

The French Open Science Monitor

An open monitor for open science

The French Open Science Monitor aims at measuring progress in open access to scientific resources: publications, code, data. Its implementation is part of the French National Plan for Open Science and the Action Plan for France as part of the Open Government Partnership (OGP). First published by the French Ministry of Higher Education, Research and Innovation in 2019, it focuses to date only on scientific publications.

Unlike the European Commission's Open Science Monitor, the French Open Science Monitor is built from open data (from Unpaywall, a global database of metadata on scientific publications that provides information on the openness status of publications) using an open methodology. Thus, the data underlying the French Open Science Monitor is made available under an open license, its code is open and its methodology is presented in detail in a publication itself in open access.

The French Open Science Monitor

<https://bso.enseignementsup-recherche.gouv.fr>

<https://ministeresuprecherche.github.io/bso/>

Open Data and API

<https://data.enseignementsup-recherche.gouv.fr/explore/dataset/open-access-monitor-france>

Open Code

<https://github.com/MinistereSupRecherche/bso>

Methodology

<https://hal.archives-ouvertes.fr/hal-02141819v1>

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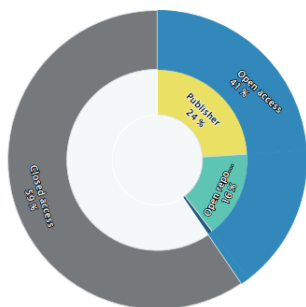
#dataESR

French Open Science Monitor

Measure the trends of open access to publications in France
using trustworthy, open and controlled data

Share of 2017 publications that are open access (measured in 2018)

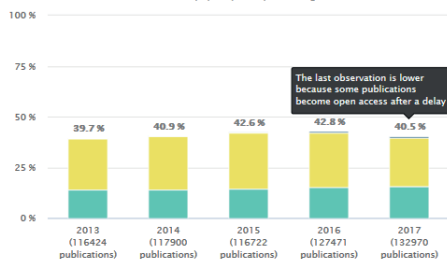
estimated based on detected publications with a french affiliation
Source: Unpaywall, local processing



Download: Integrate: Share:

Open access rate evolution (measured in 2018)

estimated based on detected publications with a french affiliation
Source: Unpaywall, local processing



Host type

Open repository Publisher Unknown

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Initially developed only for scientific publications, it proposes to analyse over time, according to disciplines and publishers, among publications with a French affiliation, the proportion of publications in open access, i.e. made freely available on the public Internet. Among the publications offered in open access, it makes it possible to distinguish publications hosted by the publisher from those hosted in open archives such as HAL.

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 scientific 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.