

THE LATEST GLOBAL ACADEMIC RANKING PERFORMANCE OF UNIVERSITIES FROM THE PERSPECTIVE OF SHANGHAIRANKING

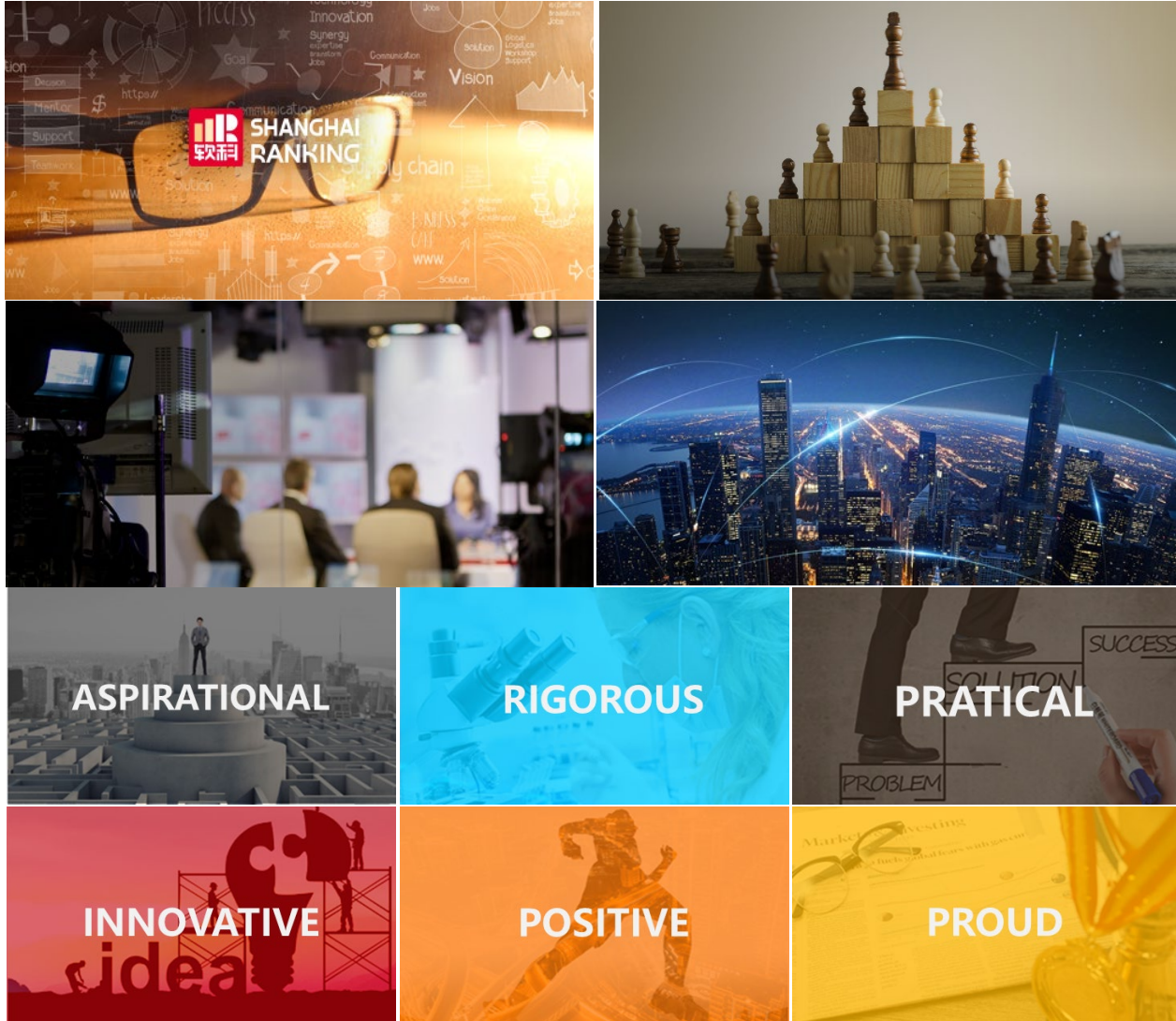
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IREG2021 JEDDAH CONFERENCE

About ShanghaiRanking

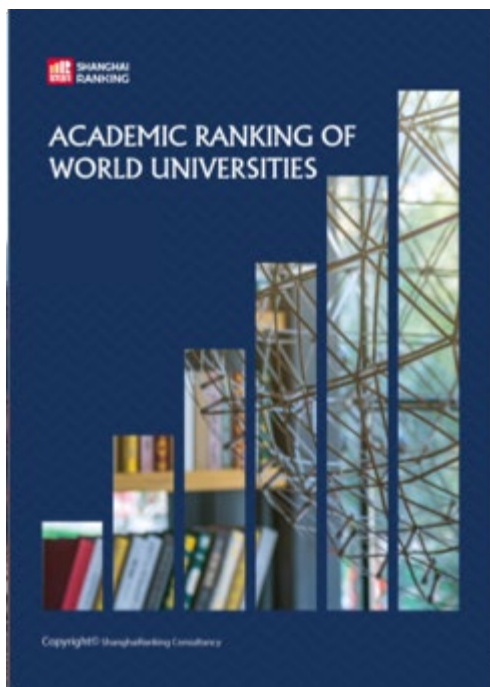


A fully independent organization dedicating to research on higher education intelligence and consultation.

Official publisher of the Academic Ranking of World Universities since 2009.

Rankings Published

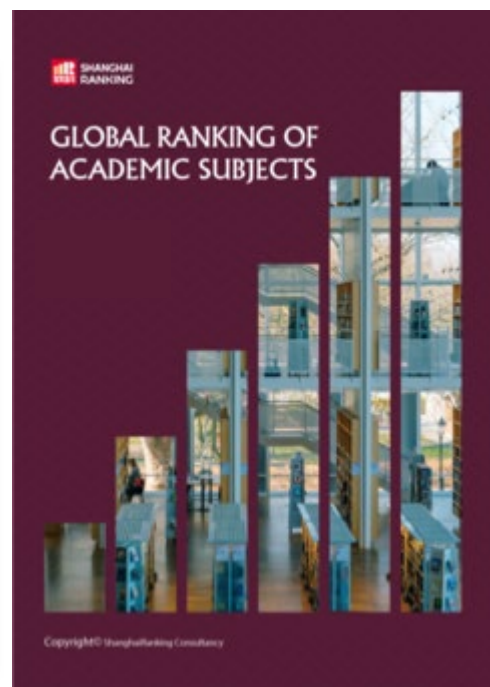
2003 > 2004 > 2005 > 2006 > 2007 > 2008 > 2009 > 2010 > 2011 > 2012 > 2013 > 2014 > 2015 > 2016 > 2017 > 2018 > 2019 > 2020 > 2021



2003-2021



2015-2021



2017-2021



2017-2021

Selection of Universities

Any university that has any Nobel Laureates, Fields Medals, Highly Cited Researchers, or papers published in *Nature* or *Science*

- Universities with significant amount of papers indexed by Web of Science

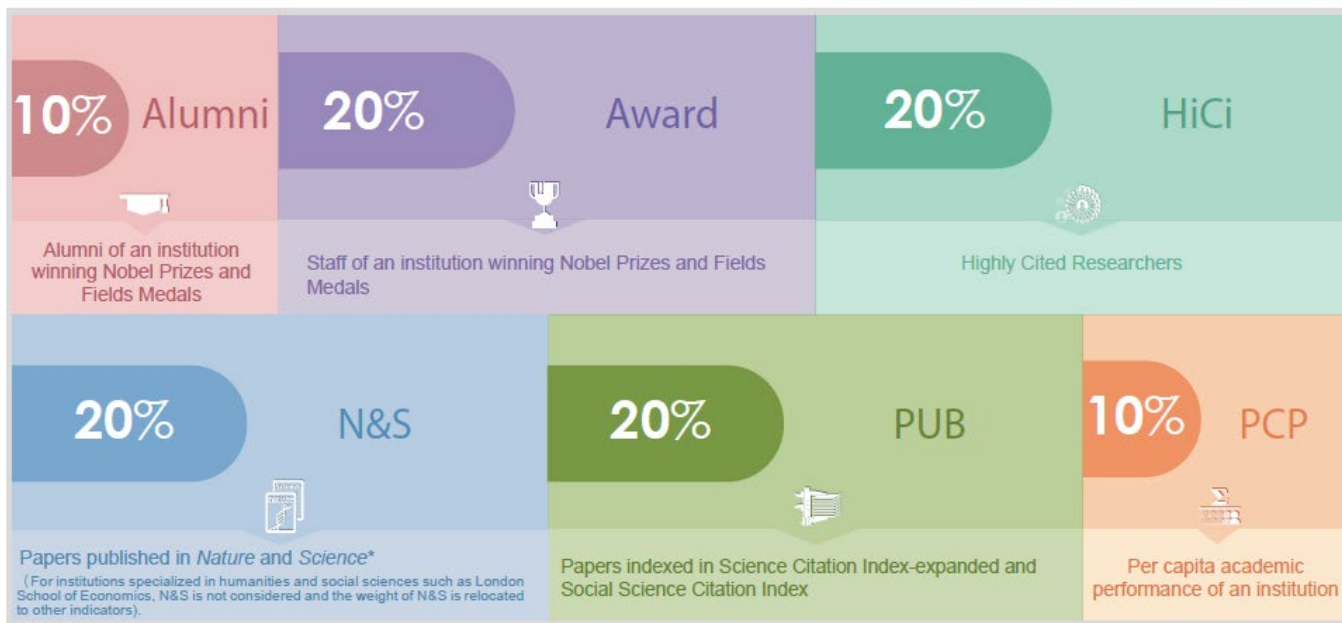
- Number of universities scanned **> 2500**

- Number of universities actually ranked **> 2000**

- Number of universities published **World Top 1000**

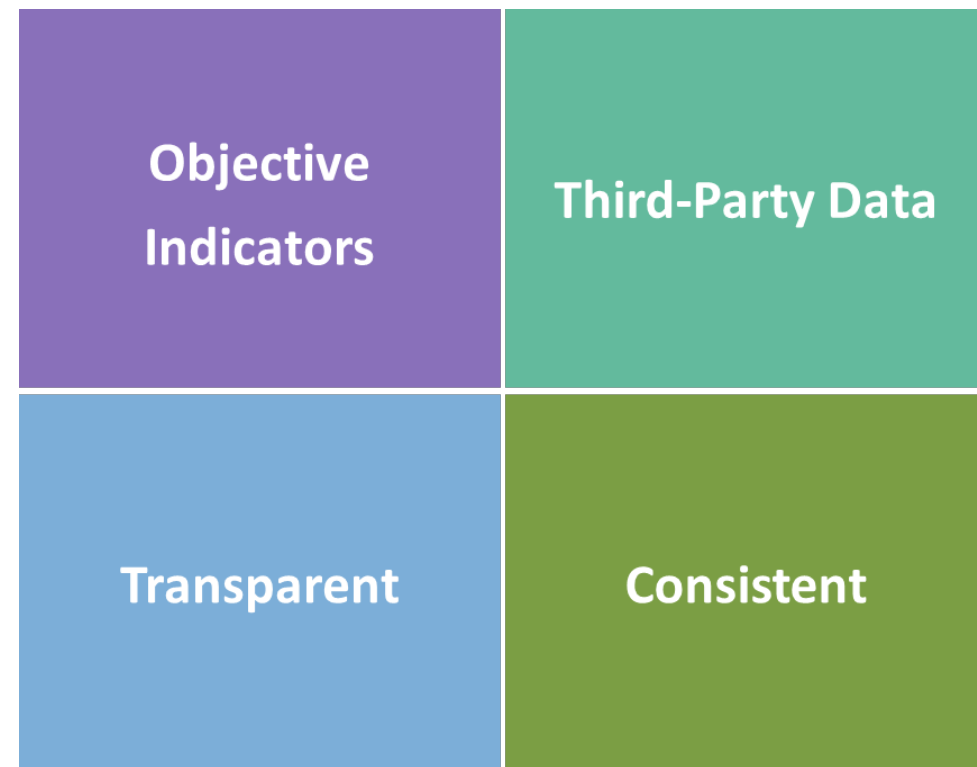
Methodology

Indicators & Weights



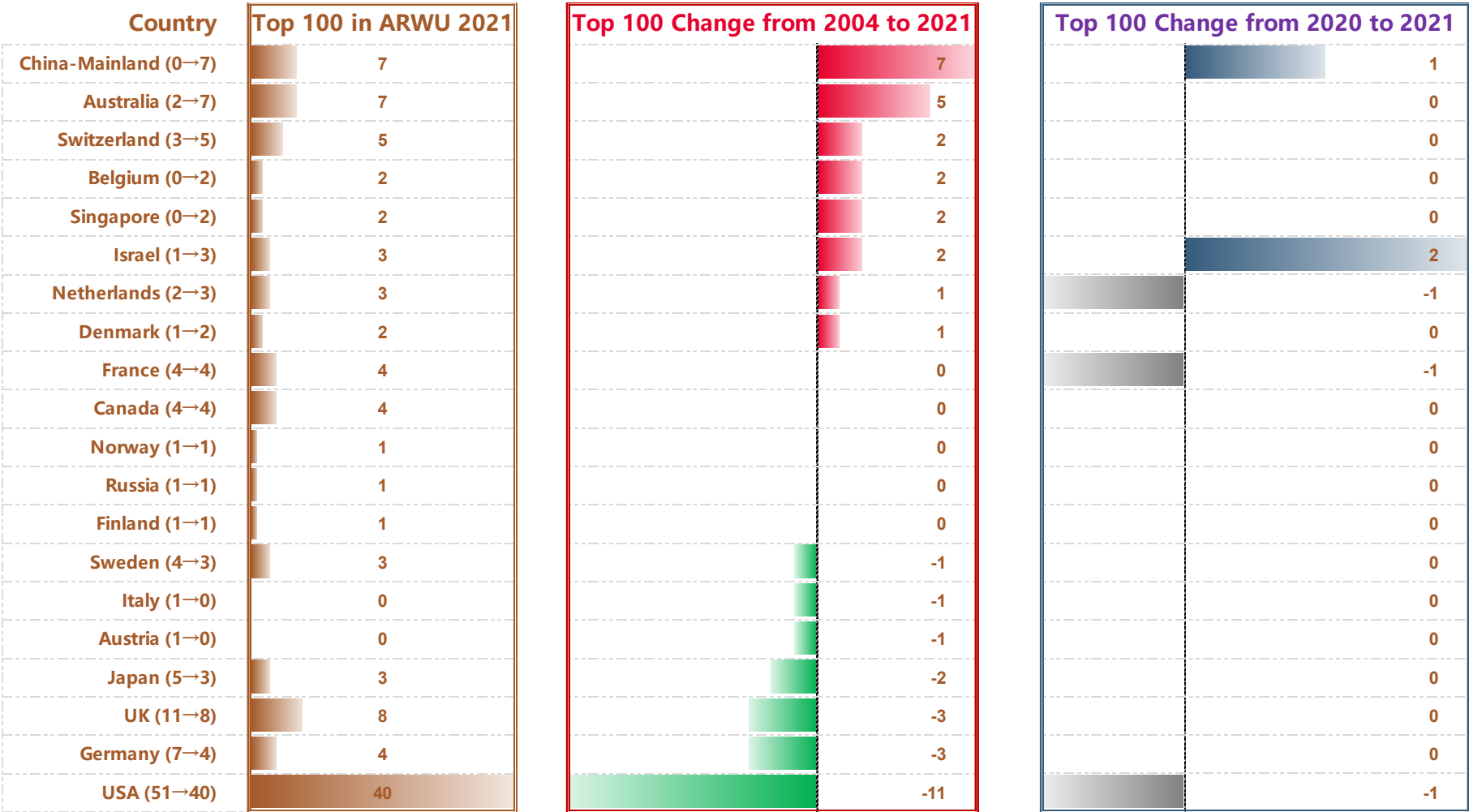
PCP Data Source: Number of academic staff data is obtained from national agencies such as National Ministry of Education, National Bureau of Statistics, National Association of Universities and Colleges, National Rector's Conference.

Features



Universities Performance in ARWU

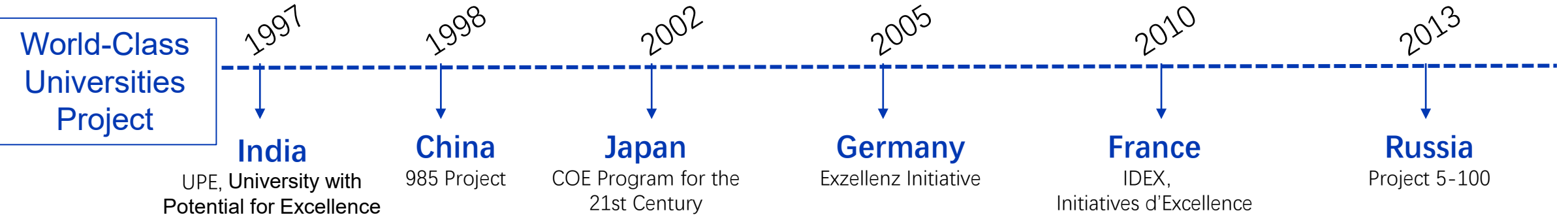
Changes in the Number of Top 100 Universities by Country (2004-2021)



- Three universities enter the ARWU Top 100 list in 2021, including:
- Sun Yat-sen University (89th) from Chinese Mainland, which made its first-ever appearance in the Top 100.
 - The Hebrew University of Jerusalem (90th) from Israel
 - Technion-Israel Institute of Technology (94th) from Israel

Universities Performance in ARWU

Ranking Performance of “World-Class” Universities



Scholars and institutional administrators define “world-class” as attaining the standard to be included in the Lists of World University Rankings, which focuses on quality of education, internationalization, research output, status, and impact.

World-class universities play key roles in generating and circulating knowledge, educating highly skilled personnel for leadership, and serving the needs of society.

In ARWU 2021

- **Germany** has four universities ranked in the Top 100, namely the University of Munich (48th), Technical University of Munich (52th), Heidelberg University (57th) and University of Bonn (84th).
- Under the **French** Initiatives of Excellence (Initiatives D'Excellence), Paris-Saclay (13th), Sorbonne (35th), PSL (38th), and University of Paris (73th) hold four positions in the Top 100.
- The number of universities from **Chinese Mainland** continues to grow. Most of the listed universities are supported by the “Double World-Class Project” (World-Class Universities and World-Class Subjects Project).

Universities Performance in ARWU

About half of the universities ranked in ARWU are from Asia. 4 Universities from Saudi Arabia listed in the Top 500, comprise 17% of all the ranked universities.

Proportion of Top Universities by Country in Asia

Country	Number of Universities Ranked	Top 500	Proportion of Top Universities
China	505	84	16.6%
Japan	139	12	8.6%
Turkey	71	1	1.4%
India	64	1	1.6%
South Korea	60	11	18.3%
Iran	57	1	1.8%
Saudi Arabia	23	4	17.4%
Pakistan	23	1	4.3%
Malaysia	16	1	6.3%
Thailand	12	1	8.3%
Israel	8	6	75.0%
Singapore	6	2	33.3%

Universities Performance in ARWU

Ranking Performance of Saudi Arabia Universities (Top 1000) in 2021

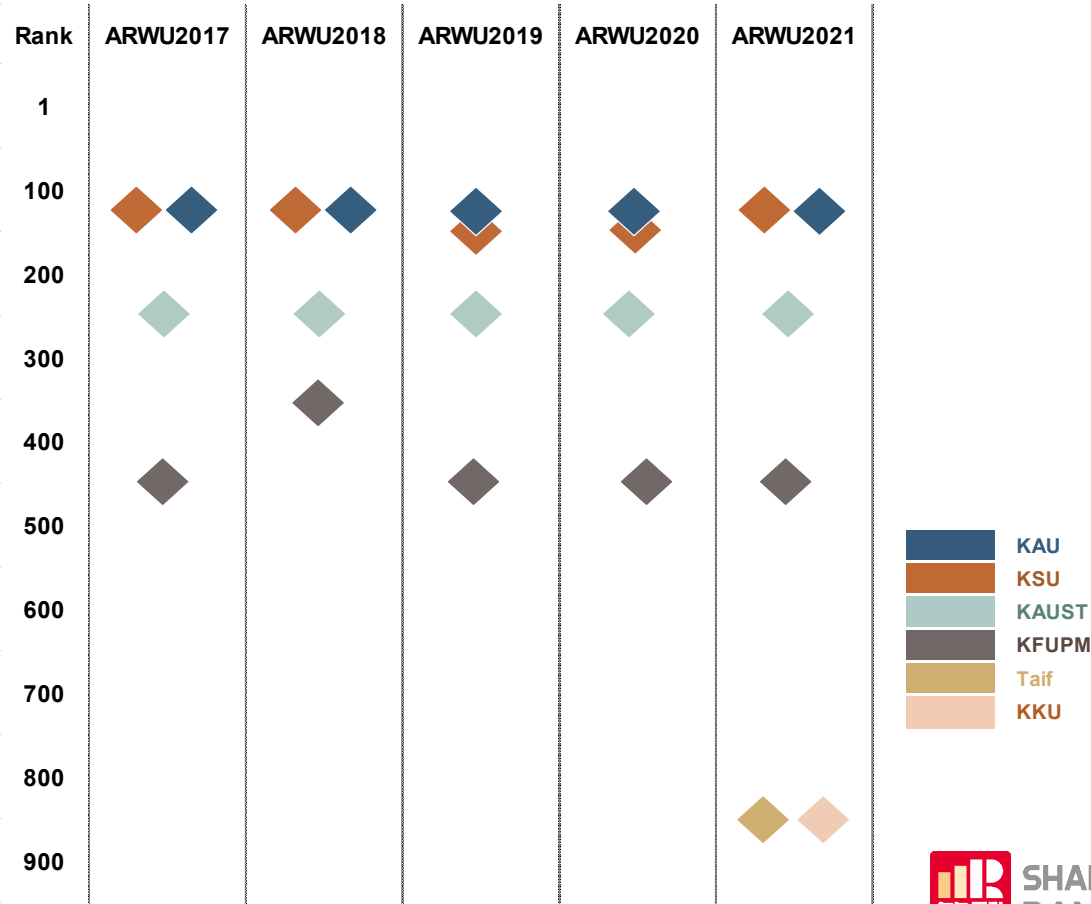
ShanghaiRanking's Academic Ranking of World Universities 2021

Saudi Arabia

WORLD RANK	NATIONAL/REGIONAL RANK	INSTITUTION
101-150	1-2	King Abdulaziz University
101-150	1-2	King Saud University
201-300	3	King Abdullah University of Science and Technology
401-500	4	King Fahd University of Petroleum & Minerals
801-900	5-6	King Khalid University
801-900	5-6	Taif University

* Institutions within the same rank range are listed alphabetically.

Ranking Performance of Saudi Arabia Universities from 2004-2021

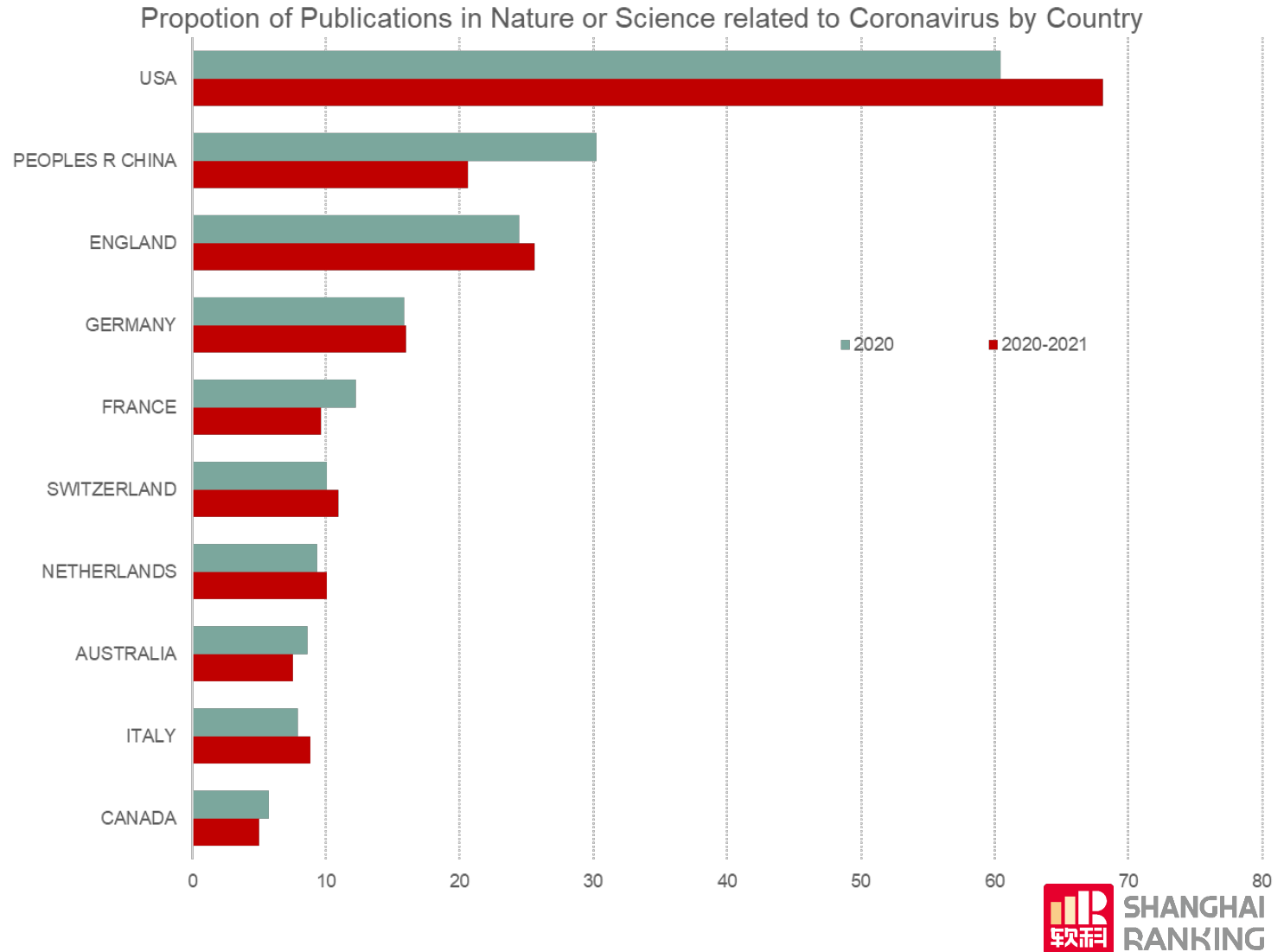


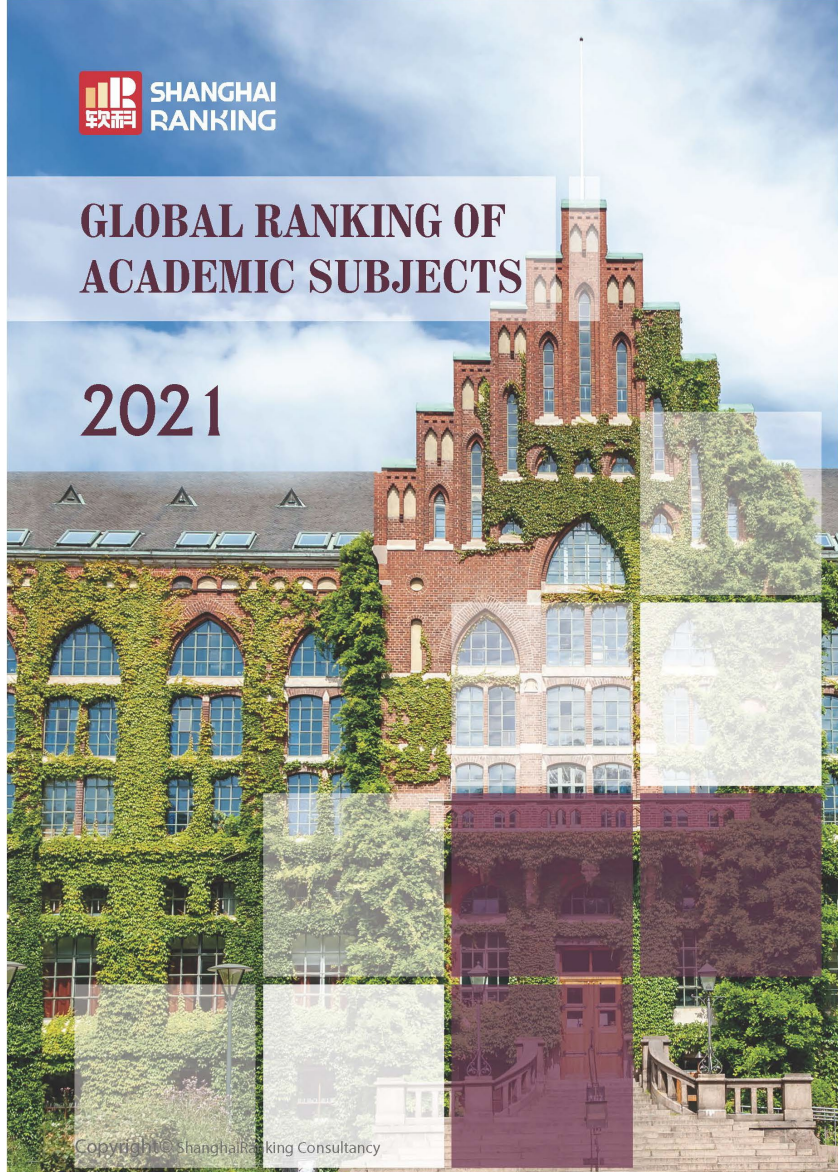
Indicator: N&S

USA, China, England, Germany and France have made the most contribution to research on Coronavirus.

England overtakes China and produces the second largest research outputs when considering the publication in Nature and Science between 2020-2021.

Universities in these countries have made significant contributions to the global fight against the epidemic, which have been reflected in the university rankings.





Global Ranking of Academic Subjects (GRAS)

Methodology

Candidates & Ranking Subjects

Universities need to have **a minimum number of research publications** during the period of **five years**. The publication threshold is different for different subjects.

In 2021

Institutions scanned: 4000+

Locations covered: 90

Institutions published: 1800+



Natural Sciences, 8

Engineering, 22

Life Sciences, 4

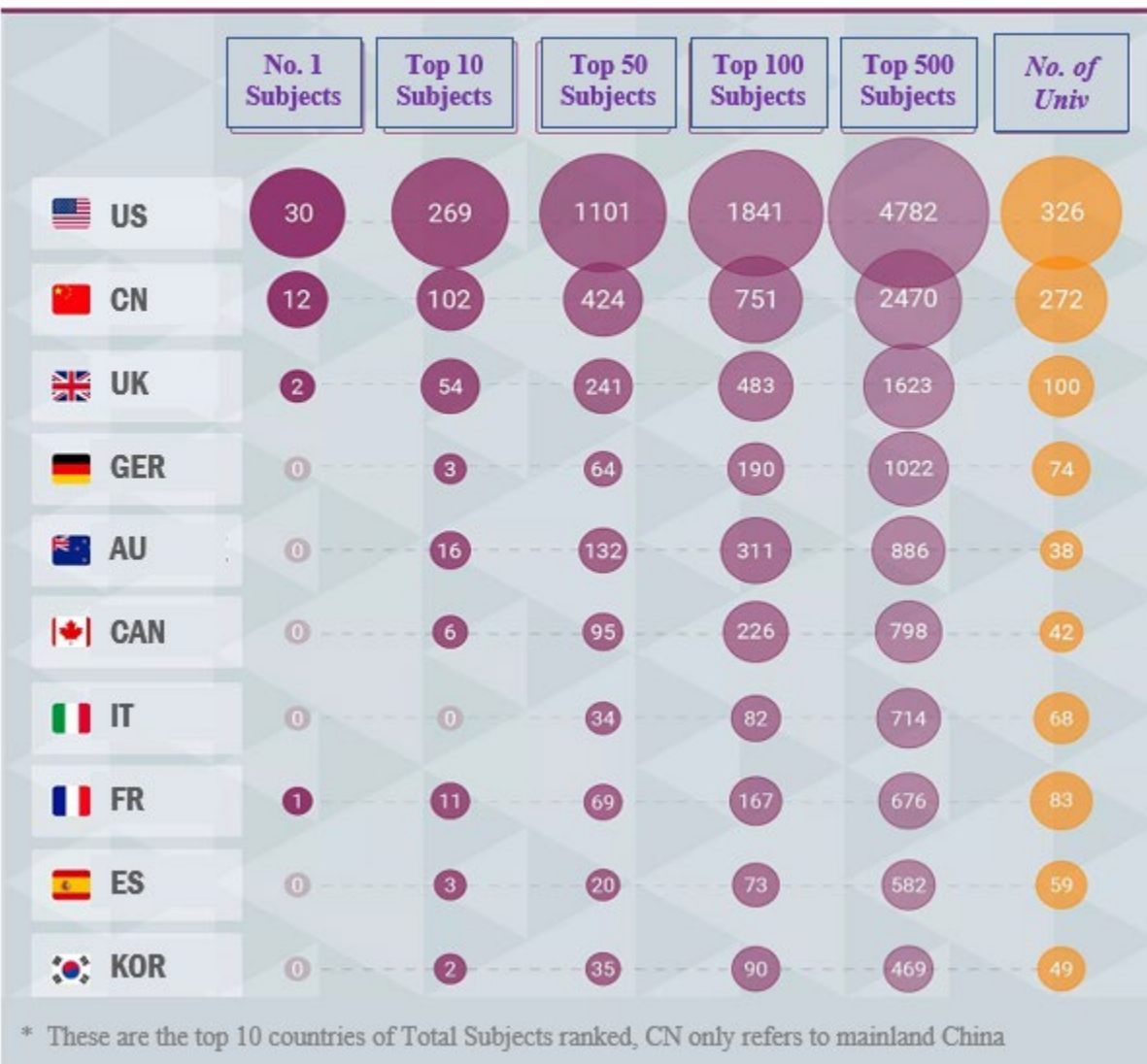
Medical Sciences, 6

Social Sciences, 14

Definition of Indicators

Indicator	Code	Definition	Weight
Research Productivity	Q1	The number of papers authored by an institution in an Academic Subject in journals with Q1 Journal Impact Factor Quartile	200/150/100
Research Quality	CNCI	Category Normalized Citation Impact from InCites database	100/50
International Collaboration	IC	The percentage of internationally collaborated papers authored by an institution	20/10
Research with Top Quality	Top	The numbers of papers published in the top journals	100/NA
Highest Academic Recognitions	Award	The total number of the staff of an institution winning a significant award	100/20/NA

Statistics by Country/Region



Statistics by Country/Region

10 Countries/Regions with most subjects ranked:

- 326 universities from the United States appear 4782 times
- 272 China Mainland universities appear 2470 times
- 100 universities from the United Kingdom appear 1623 times
- Universities in German, Australia, Canada, Italy, France, Spain and South Korea presented in the league table appear for hundreds of times

Thank You for Watching

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