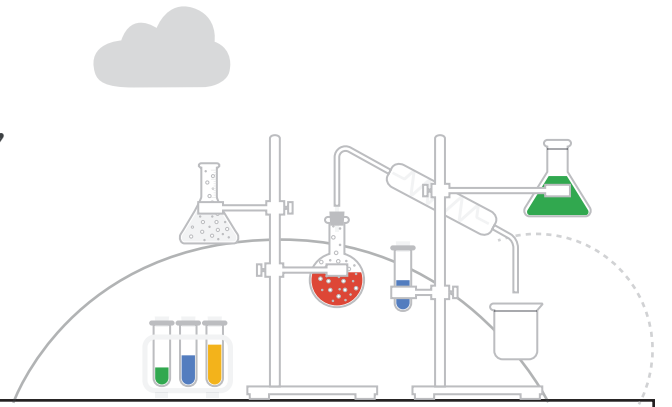


# New Study: Labs and Researchers Turning to the Cloud During COVID-19

The COVID-19 pandemic impacted research institutions around the world. Our new survey of almost 1,600 scientists and researchers from academic, private and government-funded facilities across the globe, found some interesting trends in use and adoption of cloud-enabled technologies spurred on by the pandemic.

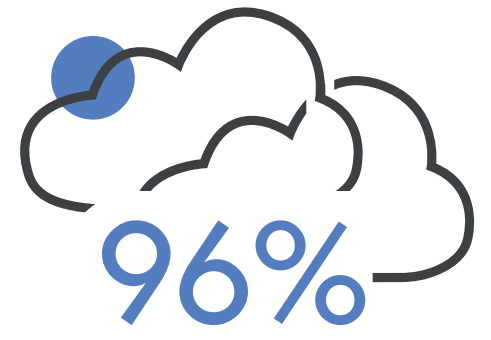


## COVID-19 impact on need for cloud-based tools

**98%** Agree  
The pandemic accelerated our need for virtual cloud-based tools.

**85%** Agree  
We struggled to innovate effectively without face-to-face, peer interaction

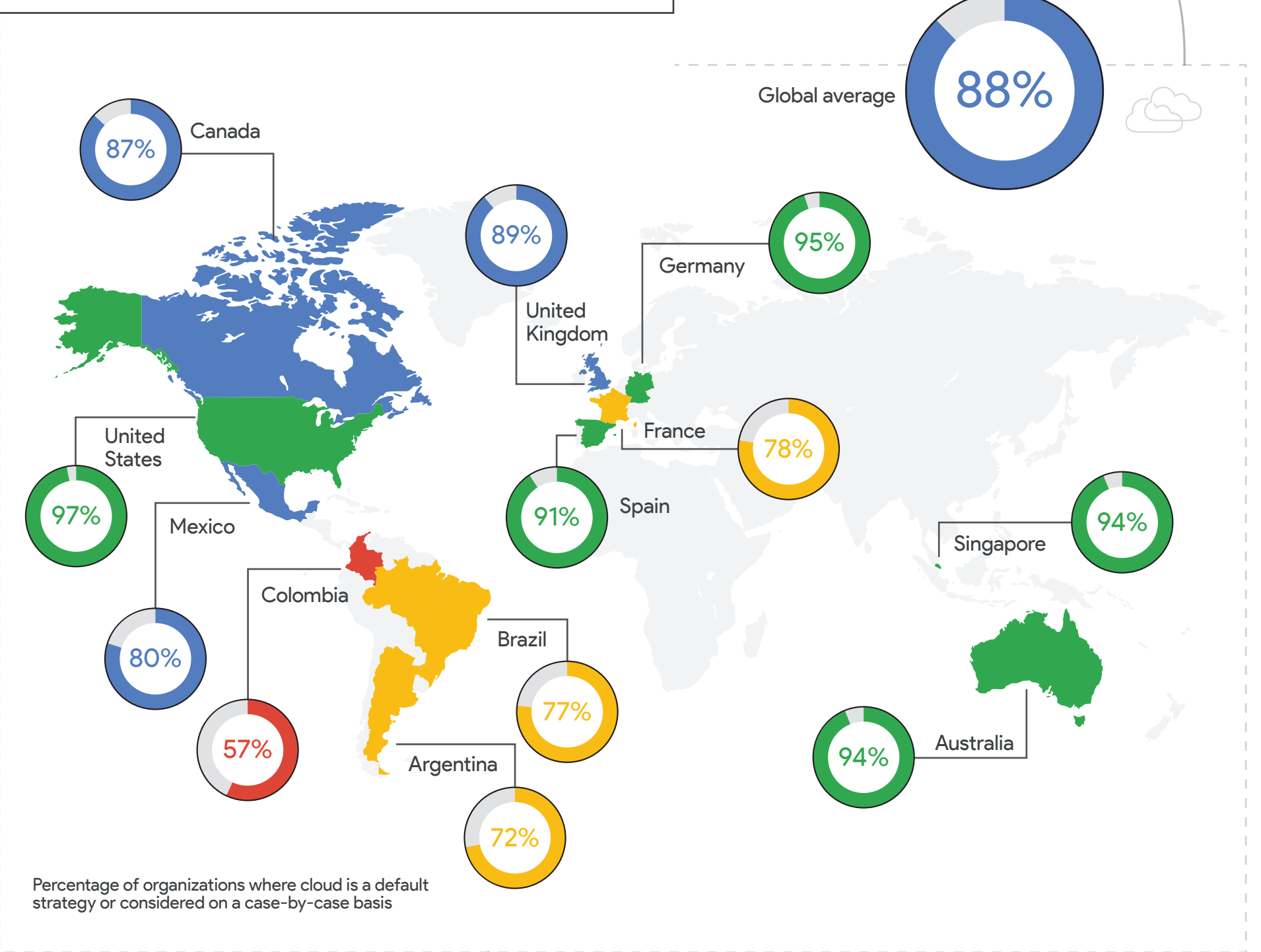
**77%** Agree  
We struggled with our ability to compute, test, and collaborate without face-to-face interaction.



Of researchers surveyed increased usage of at least 1 of the following tools: **cloud, data and analytics, digital productivity tools, or AI/ML.**



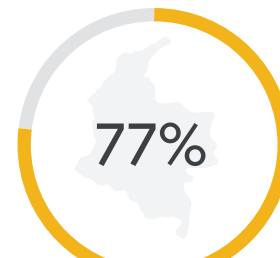
## Researchers with a cloud strategy, by country



## Future Plans For Cloud Investment

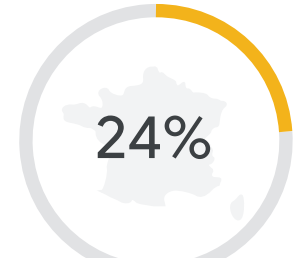
**52%**  
Of researchers expect investment in cloud to increase in the next 12 months.

**Country most likely** to increase investment in the cloud



**Colombia**

**Country least likely** to increase investment in the cloud



**France**

**80%** Will keep organizational changes made during pandemic in place post pandemic.

|                       | Academic | Government | Private | Hospital/Healthcare System |
|-----------------------|----------|------------|---------|----------------------------|
| More likely to invest | 49%      | 37%        | 53%     | 57%                        |
| No change             | 14%      | 20%        | 24%     | 28%                        |
| Less likely to invest | 30%      | 34%        | 22%     | 7%                         |

With new SARS-CoV-2 variants expected to make in-person work more difficult, there are a number of actions research facilities – private or government-funded – can take in order to continue their important research:



### Scale as needed

Cloud technologies can help research institutions implement a support-at-scale model under rapidly changing conditions.



### Leverage AI / ML

Cloud provides a platform for quickly build and deliver AI/ML applications and other connected experiences for clinical trials, research studies, patient care, and more.



### Optimize data

Break down data silos to gain insight across all teams and ensure a consistent data experience on a fully managed cloud infrastructure.



### Maximize ROI

Cloud-enabled automation tools help institutions increase the speed of decision-making, reduce costs of data entry, and accelerate discoveries.

