

Global Data Sharing Trends*

Over 4,600 Wiley authors from 112 countries completed our 2016 Wiley Open Science Researcher Insights Survey

By collating results of our Wiley authors from surveys on Open Science topics in 2013, 2014, and 2016, we have started to build a valuable dataset for analysis and trend identification. Despite geographical and subject-level differences among authors, there are underlying commonalities in Open Science practices. The insights reported by our respondents show a willingness to move forward with open initiatives, but confusion around the best ways to do so.

Data accessibility trends



Spent a large amount of time to make their data reproducible

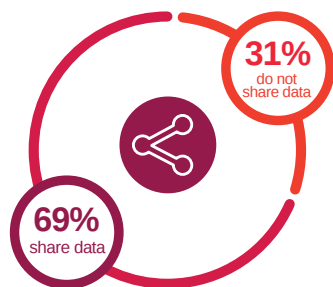


Used other researchers' publicly available data



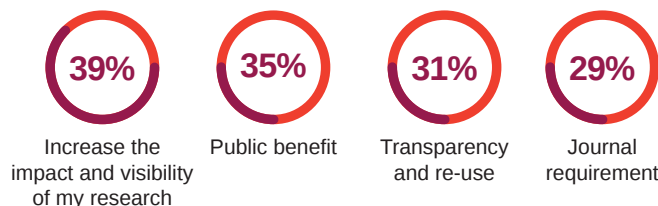
Checked another paper's source data

Data sharing in 2016



More than two thirds of Wiley researchers reported they are now sharing their data. Though this varies geographically and across research disciplines we are seeing that more researchers are sharing their data and taking efforts to make it reproducible. Archiving in institutional repositories, public repositories, and personal web pages has almost doubled since 2014.

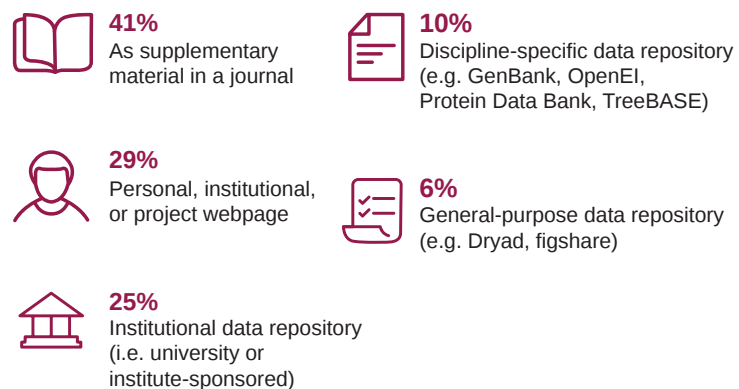
Top 4 researcher motivations for sharing data



Top 4 reasons why researchers are hesitant to share their data

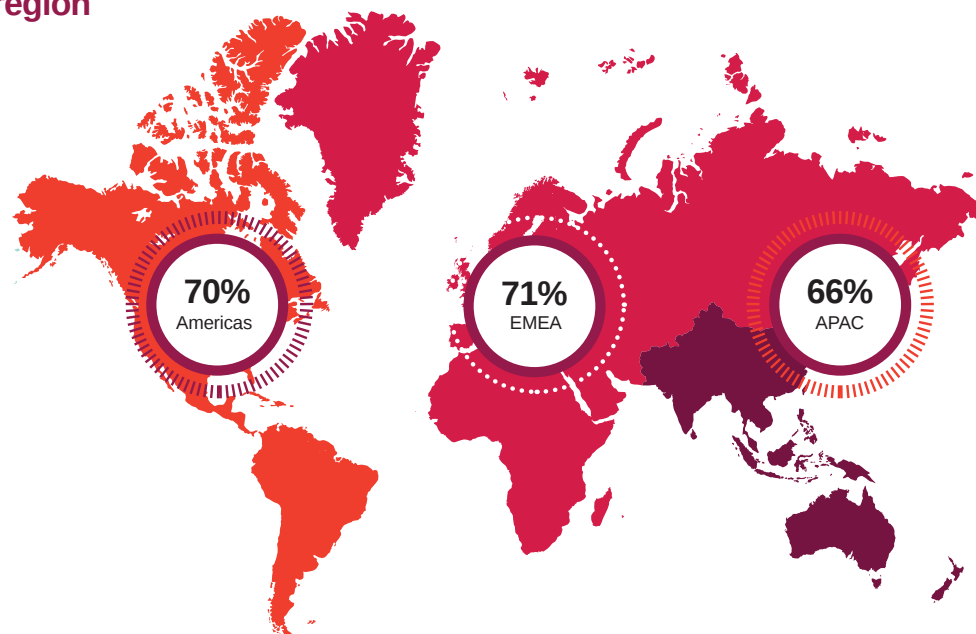
- 50% - Intellectual property or confidentiality issues
- 31% - Ethical concerns
- 23% - I am concerned about misinterpretation or misuse of my research
- 22% - I am concerned that my research will be scooped

Ways data is shared



Researchers also report sharing their data in other ways including: 49% are sharing their data at conferences while 34% of researchers share their data upon informal request (email, direct contact, etc).

Researchers sharing data by region



*Sharing data includes data the researchers have produced and shared.