)*

<u>Proportion of international students</u>
- o This metric captures the proportion of international students on campus   nternational students are those whose nationality differs from the country where the institution is based The metric is calculated as the total   T   number of international students divided by the total   T   number of students This variable is normalised after calculation

<u>Proportion of international staff</u>
- o This metric captures the proportion of international academic staff on campus   nternational staff are those whose nationality differs from the country where the institution is based The metric is calculated as the total   T   number of international academic staff divided by the total   T   number of academic staff This variable is normalised after calculation

<u>nternational collaboration</u>
- o
  journal publications that have at least one international co author The metric is generated by dividing the total subject weighted number of publications with at least one international co author by the total subjected weighted number of publications This accounts

Moving from a series of specific data points to indicators and finally to a total score for an institution requires us to match values that represent fundamentally different data To do this we use a standardisation approach for each indicator and then combine the indicators in the proportions indicated below

The standardisation approach we use is based on the distribution of data within a particular indicator where we calculate a cumulative probability function and evaluate where a particular institu

or all indicators except the cademic Reputation Survey we calculate the cumulative probability function using a version of Z scoring The distribution of the data in the cademic Reputation Survey requires us to use an exponential component

The performance metrics representing the five pillars are weighted according to *THE* of relative

ll institutions were ranked overall and are published in the final rankings table on the *THE* website On the website the overall score and pillar scores are displayed

Precise overall scores are shown for the institutions ranked in the top   overall   anded overall scores are presented for the institutions ranked in bands e g from   to   Precise individual pillar scores are displayed for each ranked institution

 or the institutions ranked   overall an individual rank position is listed The next institutions are assigned to the following bands

table and they do not have any rank or scores   nstitutions who have submitted data and who did not meet the eligibility criteria but have chosen to opt
status do not appear at the end of the table

We have considered thriteria

i	ata collection and sources	named representative from each institution submits and authorises their institutional data for use in the Rankings
ii	ata collection and sources	*Times Higher Education* will not self submit data for an institution without positive confirmation from the named representative of the institution
iii	ata collection and sources	Prior to submission of data within the portal the draft data undergoes automatic validation checks reviewed by the named representative
iv	riteria for exclusion inclusion and data processing	