Assessment of Data Management Services at New England Region Resource Libraries

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Introduction
This study focuses on sixteen New England medical and biomedical libraries and their plans for developing research data services. Health and science librarians are very interested in providing these types of services but have faced many barriers in funding, personnel and institutional support. Results of this survey show few of these libraries are currently integrating research data management into their libraries’ services, but are using available resources to address challenges and barriers.

Methods
Population for this study included the National Network of Libraries of Medicine, New England Region (NER) Resource Libraries. A forty-question online survey looked into these libraries’ services and programs for data management education and support. Sixteen of the seventeen NER libraries shared their processes for creating data services and highlighted their institution’s needs and challenges.

Conclusions
Understanding the types of data services that are being delivered at NER libraries helps to inform the NN/LM NER about the e-Science learning needs of New England medical librarians and helps in the planning of professional development programs. This assessment highlights the region’s use of resources provided by the NN/LM NER Regional Medical Library at the University of Massachusetts Medical School.

Complete understanding of NER data management services would benefit from future research on the differences between services at hospitals and academic campuses, and what kinds of data these institutions handle, especially if they are concerned with constraints on public health data under Institutional Review Board and HIPAA policies.

NN/LM New England Region Resource Libraries
17 academic, medical and hospital libraries
Provide health professionals equal access to biomedical information and aim to improve the public’s access to information
(National Network of Libraries of Medicine)

Data Management
Process of planning, controlling and preserving information generated during a research project

Data Services & Programs
Include any guidance, education and training offered in support of researchers, institutions and agency goals (e-Science Portal for New England Librarians)

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New England Region

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Does your library have a program to address data management needs?

NER Barriers to Providing Data Services

- What are your institutional challenges?
- Unaware of other institutional services
- Ineffective promotion of the library’s role
- Confusion about “data services”
- Require stakeholder support and time
- No requests, need or priority
- Need for policies
- Lack of staff time and experience
- Difficult to raise awareness

Does your library have formal data services positions?

- Does your library have formal data services positions?
- Yes
- No

Employee Development

Online Resources

Classes and Workshops

Employee Development

Online Resources

Classes and Workshops

Do your library have a program to address data management needs?

No 7

Yes 5

Developing 7

No 12

Yes 3

Developing 3

Confusion about “data services”

Ineffective promotion of the library’s role

Require stakeholder support and time

No requests, need or priority

Need for policies

Lack of staff time and experience

Difficult to raise awareness

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