MINES for Libraries®

MINES for E-Books

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What is MINES for Libraries®?

Measuring the Impact of Networked Electronic Services (MINES for Libraries®) is an online transaction-based survey that collects data on the purpose of use of electronic resources and the demographics of users. As libraries implement access to electronic resources through portals, collaborations, and consortium arrangements, the MINES for Libraries® protocol offers a convenient way to collect information from users.

Why Participate?

MINES collects valid survey data not available through vendor-supplied statistics, and can help libraries understand their networked electronic resources.

Origins of MINES for Libraries®?

MINES for Libraries® was developed by Brinley Franklin and Terry Plum as an online transaction-based survey to supplement a library's existing analysis.

How is the MINES for Libraries® survey conducted?

MINES is a Web-based transactional survey that is presented to the user as the first digital resource is selected for use.

MINES for Libraries® aims to:

- Measure the value and impact of digital content
- Determine how specific user populations apply digital content to their work, based on demographic and purpose of use analyses
- Identify where library use originates in the networked environment and tailor services accordingly...

More Resources

- Measuring use of licensed electronic resources: A second iteration of the MINES for Libraries® survey on Scholars Portal and other resources for the Ontario Council of University Libraries
- The Value of Digital Content in the Academic Library

NEWS

- 2/1/2012 Call for Proposals: Library Assessment Conference 2012
- 6/20/2011 Announcing the LibQUAL+® Membership Subscription

EVENTS

- 6/22/2012 ARL/LibQUAL+®/StatsQUAL® Booth #1231 at ALA Annual - Anaheim, CA
- 4/17/2012 ARL Statistics & Assessment Webcast Series
- 1/20/2012 ARL/LibQUAL+®/StatsQUAL® Booth #1649 at ALA Midwinter in Dallas - Dallas, Texas

PUBLICATIONS

- Measuring use of licensed electronic resources: A second iteration of the MINES for Libraries® survey on Scholars Portal and other resources for the Ontario Council of University Libraries
- The Value of Digital Content in the Academic Library

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Statistics and Assessment Program

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Interceptor or point-of-use

• Where to intercept?
  o Must be done locally.

• Scripts – especially if locally developed
  o ColdFusion
  o php
  o JavaScript

• Proxy services
  o EZproxy

• OpenURL link resolvers
  o SFX (Ex Libris)
  o WebBridge (III)
  o 360 Link (Serials Solutions)

• Authentication services – if tied closely to the target
  o Consortia or State-wide services – authentication or proxy
Complete this survey to proceed to your requested resource.
UC San Diego is conducting an anonymous, 2-hour cost analysis of library use which may benefit the library's budget. Thanks for your help.

### What's your classification?
**Required – Select one**

<table>
<thead>
<tr>
<th>Option</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UCSD Undergraduate Student</td>
<td>O</td>
</tr>
<tr>
<td>UCSD Graduate Student Medical, Pharmacy, &amp; other Graduate/Professional Schools</td>
<td>O</td>
</tr>
<tr>
<td>UCSD Personnel Faculty, Staff, Fellow, Resident, Post-Doc, &amp; Clinical Faculty</td>
<td>X</td>
</tr>
<tr>
<td>Non-UCSD</td>
<td>O</td>
</tr>
</tbody>
</table>

### Why are you using the requested resource?
**Required – Select one**

<table>
<thead>
<tr>
<th>Option</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sponsored (Funded) Research</td>
<td>O</td>
</tr>
</tbody>
</table>
| - Research funded by grants or contracts from federal, state, or local governments
- Research funded for grants or contracts from a foundation or other outside party
- Separately budgeted research projects funded by university money
- Research training Category includes only specially funded research projects, which are separately budgeted and accounted for as organized research projects by the institution. |
| Instruction/Education/Departmental (Non-Funded) Research              | O|
| Patient Care                                                          | O|
| Other Sponsored Activities (Public Service)                          | O|
| Other Institutional Activities                                        | O|

### Which department, division, or school do you belong to?
**Optional – Enter text**

### What's the name of your sponsor or fund source?
**Optional – Enter text**

Choose one of the following options:
- Name of Sponsor or Fund Source
  - E.g., AHF, ASS, DOE, DOI, State of California, American Cancer Society, Gileadtech, Mellon Foundation, NEH, etc.
- Name of Principal Investigator/Researcher
- Name of Grant or Fund Number

[Submit Survey]

Questions about this survey? Let us know!
MINES for Libraries

Example 2

The University Libraries and Wegner Health Science Information Center request your assistance to assess how well our electronic resources are meeting your needs. Just two minutes of your time spent responding to the following five questions will help guide future resource purchases.

All responses are anonymous. The questionnaire has been reviewed by the USD Institutional Review Board.

After completing the questionnaire, you will be connected to the resource you selected.

What is your primary affiliation? [Select]

If other please specify: ______________________

What is your status? [Select]

What is your current location? [Select]

What is your current purpose for using this online resource? [Select]

What comments do you have regarding USD and Wegner Center online resources?

Thank you for your help!

If you have any questions, please email libqual@usd.edu.
What is an e-Book

For the purposes of this survey, the term e-book was defined as an electronic text publication, excluding journal publications and textbooks, made available for any device (handheld or desk-bound) which includes a screen.

- (Spec Kit 313: E-Books Collections)

Digital documents, licensed or not, where searchable text is prevalent, and which can be seen in analogy to a print book (monograph). The use of eBooks is in many cases dependent on a dedicated device and/or a special reader or viewing software.

- **Note 1:** eBooks can be lent to users either on portable devices (eBook readers) or by transmitting the contents to the user's PC for a limited time period.
- **Note 2:** Doctoral dissertations in electronic format are included.

Include e-book units, as long as these e-books are owned or leased and have been cataloged by your library. Include electronic books purchased through vendors such as NetLibrary® or Books 24x7, and e-books that come as part of aggregate services. Include individual titles of e-book sets that are treated as individual reference sources. Include locally digitized electronic books and electronic theses and dissertations.

- ARL - Question 1. Volumes in Library
What is an e-Book Use

• For the purpose of this study, a "use" of an e-book is counted when a user successfully views or downloads a section (generally by chapter) of an e-book through the vendor's portal.
  
    http://www.york.ac.uk/media/abouttheuniversity/supportservices/informationdirectorat/documents/northumbriapresentations/Northumbria%20August%202011.ppt

• COUNTER Code of Practice for e-Resources: Release 4
  
  o Published April 2012
  o http://www.projectcounter.org/code_practice.html
Web and Pencil

• Mixed mode survey
• Usually compare web survey method to paper survey method
  o Distribution of values
  o Response rates
  o Self-selection bias
  o Evidence of digital divide
  o Validity and reliability
• Not identical
  o Similar activities
• Intercept
6. How many physical library materials did you use, photocopy, or scan while in the library on this visit?

<table>
<thead>
<tr>
<th></th>
<th>Sponsored (Fund)</th>
<th>Instruction/Education/</th>
<th>Other Sponsored</th>
<th>Other Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Research Projects</td>
<td>Non-Sponsored Research</td>
<td>Activities</td>
<td>Activities</td>
</tr>
<tr>
<td>Books</td>
<td>☐ ☐</td>
<td>☐ ☐</td>
<td>☐ ☐</td>
<td>☐ ☐</td>
</tr>
<tr>
<td>Journals/Periodicals/N</td>
<td>☐ ☐</td>
<td>☐ ☐</td>
<td>☐ ☐</td>
<td>☐ ☐</td>
</tr>
<tr>
<td>Newspapers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Microforms/Maps/Multimedia (CDs, DVDs, etc.)</td>
<td>☐ ☐</td>
<td>☐ ☐</td>
<td>☐ ☐</td>
<td>☐ ☐</td>
</tr>
<tr>
<td>Government Documents</td>
<td>☐ ☐</td>
<td>☐ ☐</td>
<td>☐ ☐</td>
<td>☐ ☐</td>
</tr>
</tbody>
</table>

7. How many physical library materials did you check out for use outside the library on this visit?

<table>
<thead>
<tr>
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<th>Instruction/Education/</th>
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<th>Other Activities</th>
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<td>☐ ☐</td>
<td>☐ ☐</td>
<td>☐ ☐</td>
</tr>
<tr>
<td>Multimedia (CDs, DVDs, etc.)</td>
<td>☐ ☐</td>
<td>☐ ☐</td>
<td>☐ ☐</td>
<td>☐ ☐</td>
</tr>
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</table>
Research Questions

• Does use of e-books for funded research resemble use of print books for funded research (mixed mode)

• How are e-books being used in health sciences libraries

• Are the demographics of e-book users similar to the demographics of print book users.
About the Sample

• It was drawn from MINES for Libraries® studies that included e-book usage at ten academic research libraries between July, 2009 and June, 2012.

• The libraries included represented seven Association of Research Libraries (ARL) member libraries.

• More than 4,000 e-book uses were included in the sample.

• The ten academic research libraries included in the study included:
  
  o Four main campus libraries with a separate health sciences library that also offered electronic resources, including e-books. At these four libraries (libraries 1-4), users were primarily associated with the main campus.

  o Four health sciences libraries that offered their own electronic resources, including e-books. At these four libraries (libraries 5-8), users were primarily from the health sciences.

  o Two libraries (libraries 9 and 10) where electronic resources, including e-books, were offered centrally to both main campus and health sciences users.
E-Resource Usage by Funded Researchers

- Percentage of e-book usage related to funded research
- Percentage of database use related to funded research
- Percentage of e-journal use related to funded research
Reverse Trends in E-Resource Usage

**Funded Researchers**
- e-books
- databases
- e-journals

**Patient Care**
- e-book
- database
- e-journal
At 8 of 10 libraries, print book use related to funded research was higher than e-book use.
Classifications of E-Book Users and Print Book Users
(Main Libraries)

Trend

- Undergraduate Median
- Graduate Student Median
- Faculty/Staff Median

Percent of print book users
Percent of e-book users

Faculty/Staff | Graduate Student | Undergraduate | Other User
Faculty/Staff | Graduate Student | Undergraduate | Other User
Faculty/Staff | Graduate Student | Undergraduate | Other User
Faculty/Staff | Graduate Student | Undergraduate | Other User
Affiliations of E-Book users and Print Book Users

<table>
<thead>
<tr>
<th>Library</th>
<th>Affiliations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Library 1 (FY 2010)</td>
<td>Arts and Sciences, Business, Agriculture, Medicine, Law, Library Science</td>
</tr>
<tr>
<td>Library 2 (FY 2010)</td>
<td>Arts and Sciences, Business, Engineering</td>
</tr>
<tr>
<td>Library 3 (FY 2012)</td>
<td>Arts and Sciences, Medicine, Engineering, Business</td>
</tr>
<tr>
<td>Library 4 (FY 2012)</td>
<td>Pharmacy, Medicine, Dentistry, Public Health</td>
</tr>
<tr>
<td>Library 5 (FY 2010)</td>
<td>Medicine, Dental School, Public Health</td>
</tr>
<tr>
<td>Library 6 (FY 2011)</td>
<td>Arts &amp; Sciences, Agriculture, Biological Sciences</td>
</tr>
<tr>
<td>Library 7 (FY 2011)</td>
<td>Pharmacy, Liberal Arts, Business</td>
</tr>
</tbody>
</table>

Trends:
- Arts & Sciences: Increase in e-books, decrease in print books
- Professional Schools: Decrease in e-books, increase in print books

Percent of e-book users
Percent of print book users
Some Closing Thoughts

• While e-journals users’ demographics and purposes of use resembled print journal users, e-book users reflect different demographics patterns of use.

• Further research is needed on the characteristics of e-book use as it becomes more prevalent. For example:
  o For example, will funded researchers use of e-books eventually compare to the extent they currently use print books?
  o Will the significant use of e-book reference tools by academic patient care providers continue or be replaced by another medium?
  o Why are undergraduates a greater percentage of print book users than e-book users?
  o Will liberal arts and sciences use of e-books as a percentage of all users increase in the coming years?
Thank You!

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