



MINES for Libraries®

MINES for E-Books

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LIBRARIES





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

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 cost 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

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](#)



NEWS

- + [2/1/2012 Call for Proposals: Library Assessment Conference 2012](#)
- + [6/20/2011 Announcing the LibQUAL+® Membership Subscription](#)
- + [6/7/2011 Service Quality Evaluation Academy Now Accepting Nominations for 2012](#)

[+ MORE NEWS](#)

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](#)

[+ MORE EVENTS](#)

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](#)
- + [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](#)

[+ MORE RESOURCES](#)





Intercept or point-of-use

- Where to intercept?
 - Must be done locally.
- Scripts – especially if locally developed
 - ColdFusion
 - php
 - JavaScript
- Proxy services
 - EZproxy
- OpenURL link resolvers
 - SFX (Ex Libris)
 - WebBridge (III)
 - 360 Link (Serials Solutions)
- Authentication services – if tied closely to the target
 - Consortia or State-wide services – authentication or proxy



Example 1

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

UCSD Undergraduate Student	<input type="radio"/>
UCSD Graduate Student Medical, Pharmacy, & other Graduate/Professional Schools	<input type="radio"/>
UCSD Personnel Faculty, Staff, Fellow, Resident, Post-Doc, & Clinical Faculty	<input checked="" type="radio"/>
Non-UCSD	<input type="radio"/>

Why are you using the requested resource?

Required – Select one

Sponsored (Funded) Research <ul style="list-style-type: none"> • 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 <i>Category includes only specially funded research projects, which are separately budgeted and accounted for as organized research projects by the institution.</i>	<input checked="" type="radio"/>
Instruction/Education/Departmental (Non-Funded) Research	<input type="radio"/>
Patient Care	<input type="radio"/>
Other Sponsored Activities (Public Service)	<input type="radio"/>
Other Institutional Activities	<input type="radio"/>

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., NIH, NSF, DOE, DOD, State of California, American Cancer Society, Genentech, Mellon Foundation, NEH, etc.
- Name of Principal Investigator/Researcher
- Name of Grant or Fund Number

Submit Survey



Example 2



MINES For Libraries™
Measuring the Impact of Networked Electronic Services

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?

If other please specify:

What is your status?

What is your current location?

What is your current purpose for using this online resource?

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.
 - NISO - NISO Z39.7-201X, *Information Services and Use: Metrics & statistics for libraries and information providers - Data Dictionary* <http://www.niso.org/dictionary/section4/>
- 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.
 - Chrzastowski, Tina E., "Assessing the Value of E- books to Academic Libraries and Users." 9th Northumbria Performance Measures Conference, August 22-25, 2011. York, UK.
<http://www.york.ac.uk/media/abouttheuniversity/supportservices/informationdirectorates/documents/northumbriapresentations/Northumbria%20August%202011.ppt>
- COUNTER Code of Practice for e-Resources: Release 4
 - Published April 2012
 - http://www.projectcounter.org/code_practice.html



Web and Pencil

- Mixed mode survey
- Usually compare web survey method to paper survey method
 - Distribution of values
 - Response rates
 - Self-selection bias
 - Evidence of digital divide
 - Validity and reliability
- Not identical
 - Similar activities
- Intercept



Web and Pencil

6. How many physical library materials did you use, photocopy, or scan while **in the library** on this visit?

	Sponsored (Funded) Research Projects	Instruction/Education/ Non-Sponsored Research	Other Sponsored Activities	Other Activities
Books	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Journals/Periodicals/Newspapers	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Microforms /Maps/Multimedia (CDs, DVDs, etc.)	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Government Documents	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

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

	Sponsored (Funded) Research Projects	Instruction/Education/ Non-Sponsored Research	Other Sponsored Activities	Other Activities
Books	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Multimedia (CDs, DVDs, etc.)	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Government Documents	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Journals/Periodicals	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>



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.

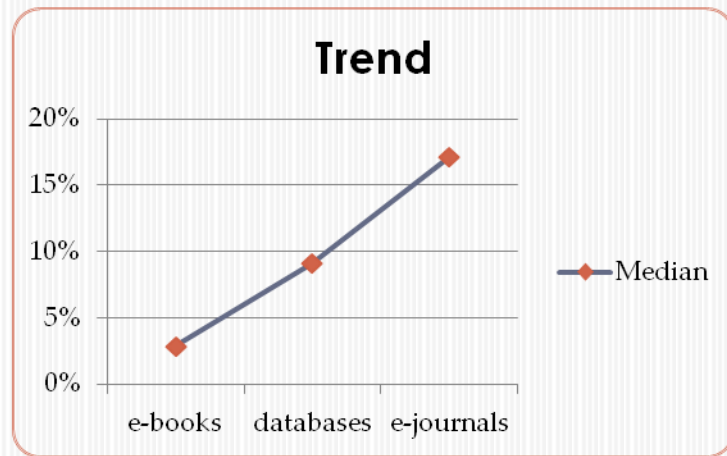
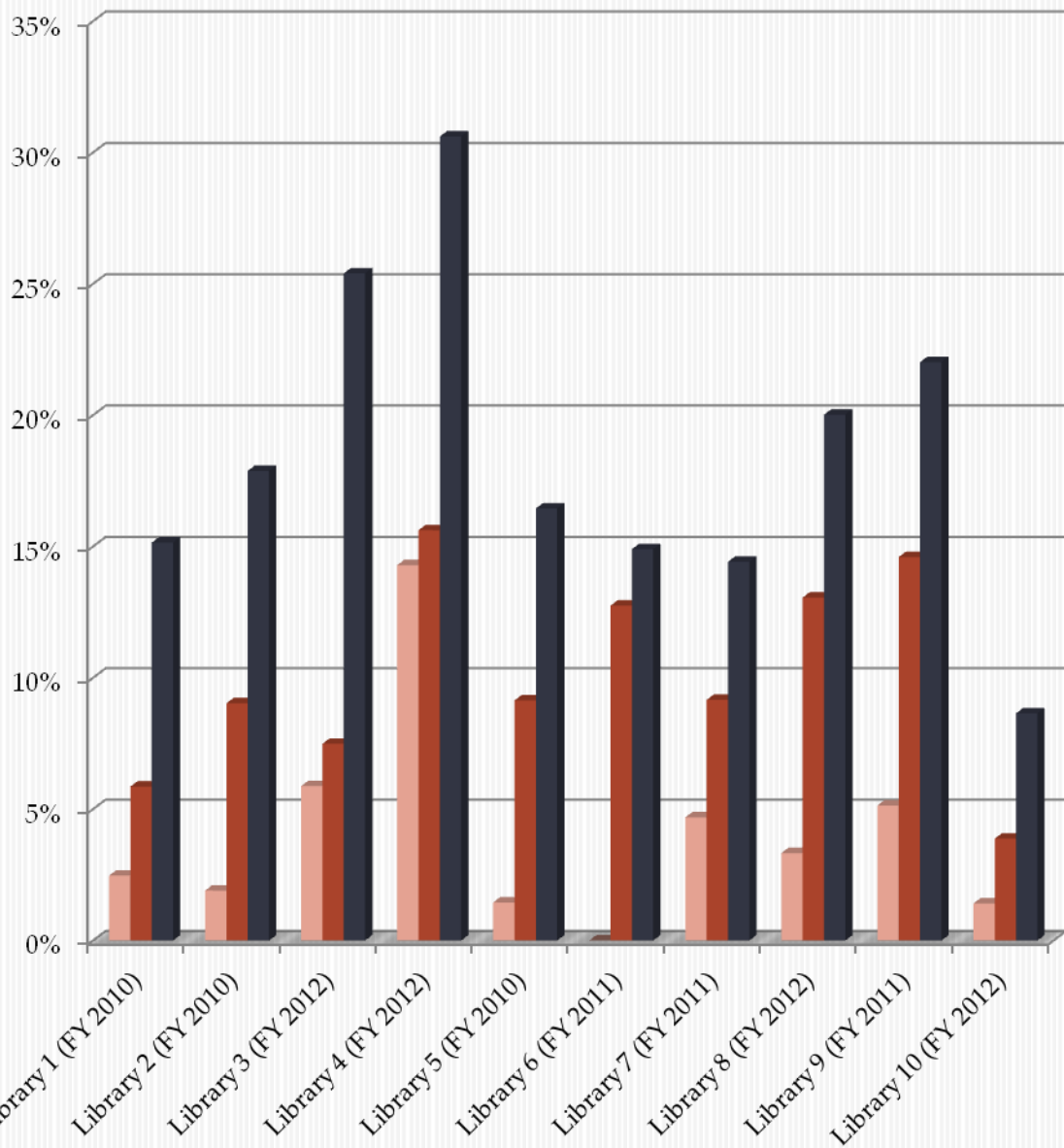


About the Sample

- 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:
 - 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.
 - 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.
 - Two libraries (libraries 9 and 10) where electronic resources, including e-books, were offered centrally to both main campus and health sciences users.



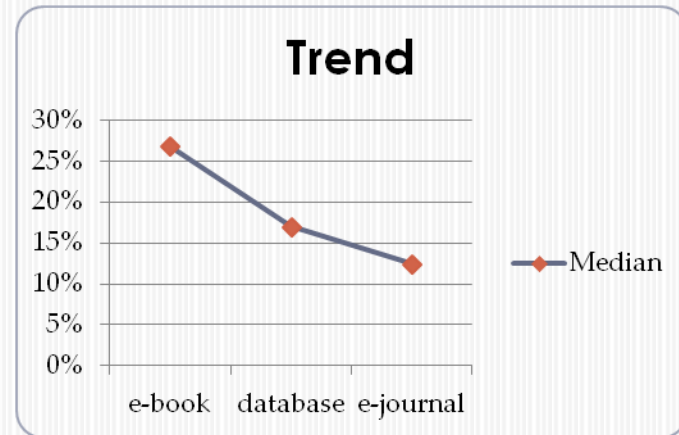
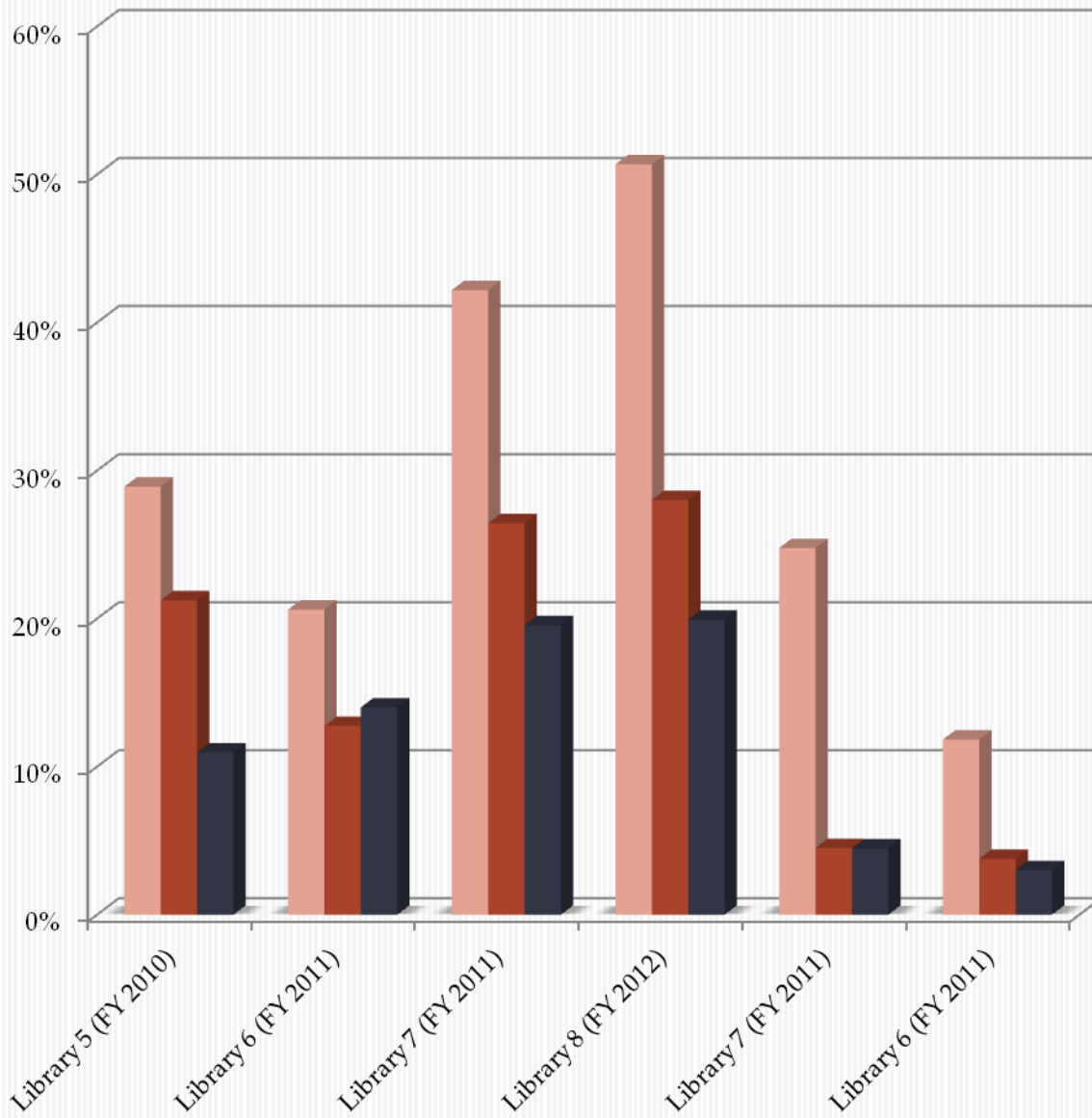
E-Resource Usage by Funded Researchers



- 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



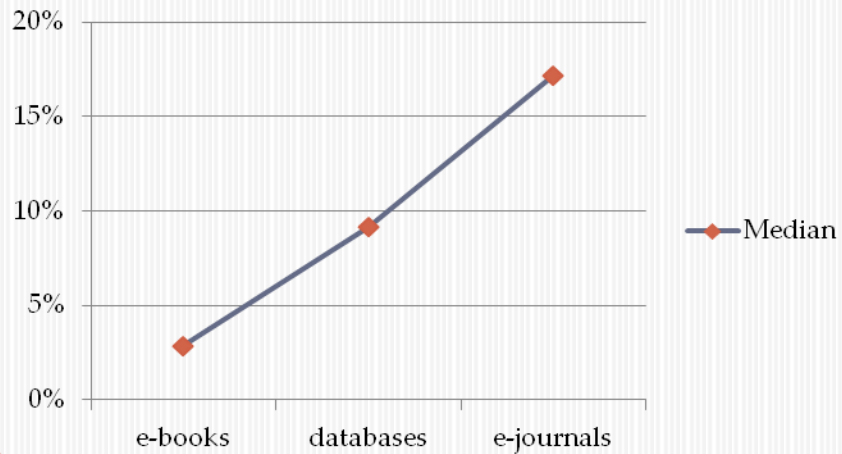
E-Resource Usage Related to Patient Care



- Percentage of e-book use related to patient care
- Percentage of database use related to patient care
- Percentage of e-journal use related to patient care

Reverse Trends in E-Resource Usage

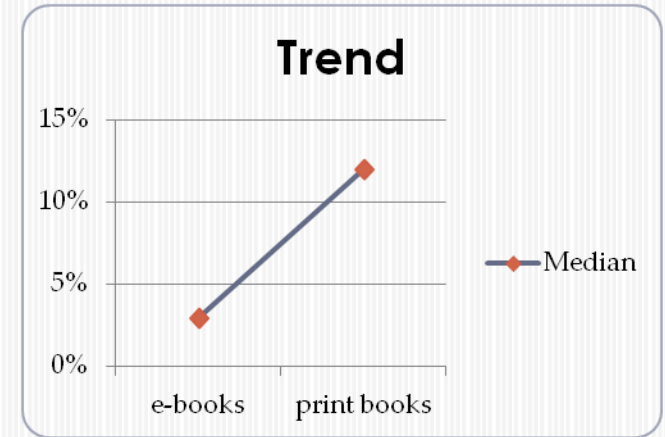
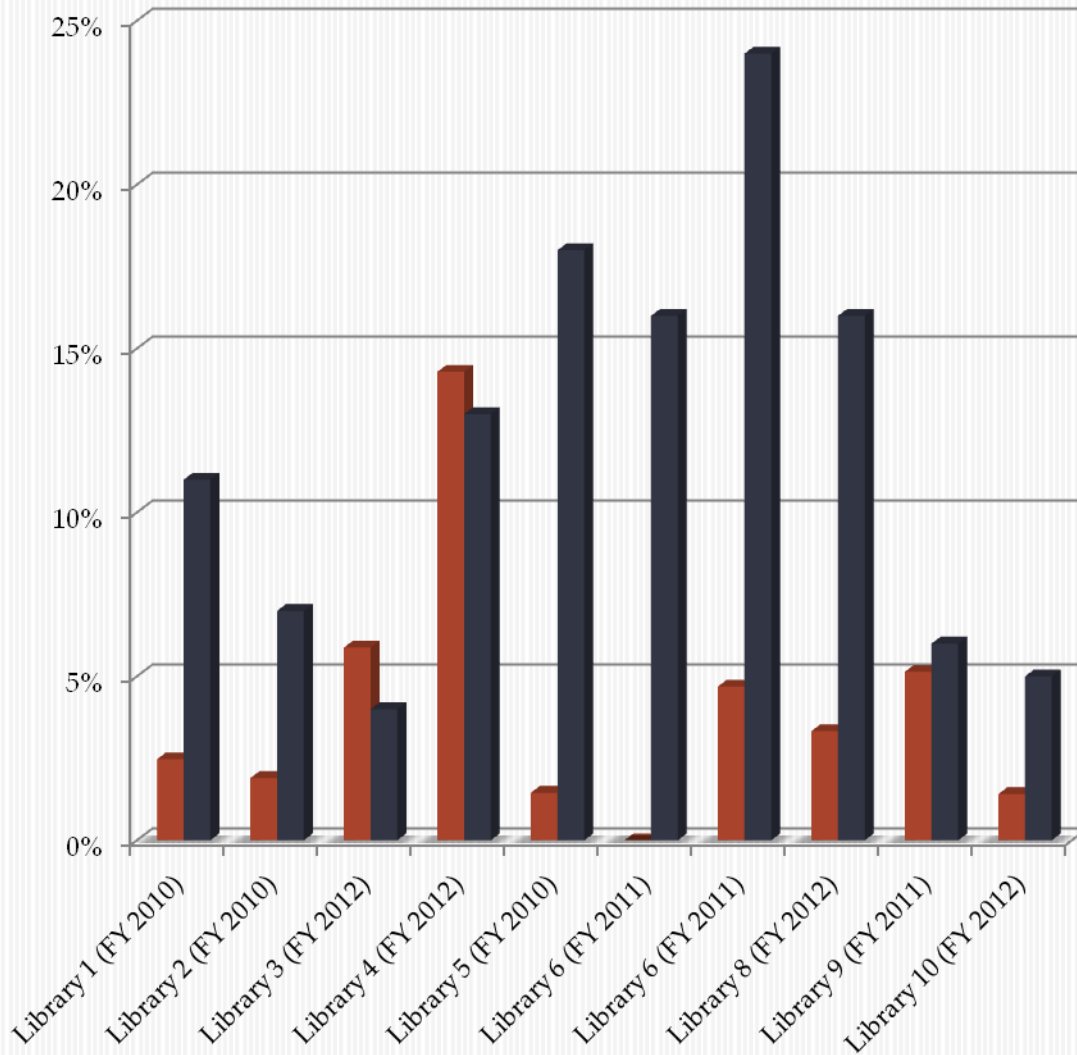
Funded Researchers



Patient Care



E-Book and Print Book Usage Related to Funded Research

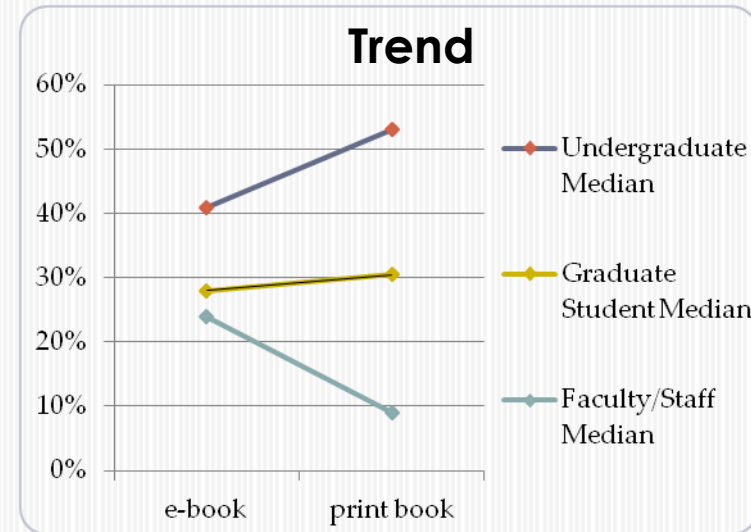
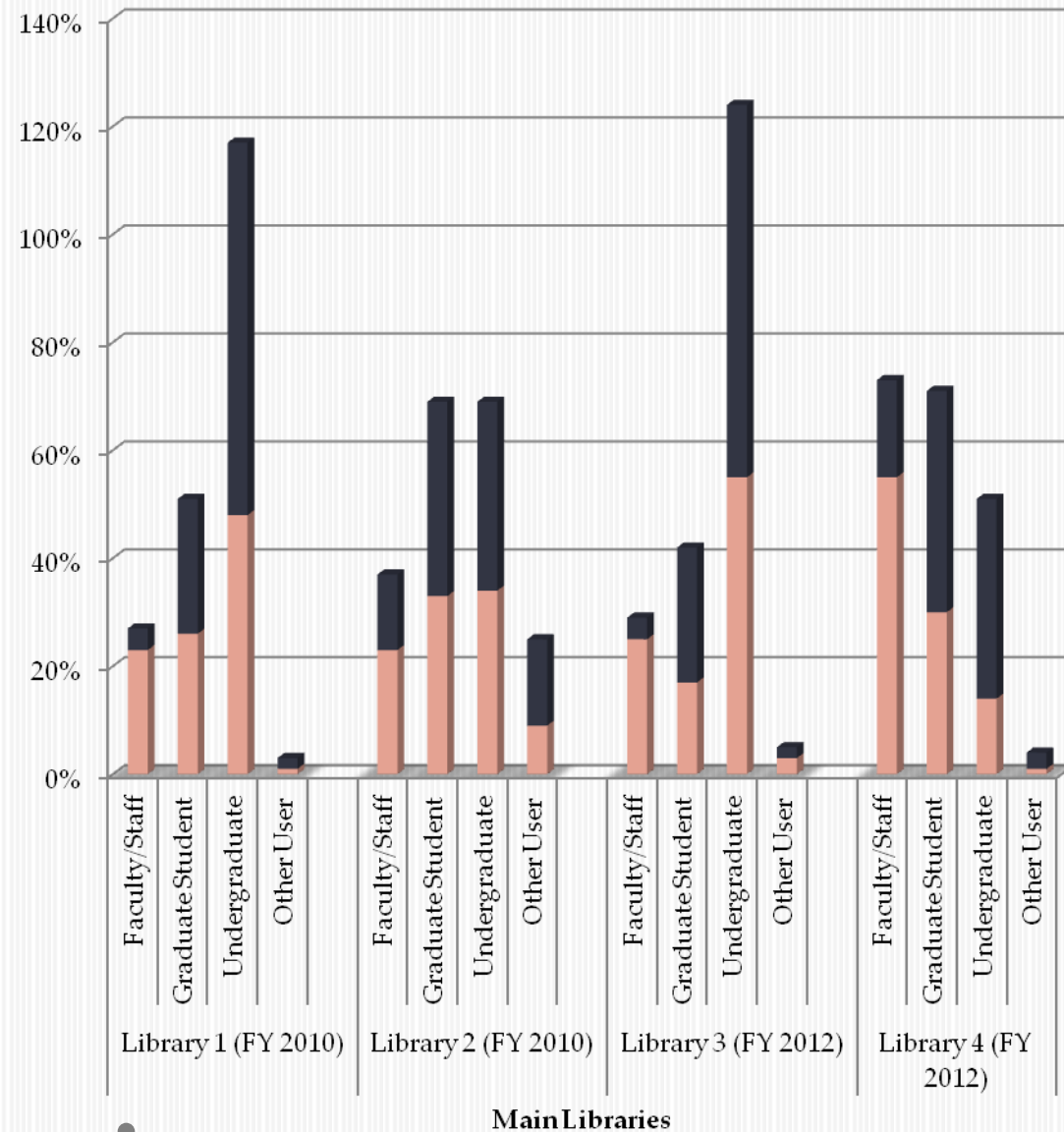


■ Percentage of e-book use related to funded research

■ Percentage of print book use related to funded research

At 8 of 10 libraries, print book use related to funded research was higher than e-book use

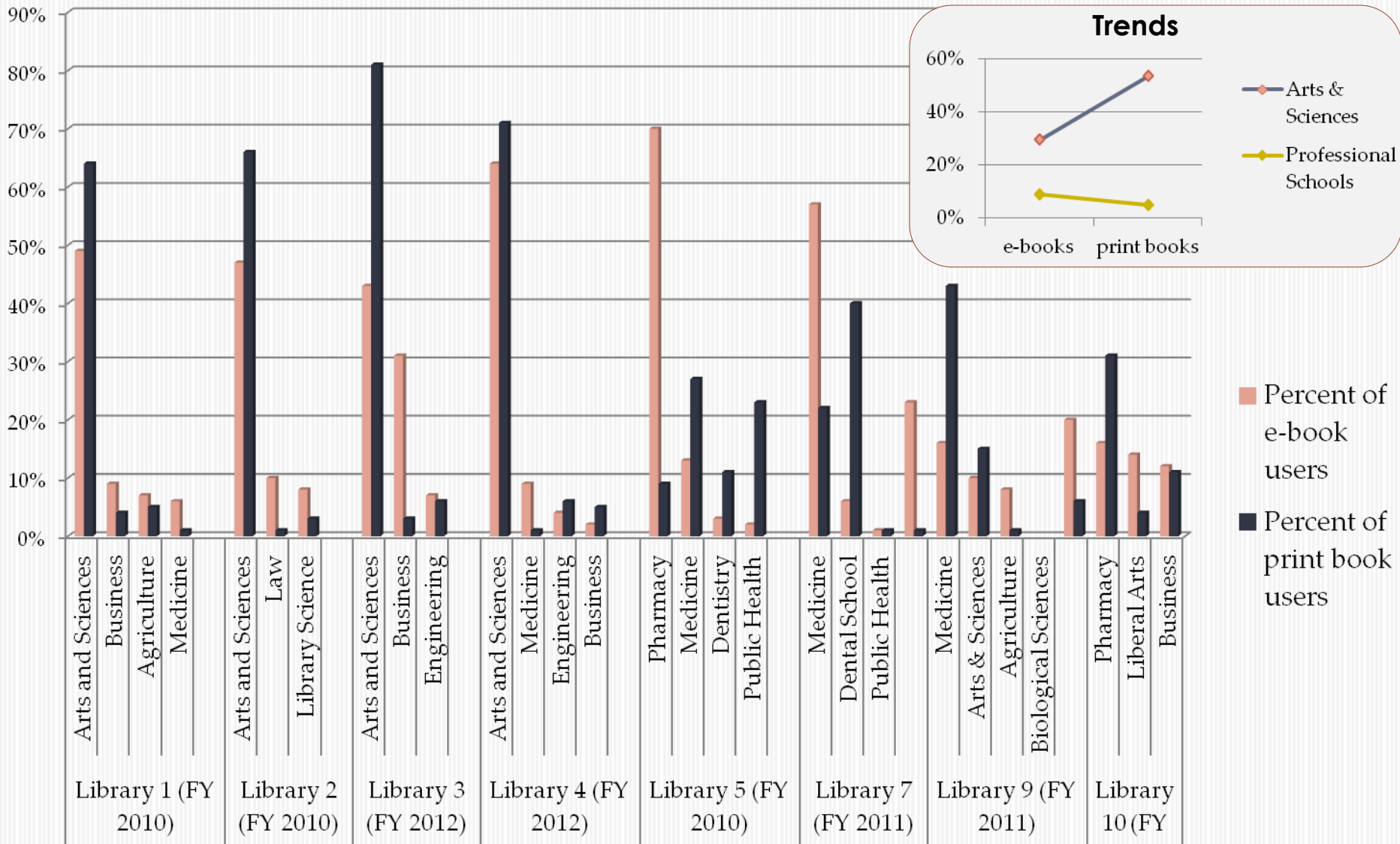
Classifications of E-Book Users and Print Book Users (Main Libraries)



■ Percent of print book users
■ Percent of e-book users



Affiliations of E-Book users and 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:
 - For example, will funded researchers use of e-books eventually compare to the extent they currently use print books?
 - Will the significant use of e-book reference tools by academic patient care providers continue or be replaced by another medium?
 - Why are undergraduates a greater percentage of print book users than e-book users?
 - Will liberal arts and sciences use of e-books as a percentage of all users increase in the coming years?



MINES for Libraries®

Thank You!

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University of
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● LIBRARIES

