



# PRESS RELEASE

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## French Open science monitor: 41% of French research publications are open access (National Open Science Plan)

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The Ministry of Higher Education, Research and Innovation is publishing for the first time the Open Science monitor, which aims to measure the progress of open access to our research resources: publications, data, code. Its implementation is part of France's National Open Science Plan and National Action Plan as part of the Open Government Partnership (OGP), which includes 79 countries.

The Open Science Monitor is built from open data (from Unpaywall, a global database of scientific publication metadata that provides information on the openness status of publications) based on an open methodology.

Initially developed only for research publications, it proposes to analyse over time, according to disciplines and publishers, among publications in which at least one author is from a French affiliation, the proportion of publications in open access, i.e. made freely available on the Internet.

In its first edition, the french open science monitor shows that 41% of the 133,000 French research publications published in 2017 are open access, with wide variations between disciplines. Thus, in mathematics, the open access rate reaches 61%, while it is only 43% in IT and 31% in medical research. A memo published by the Ministry of Higher Education, Research and Innovation (MESRI) details these indicators and the methodology used.

See the memo: <https://www.enseignementsup-recherche.gouv.fr/cid146139/barometre-francais-de-la-science-ouverte.html>

The French Open Science Monitor will be updated on an annual basis in December of each year. At each update (December of year  $y$ ) the results for the research work published the previous year ( $y-1$ ) will be published and the results of previous years will be updated ( $y-2$ ,  $y-3$ , etc.) to catch also the open access dynamics on publications published several years ago. A memo will accompany each update to highlight key trends.

The medium-term objective is also to be able to have a breakdown by institution in order to make the french open science monitor a decision-making management tool.

Consult the French Open Science Monitor: <https://ministeresuprecherche.github.io/bsol/>

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