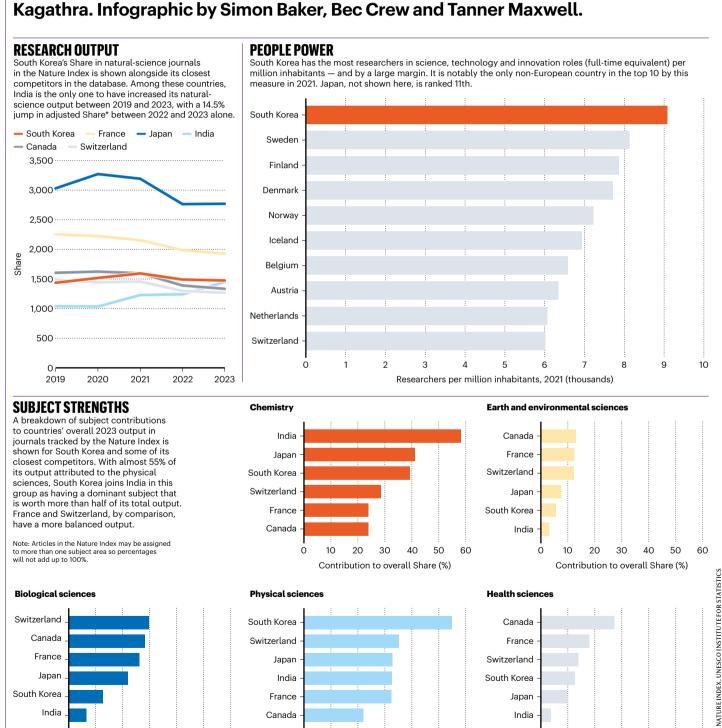
index

Global standings

An overview of South Korea's research landscape highlights the strengths and weaknesses of a nation that has invested heavily in science. Analysis by Aayush Kagathra. Infographic by Simon Baker, Bec Crew and Tanner Maxwell.



20

40

Contribution to overall Share (%)

India

SOURCE:

40

Contribution to overall Share (%)

Canada

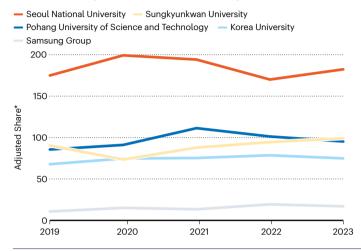
40

Contribution to overall Share (%)

India

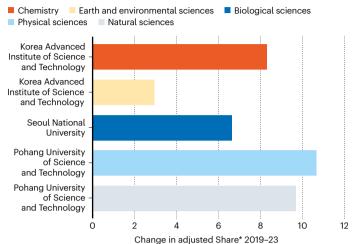
ON THE UP

The fastest rising South Korean institutions for the period 2019 to 2023 have recorded very modest gains in natural-science output in the Index, which could speak to the country's relatively stable performance in recent years. Samsung Group, the only corporate institution in this list, had the largest percentage increase over the period, at 57.98%. This was from a much smaller adjusted Share* of 10.77 in 2019, however, compared with Seoul National University at 174.97.



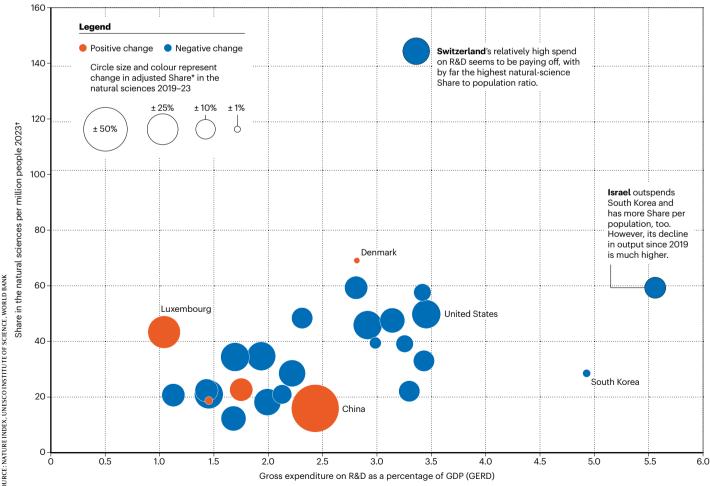
MOST IMPROVED

The fastest-rising institutions in four natural-science subjects, and in the natural sciences overall, are shown for the period 2019 to 2023. Institutions are ranked according to change in adjusted Share*, which for the Pohang University of Science and Technology was larger in the physical sciences than it was in the natural sciences overall.



BIG SPENDER

Although South Korea spends more on its research and development as a proportion of its gross domestic product than most other countries in the world, this does not translate to higher Share in the Nature Index. Its output does seem relatively stable, however; among the selected countries shown below, many recorded a decline in Share (per million people) in natural-science journals over the past five years, but South Korea's drop was smaller than most.



*Adjusted Share takes account of a small annual variation in the total number of articles in the Nature Index †Population data use the latest year available