

Monitoring ORCID adoption using a national and an institutional CRIS

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CRISs (Current Research Information Systems) collect, manage, integrate and disseminate information on research activities and their results within the scope of an institution, funder, research infrastructure or a region or nation state. Their role in managing knowledge production is indispensable.

ORCID (Open Researcher and Contributor ID), a members-governed nonprofit e-infrastructure for research, lets researchers create their public records, maintain these or have them maintained by institutions, research funders, publishers and other organizations. The records are identified using persistent identifiers that enable both distinguishing different researchers with the same names and connecting works of the same researcher that bear changed or differently spelled names of that researcher. The adoption of ORCID iDs by researchers and institutions is regarded as an important aspect of implementing Open Science.

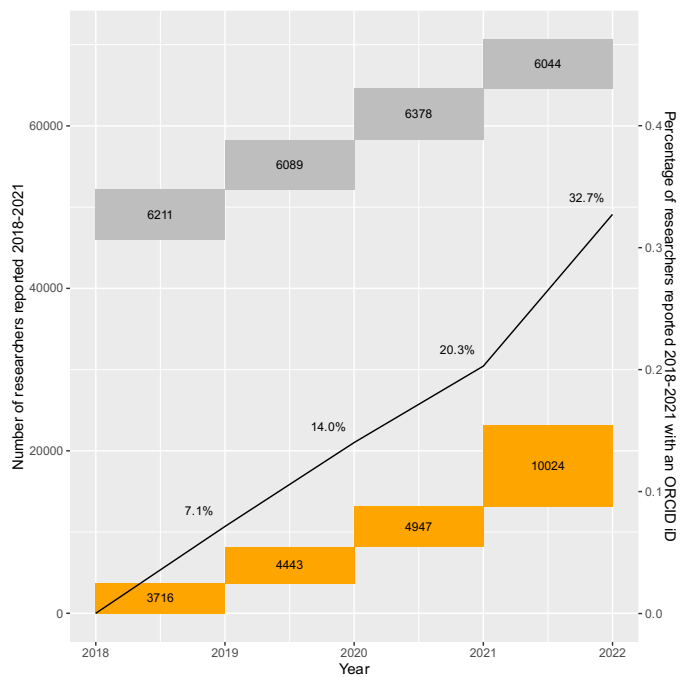
IS VaVal (Informační systém výzkumu, vývoje a inovací = Research, Development and Innovation Information System), the national Current Research Information System in Czechia, aggregates information from both funder and institutional CRISs. It has been collecting ORCID iDs of authors of the reported publications since 2018.

By analyzing this data we establish the proportion of researchers with ORCID profiles. We look into the level of activity of these profiles and we also study the ramp-up periods of reporting ORCID iDs by Czech research performing organizations.

A section of this picture is further refined using an institutional CRIS: we identify key factors that predict the level of activity of the ORCID records. We also describe the process and timeline of collecting of ORCID iDs in the CTU institutional CRIS.

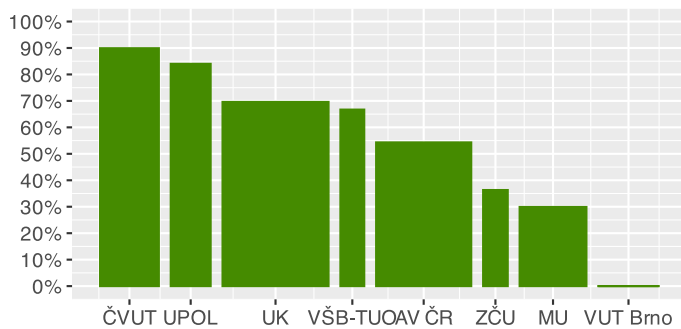
An earlier and preliminary version of a part of this analysis led to the following results.

The adoption of ORCID iDs by researchers in Czech research performing organizations is underway, but far from complete:

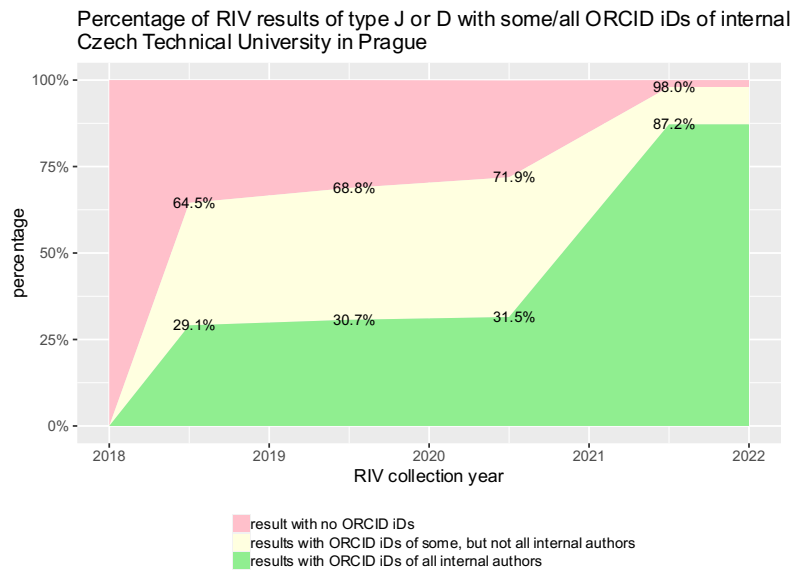


Institutions' level of adoption and reporting vary considerably (only the largest institutions are shown):

Share of authors with ORCID iD in RIV 2021 by institution



An early adopter institution illustrates that with time, the adoption becomes almost complete:



Sources

Informační systém výzkumu, vývoje a inovací. Research, Development and Innovation Council of the Czech Republic. Information system. <https://www.isvavai.cz/> [cit. 2024-02-29]

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