

Print Book vs. DDA Ebook Acquisition and Use at KSU Library



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Results





Background

- Kent State University Libraries (KSUL) acquires ebooks through a variety of purchase models.
- A collaborative team with members from Kent State University Libraries (KSUL), the Kent State School of Library and Information Science, and the Universitat de Barcelona started to conduct studies in the growing area of ebooks acquisition and use in academic libraries.
- After some discussion and literature review, it was decided that the team would conduct three separate studies that focus on different aspects of ebooks in academic libraries.
- This poster focuses on the comparison of the acquisition and use of print books and DDA ebooks to address some of the key questions about the DDA purchase model:
 - (1) How does DDA align the library's collection with current user requirements?
 - (2) Does DDA lead to a more active use of the library's book collection?
 - (3) Is DDA cost-effective as an acquisition model?
 - (4) What issues are associated with DDA and how may these be addressed?

Methodology

- Both acquisition and circulation/use data were gathered to compare print books and DDA ebooks
- In order to reduce the number of variables we
- 1) elected to use same size data sets for print books and ebooks (the same number of ebooks as print books in each set), and
- 2) examined use data for the **time span** where all of the books and ebooks in each set were available for use. Two time periods were designated, the first extended through the DDA pilot, that ran from January 2012 through June 30th 2012, and the second spanned the entire 2012 calendar year.

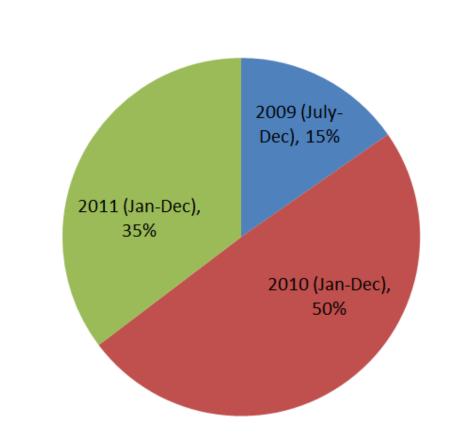
ebook sample: 22,018

- **Ebook sample and data sources**
- First DDA discovery load as of Jan 3, 2012
- YBP DDA discovery records for the same time period_
- Triggered/purchased ebooks during the pilot Jan-June 2012 in the sample: 456
- Ebook acquisition: ebrary triggered ebook reports
- Ebook usage: ebrary title reports

Print book sample and data sources

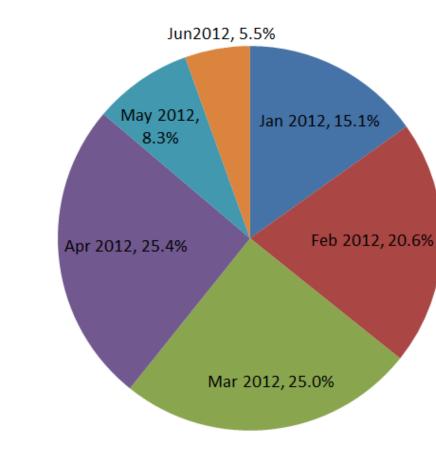
- Bibliographic and item records
- Acquisition and order records
- Circulation data

Percent of Print Books Purchased by Year



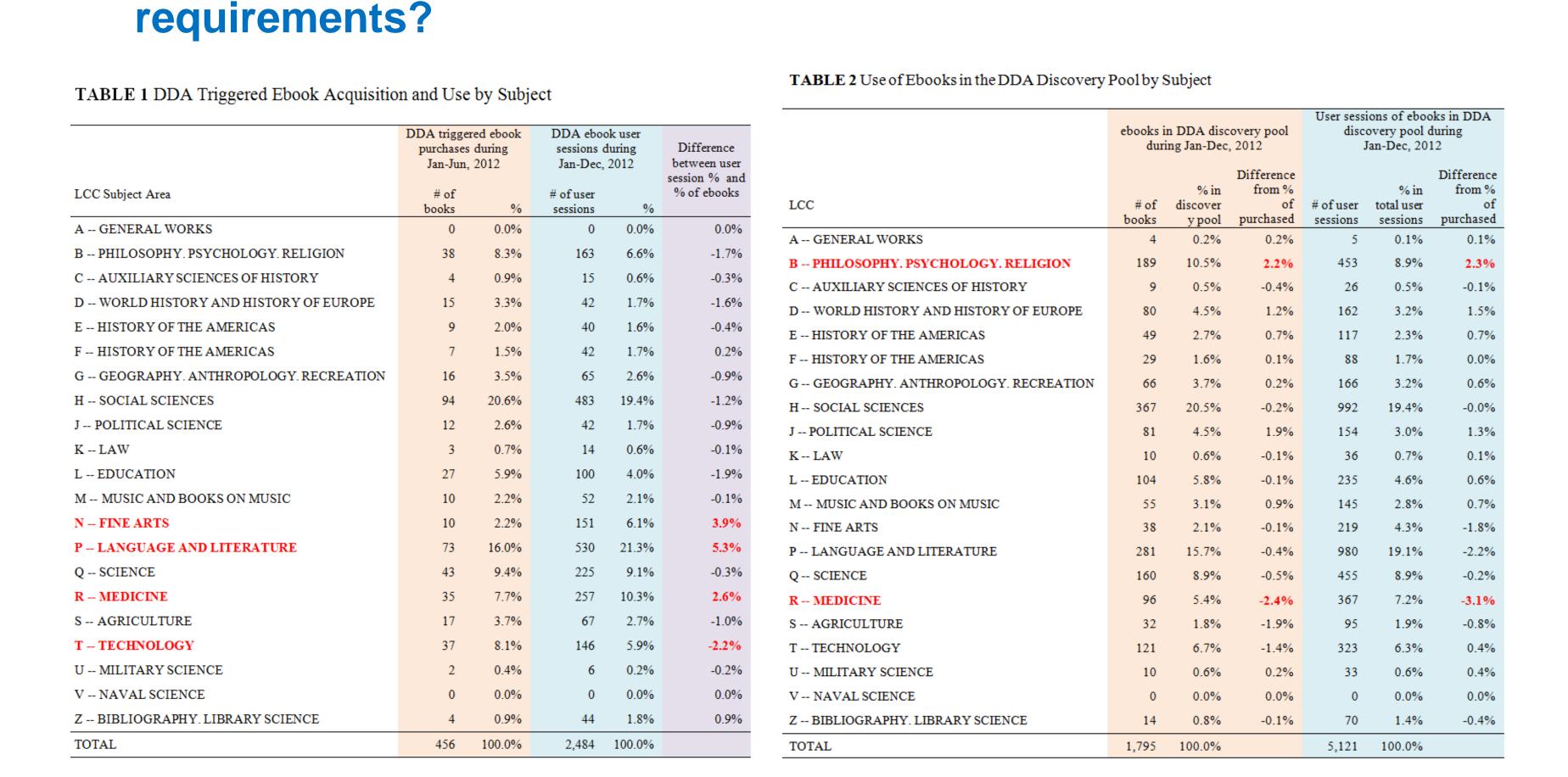
Year	Number of items	Percent
2009 (July-Dec)	3,064	15%
2010 (Jan-Dec)	9,891	50%
2011 (Jan-Dec)	7,075	35%
Total	20,030	100%

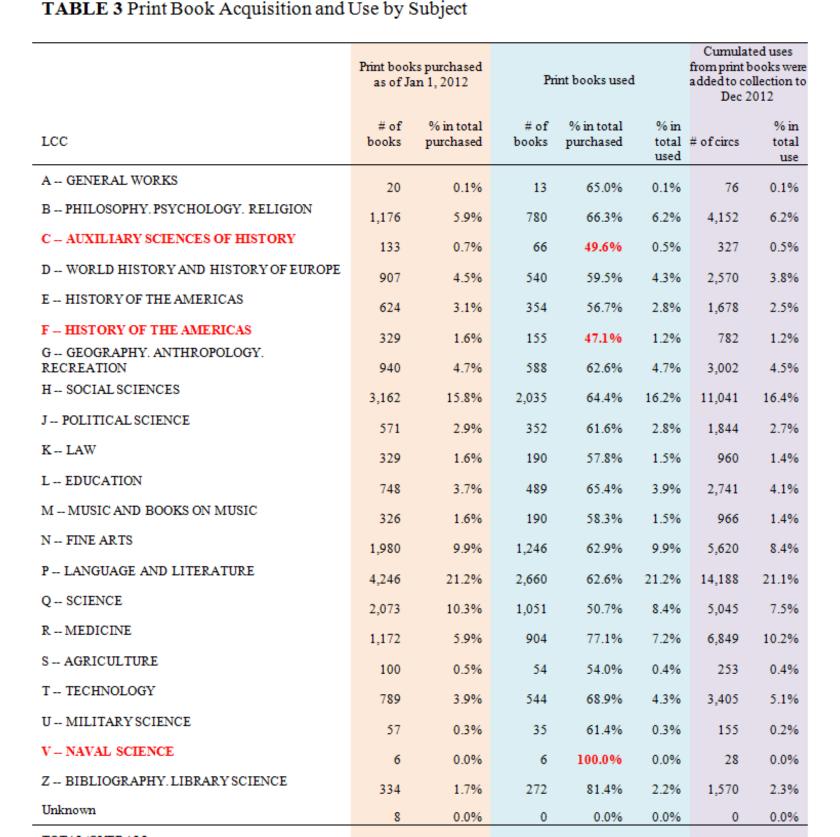
Percent of E-Books Purchased by Month

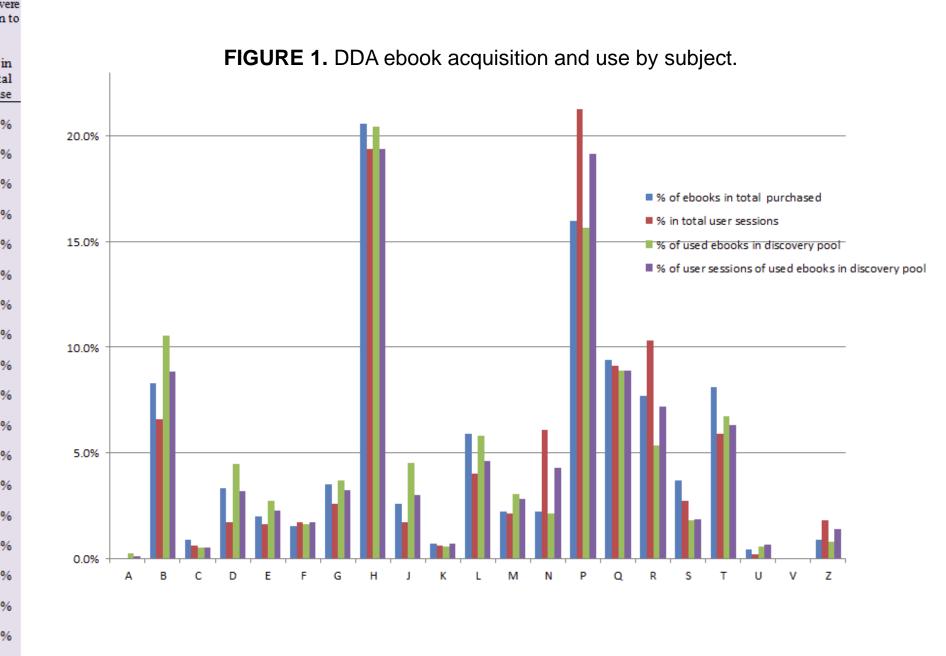


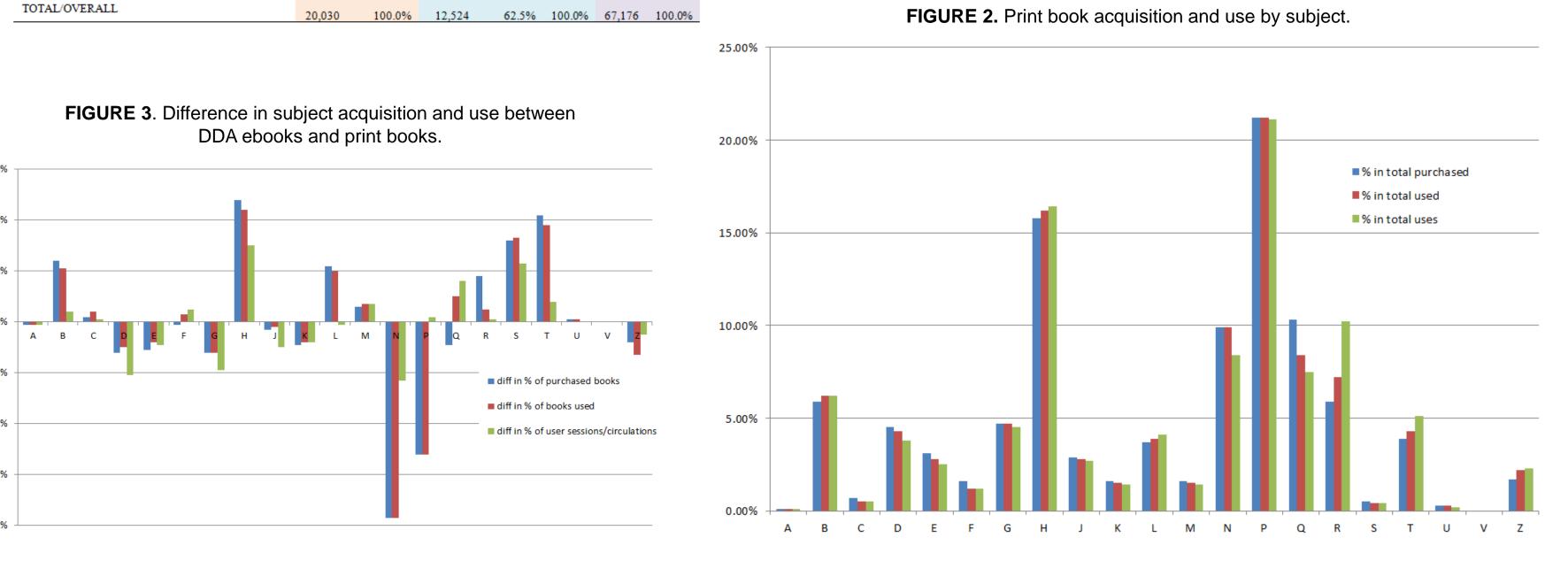
Trigger Date by Month	Frequency	Percent
Jan 2012	69	15.1%
Feb 2012	94	20.6%
Mar 2012	114	25.0%
Apr 2012	116	25.4%
May 2012	38	8.3%
Jun2012	25	5.5%
Total	456	100.0%

1. How does DDA align the library's collection with current user







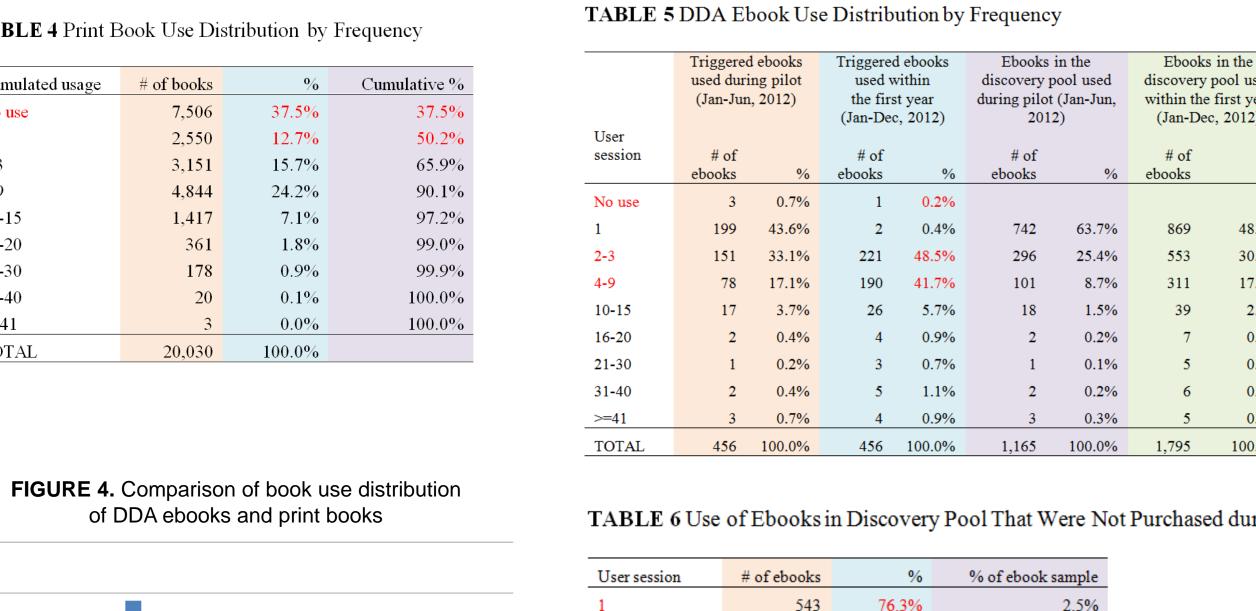


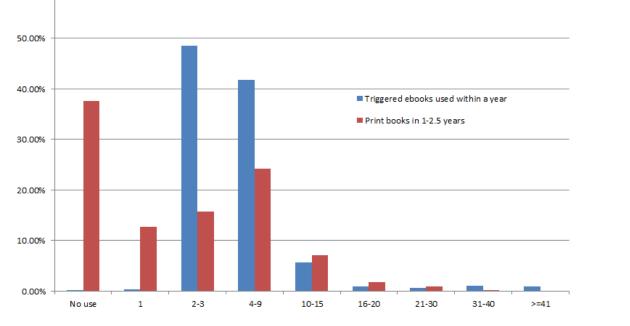
3. Is DDA cost-effective as an acquisition model?

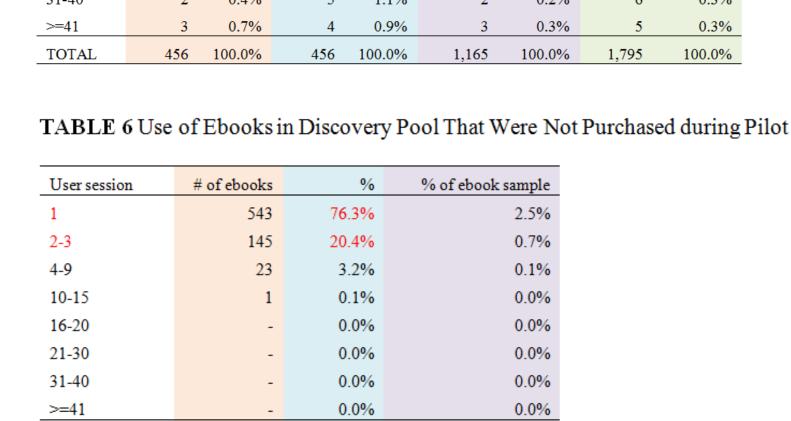
TABLE 7 Cost Measures of Print Books and DDA Ebooks

Measures	Print	DDA ebooks
# of books purchased	20,030	456
Total purchase	\$1,192,300	\$44,926
Average book price	\$59.53	\$98.52
Total use		
Print book checkouts & renewals	67,252	
User sessions of DDA triggered ebooks during pilot		1,541
User sessions of DDA discovery pool during pilot		2,534
User sessions of DDA triggered ebooks within a year		2,484
Unit cost per use		
Cost per print book use in 1-2.5 years in collection	\$17.73 (\$1,192,300 / 67,252)	
Cost per user session of DDA triggered ebooks during pilot		\$29.15 (\$44,926 / 1,541)
Cost per user session of DDA discovery pool during pilot		\$17.73 (\$44,926 / 2,534)
Cost per user session of triggered ebooks in a year		\$18.09 (\$44,926 / 2,484)

2. Does DDA lead to more active use of the library book collection?







712 100.0%

4. What issues are associated with DDA and how may these issues be addressed?

- Hidden costs of the DDA model involved in technical services
- Challenges of consistent service due to availability and access of ebooks
- Weeding discovery records, and the anomalies in the discovery pool for ebooks meeting the YBP approval parameters
- Effective ebook discovery and access system development and the DDA model assessment

Conclusion and Future Research

- The results of this study contribute to a better understanding of DDA ebook acquisition and use by answering some of the key questions about the DDA purchase model.
- Unlike DDA acquisitions, in which 100% of ebooks were used within a year, close to 40% of all the purchased print books had never been used since they were added to the collection 1-2.5 years ago.
- Overall, DDA aligns the library's collection with current user requirements. In addition, the DDA ebook discovery pool serves as a valuable free supplementary source of readings to users.
- Separate analyses of subject acquisition and use of print books and DDA ebooks show that uses of print books and DDA ebooks align well with acquisitions overall.
- DDA ebook acquisition and use occur more often than print books in some subject areas while print book acquisition and use occur more often in others. It would be interesting to explore further the reasons behind such differences in subject acquisition and use by book type.
- It is clear that DDA leads to much more active use of ebooks despite the shorter timeframe for ebooks to incur the uses for the comparison.
- As it stands both DDA and print cost per use is equal at \$18. This study suggests that the DDA model would have an advantage in unit cost per book use with a longer timeframe of use for ebooks.
- The KSUL DDA pilot and this study have identified a wide range of issues and suggested possible solutions for future DDA ebook practice and research.
- Additionally, effective ebook discovery and access system development and the DDA model assessment are also important for future practice and research.