**RESEARCHER DATA SHARING INSIGHTS**

- Wiley’s Researcher Data Insights Survey was launched earlier this year to understand how and why researchers make their research data publicly available. The study’s results, highlighted below, are intended to advance the global conversation about data sharing and help Wiley better meet the needs of our researchers, authors, and partners in the rapidly evolving landscape of scientific research and communications.

- The survey was deployed in March 2014 and received more than 2,250 responses from researchers around the world.

### Data Sharing Trends

Data sharing practices vary widely across research fields and geographic areas. Just over half of researchers report making their data publicly available, though archiving results in repositories is not yet the norm.

#### Global Data Sharing Trends

Data sharing is not yet the norm. Researchers report making their data publicly available in the fields and geographic areas. Just over half of researchers say they are sharing their data publicly. 

#### Data Sharing by Discipline

Data sharing, specifically by way of data repositories, is most prevalent amongst Life scientists, particularly those in the earth and environmental and agriculture and food sciences.

#### RESEARCHER MOTIVATIONS FOR SHARING DATA

<table>
<thead>
<tr>
<th>Motivation</th>
<th>United States</th>
<th>United Kingdom</th>
<th>Japan</th>
<th>China</th>
<th>Brazil</th>
<th>Australia</th>
<th>Germany</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal trust in the researcher</td>
<td>36%</td>
<td>25%</td>
<td>30%</td>
<td>23%</td>
<td>23%</td>
<td>18%</td>
<td>18%</td>
</tr>
<tr>
<td>Freedom of information request</td>
<td>52%</td>
<td>33%</td>
<td>50%</td>
<td>23%</td>
<td>23%</td>
<td>13%</td>
<td>13%</td>
</tr>
<tr>
<td>Publication requirement</td>
<td>13%</td>
<td>13%</td>
<td>13%</td>
<td>23%</td>
<td>23%</td>
<td>18%</td>
<td>18%</td>
</tr>
<tr>
<td>Supervisoral and accessibility</td>
<td>42%</td>
<td>50%</td>
<td>42%</td>
<td>37%</td>
<td>23%</td>
<td>25%</td>
<td>25%</td>
</tr>
<tr>
<td>Journal requirement</td>
<td>55%</td>
<td>50%</td>
<td>50%</td>
<td>50%</td>
<td>50%</td>
<td>50%</td>
<td>50%</td>
</tr>
<tr>
<td>Transparency and re-use</td>
<td>57%</td>
<td>55%</td>
<td>55%</td>
<td>55%</td>
<td>55%</td>
<td>55%</td>
<td>55%</td>
</tr>
<tr>
<td>To increase the impact and visibility of my research</td>
<td>55%</td>
<td>52%</td>
<td>52%</td>
<td>52%</td>
<td>52%</td>
<td>52%</td>
<td>52%</td>
</tr>
<tr>
<td>Data sharing is standard procedure within my research community</td>
<td>57%</td>
<td>57%</td>
<td>57%</td>
<td>57%</td>
<td>57%</td>
<td>57%</td>
<td>57%</td>
</tr>
</tbody>
</table>

#### REASONS WHY RESEARCHERS ARE HESITANT TO SHARE THEIR DATA

- 42% believe that protecting intellectual property is a concern.
- 36% believe their funder/institution does not require data sharing.
- 26% are concerned that their work will be scooped.
- 26% are concerned about misinterpretation or misuse.
- 23% believe that their work does not require them to share their data.
- 22% wish that more researchers were making their data public.
- 21% do not know where to share their data.
- 20% believe that sharing data is not required to by their funder.
- 16% believe that sharing data is not made easy for them.
- 12% believe that they do not have the time to share data.
- 11% believe that sharing data is not relevant to their work.
- 7% believe that they lack the funding to share data.

#### Data Sharing by Country

<table>
<thead>
<tr>
<th>Country</th>
<th>Sharing</th>
<th>Not Sharing</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>54%</td>
<td>46%</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>57%</td>
<td>43%</td>
</tr>
<tr>
<td>Japan</td>
<td>56%</td>
<td>44%</td>
</tr>
<tr>
<td>China</td>
<td>59%</td>
<td>41%</td>
</tr>
<tr>
<td>Brazil</td>
<td>52%</td>
<td>48%</td>
</tr>
<tr>
<td>Australia</td>
<td>51%</td>
<td>49%</td>
</tr>
<tr>
<td>Germany</td>
<td>51%</td>
<td>49%</td>
</tr>
<tr>
<td>Average</td>
<td>51%</td>
<td>49%</td>
</tr>
</tbody>
</table>

#### Ways Data is Shared

- **67%** As supplementary material in a journal
- **37%** Personal, institutional or project webpage
- **26%** Institutional data repository (such as university or institute-sponsored)
- **19%** Discipline-specific data repository
- **6%** General-purpose data repository (e.g. Dryad, figshare)
- **5%** Other

### General Data Sharing by Discipline

- **Health Sciences**
  - 52% sharing
  - As supplementary material in a journal (66%)
  - Personal/institutional/lab webpages (29%)
  - Institutional data repositories (26%)

- **Life Sciences**
  - 55% sharing
  - As supplementary material in a journal (44%)
  - Discipline-specific data repositories (33%)
  - Institutional data repositories (29%)

- **Physical Sciences**
  - 64% sharing
  - As supplementary material in a journal (45%)
  - Personal/institutional/lab webpages (26%)
  - Institutional data repositories (21%)

A typical Health Science researcher says she would be motivated to share more of her data in the future if she was guaranteed proper credit.

A typical Life Science researcher says she would be motivated to share more of her data in the future if it increased the impact and visibility of her work or if she was required to by her funder.

A typical Physical Science researcher says she would be motivated to share more of her data in the future if it increased the impact and visibility of her work or if she was required to by her funder.

#### Data Sharing Reasons Why

- **42%** Have not received proper citation credit or attribution
- **36%** Their funder/institution does not require data sharing
- **26%** Are concerned that their work will be scooped
- **26%** Are concerned about misinterpretation or misuse
- **23%** Believe that their work does not require them to share their data
- **22%** Wish that more researchers were making their data public
- **21%** Do not know where to share their data
- **20%** Believe that sharing data is not required to by their funder
- **16%** Believe that sharing data is not made easy for them
- **12%** Believe that they do not have the time to share data
- **11%** Believe that sharing data is not relevant to their work
- **7%** Believe that they lack the funding to share data

### Data Sharing by Social Sciences & Humanities

- **52%** As supplementary material in a journal
- **51%** Personal/institutional/lab webpages
- **25%** Institutional data repositories (such as university or institute-sponsored)
- **3%** General-purpose data repositories (e.g. Dryad, figshare)
- **2%** Discipline-specific data repositories

A typical Social Science and Humanities researcher says she would be motivated to share her data in the future if it increased the impact and visibility of her work or if she was required to by her funder.