



New Evidence on Storage Practices

Preliminary Results from the 2023 NDSA Storage Survey

**NDSA% DIGITAL
PRESERVATION**

2023 Survey

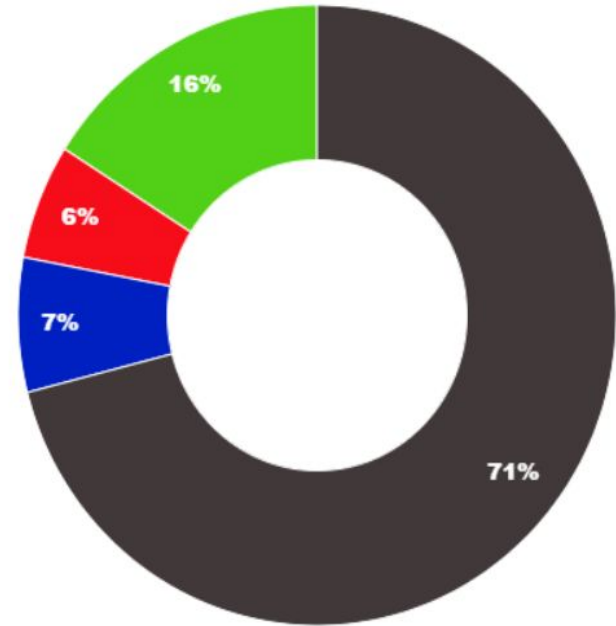
- Previous surveys conducted in 2011, 2013, and 2019
- 2023 survey adds to longitudinal data to observe trends
- **Goal:**
 - To gather current information and insight on trends, technologies, standards, and practices that impact digital preservation storage and evaluate changes from previous surveys
- Changes to this survey
 - Removed questions on fixity
 - Added questions on environmental impact

Methodology

- Kept most questions from previous survey (2019)
- Survey conducted using Qualtrics software
- Open from 24 October - 22 November 2023
- Distributed through 18 listservs
- Open to NDSA members and non-members

Survey Participants

- Received 138 completed responses; 14 Countries
 - United States 71%
 - United Kingdom 7%
 - Afghanistan, Australia, Canada, Denmark, Finland, Germany, Ireland, Netherlands, New Zealand, Norway, Switzerland, and Uruguay
- Majority of respondents (64%) were not NDSA members
- Majority of respondents (58%) were from academic institutions



● United States ● United Kingdom ● Australia ● Others

**NDSA% DIGITAL
PRESERVATION**

2023 Survey Highlights

- Greater number of respondents compared to previous years (+35% from 2019)
- Digital preservation is viewed as a core operational service
- Organizations are decreasingly using onsite storage and hardware-based file systems
- Increase in cloud based systems for preservation storage (+10% from 2019)

Highlight: Environmental Impact

Q44: Digital Preservation, including storage, is a core operational service: **Strongly Agree**

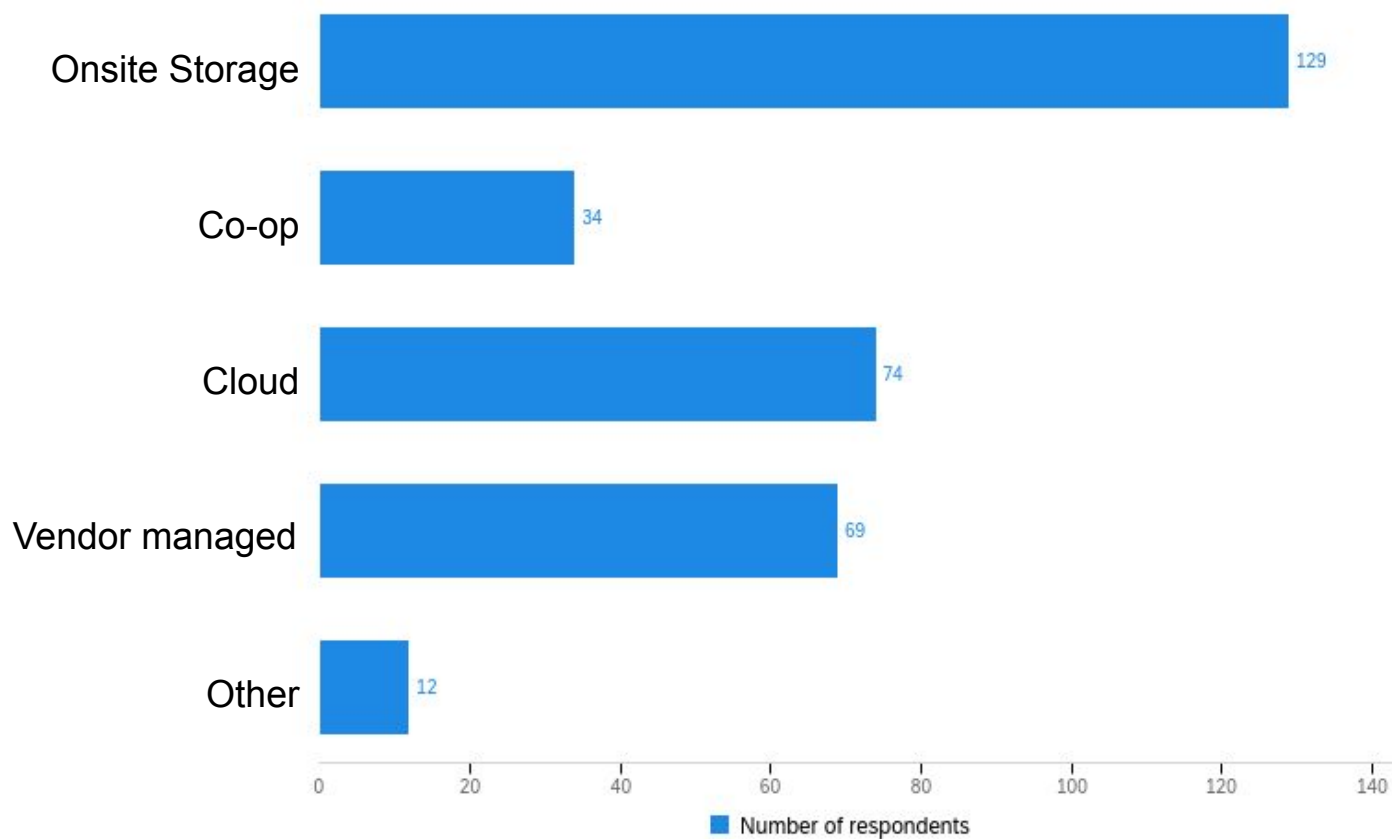
Q46 - Do you consider environmental impact when planning your storage infrastructure?

- Yes
- No



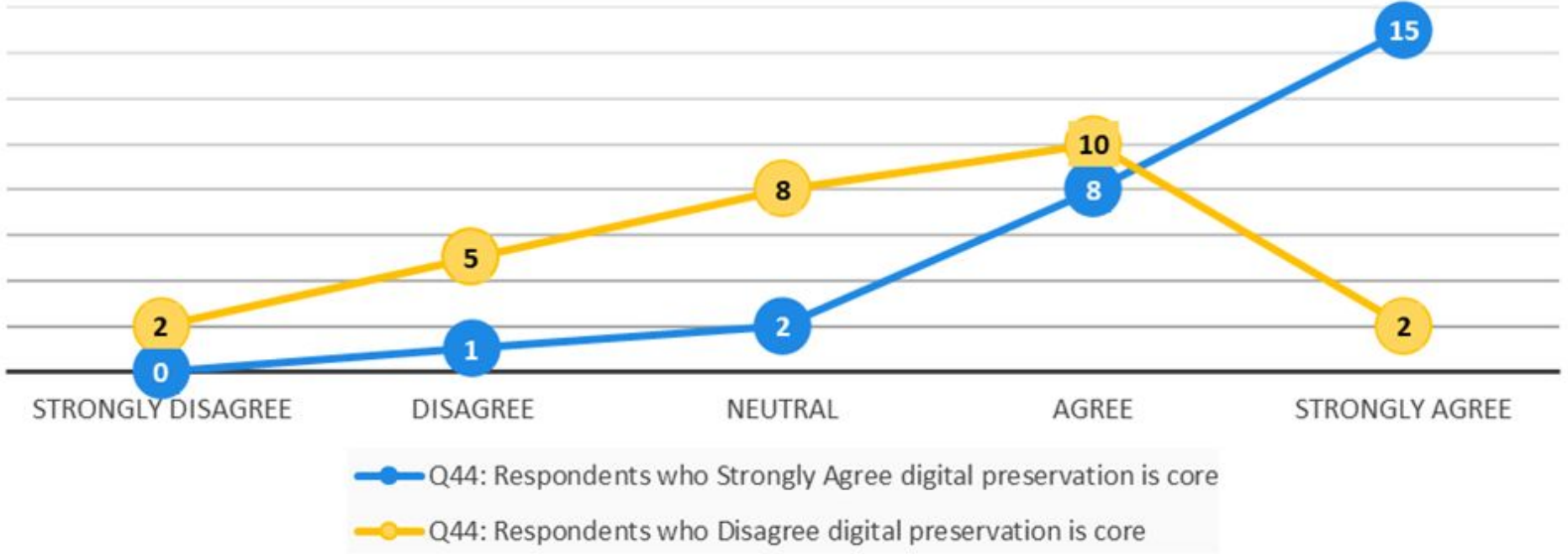
**NDSA% DIGITAL
PRESERVATION**

Cloud Storage



**NDSA% DIGITAL
PRESERVATION**

Successes and Challenges



**NDSA% DIGITAL
PRESERVATION**



Plans for Publication

- Storage Survey Working Group: <https://ndsa.org/groups/storage-survey/>
- Final report is currently being edited and will be published later this year
- Report will include results from all survey questions
- The full report along with the survey and data will be available on the National Digital Stewardship Alliance (NDSA) webpage through OSF: <https://osf.io/4d567/>

Thank You!

- Thank you to everyone who participated in the survey, we are grateful for the data to get a better understanding of current practices
- Thank you to the Storage Survey Working Group members

Presentation created and presented by:

Amy Allen, Alan Munshower, Amanda Garfunkel, Kari L. May, and Max Prud'homme



**NDSA% DIGITAL
PRESERVATION**