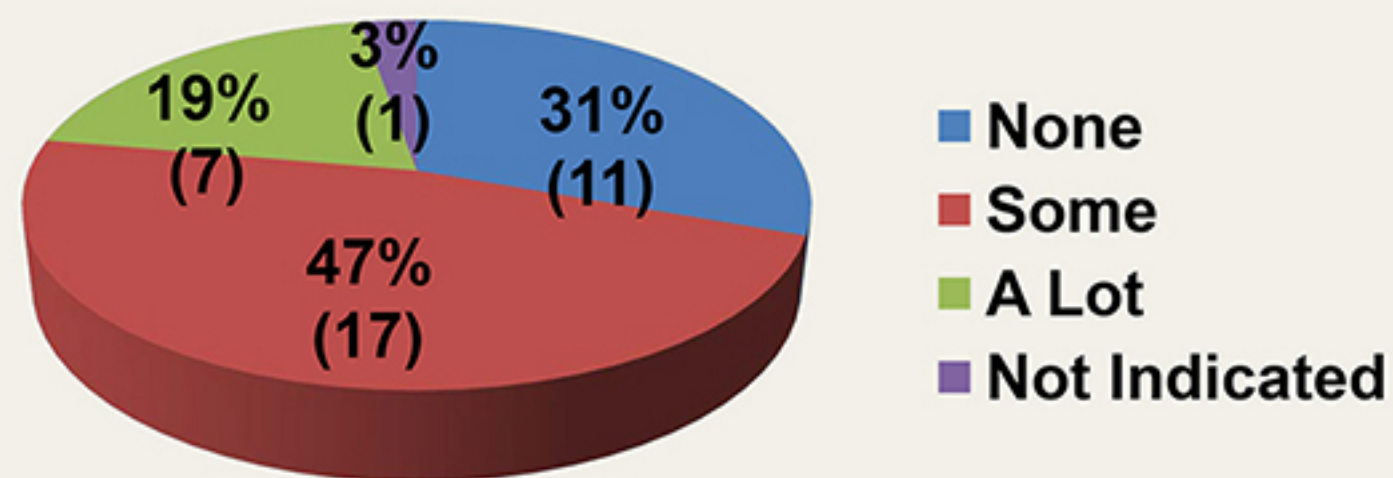# The Road to Implementing Successful Research Data Services: Moving from Challenge to Benefits

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OCLC Research

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RDS Experience (N=36)

- 31% (11) None
- 47% (17) Some
- 19% (7) A Lot
- 3% (1) A Lot / Not Indicated

Legend:
- None
- Some
- A Lot
- Not Indicated

Years of Library Experience (N=36)

- 11+ Years (31%)
- 6-10 Years (39%)
- 1-5 Years (47%)

(axis: 0, 5, 10, 15, 20) — Years

Top 3 Data Services & Delivery Methods (N=36)

Data Services	Delivery Methods
Data deposit 67%	Consultation 56%
Data mgmt planning 61%	Education 44%
Data mgmt 42%	Collaboration 28%

Background

This study explores librarians' early experiences designing and delivering research data services (RDS) with the objective of informing practical, effective approaches for the larger academic community.

Data collection

One-on-one interviews with 10 librarians
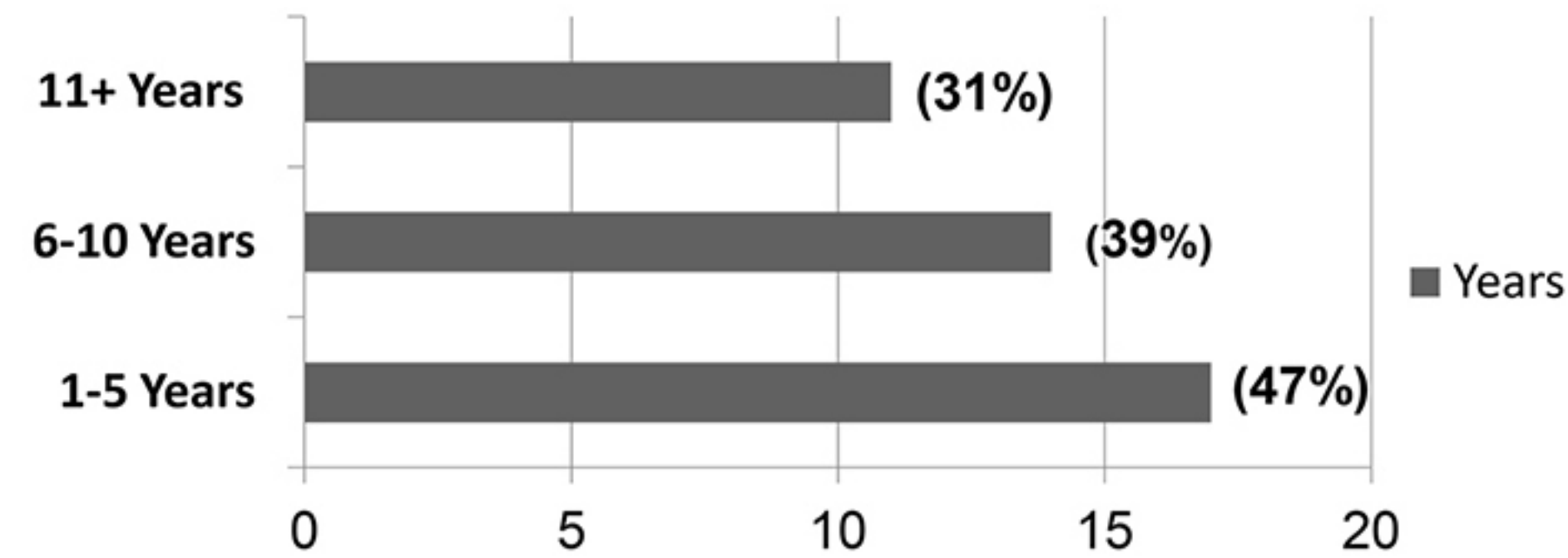Focus group interviews with 26 librarians

http://www.oclc.org/research/activities/e-research.html

Top Librarian Challenges

33% lack of resources
28% lack of time
28% uncertain data storage plan
25% not seen as the go-to
22% unfamiliar/diverse inquires, data, disciplines, resources

Top Librarian Benefits

36% learning new things
33% library remaining relevant
31% work is interesting, enjoyable, rewarding, etc.
28% engaging/building relationships with researchers

What facilitates RDS provision? (n=36)

RESOURCES (n=27)

59% human resources
30% institutional repositories, server space

TRAINING (n=23)

39% had/are engaged in training
91% need/have planned training

COMMUNICATION, COORDINATION, COLLABORATION (n=23)

52% w/other campus units
22% w/researchers
20% w/colleagues in the library

LEADERSHIP SUPPORT (n=12)

67% inside the library
50% outside the library

Librarian Confidence Providing needed RDS (N=36)

19% don't feel or are not highly confident

25% feel fairly or very confident

Implications

- RDS are energizing librarians, their work, their relationships, and the library

- Libraries have to strike a balance between hiring new and developing existing human resources

- Librarians need to build on campus relationships to pool expertise around the design, development and delivery of RDS

Next Steps

Capitalize on the strategic thinking of research libraries by learning about strategic approaches research libraries have developed to support e-research and sharing findings with the library community

Did your institution attend an E-Science Institute and develop a strategic agenda?

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