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## Purpose

Previous dissertation analysis at Berkeley had revealed information not only about Berkeley's holdings, but the types and ages of material cited. Selectors in four more areas wished to gain similar insight.

## Methods

Citation analysis of dissertation bibliographies, 2008 -2012:

- Business
- Economics
- History
- Political Science

Received citations on large data file from ProQuest. Hand-entered any not included (333 student/staff hours).

Verified each work cited for own/license status.

Systematic sample with a random start.

Confidence interval: 95 ± 3%

### Sample size

	Dissertations	Total Citations	Ratio	Citations	Avg. Cites per Dissertations
Business	61	5,421	1:4	1379	89
Economics	139	11,184	1:7	1590	80
Political Science	88	23,127	1:12	2101	263
History	95	30,353	1:20	1528	320



## Findings

How well do collections meet researchers' needs? Do we own/license similar percentages of cited sources across disciplines? By format?

### Percent Citations Owned or Licensed ± 3%

	Journals	Books
Business	99	94
Economics	99	91
History	82	78
Political Science	94	87

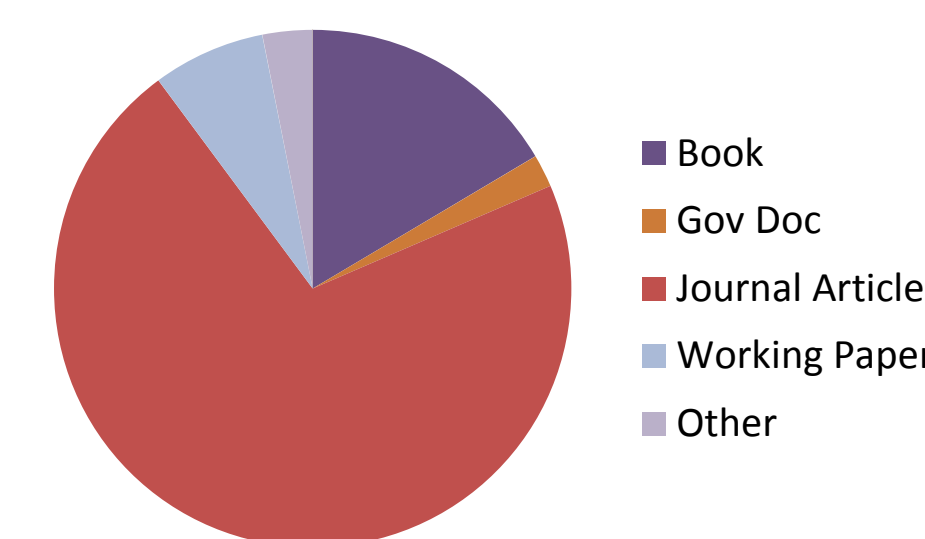
Are doctoral students using purchased resources? What language materials do they cite?

### Accessibility of cited sources

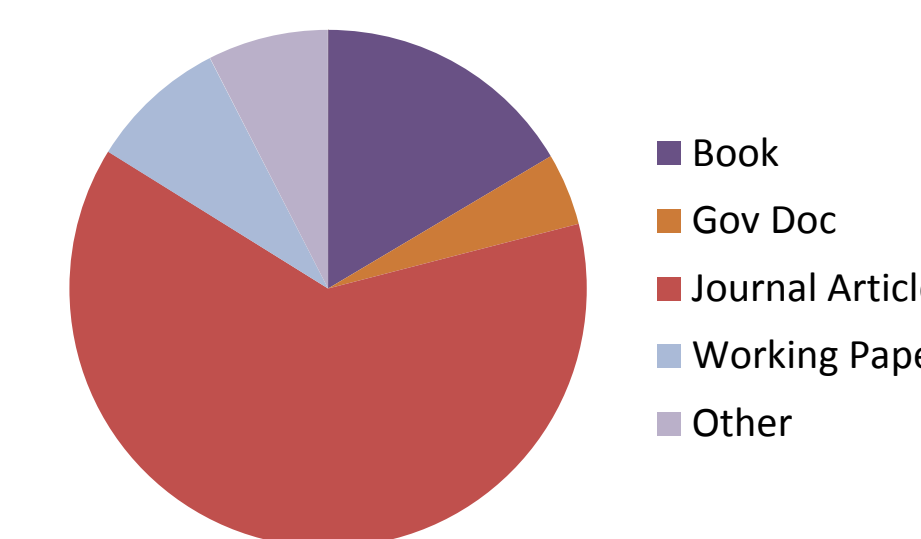
	Freely Available Sources	Non-English Language Sources (100%)
Business	7.7%	0.04%
Economics	10.2%	1.2%
History	3%	28%
Political Science	10.2%	15%

What is the mix of sources cited? How old are they?

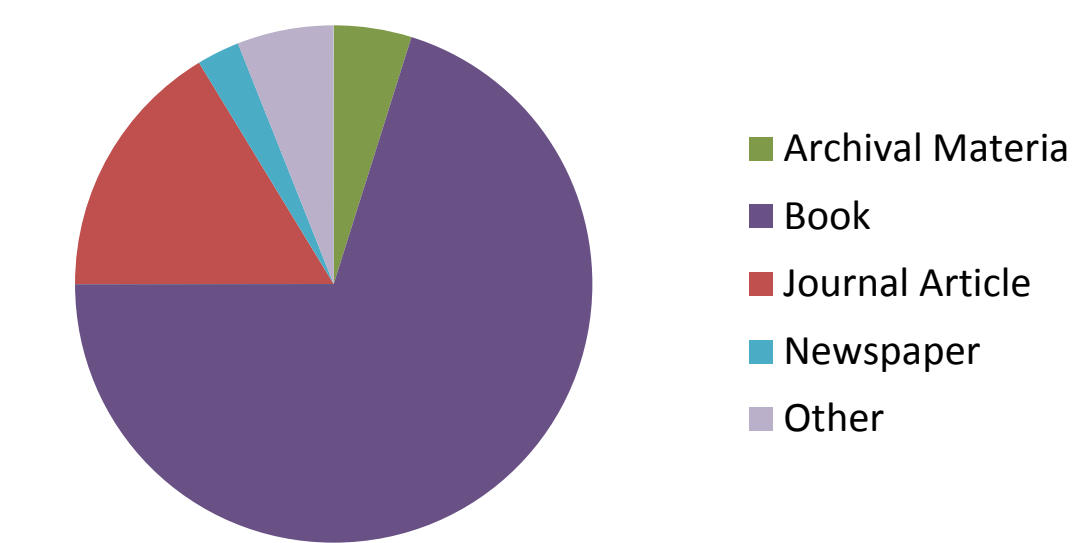
### Business cites mostly journals



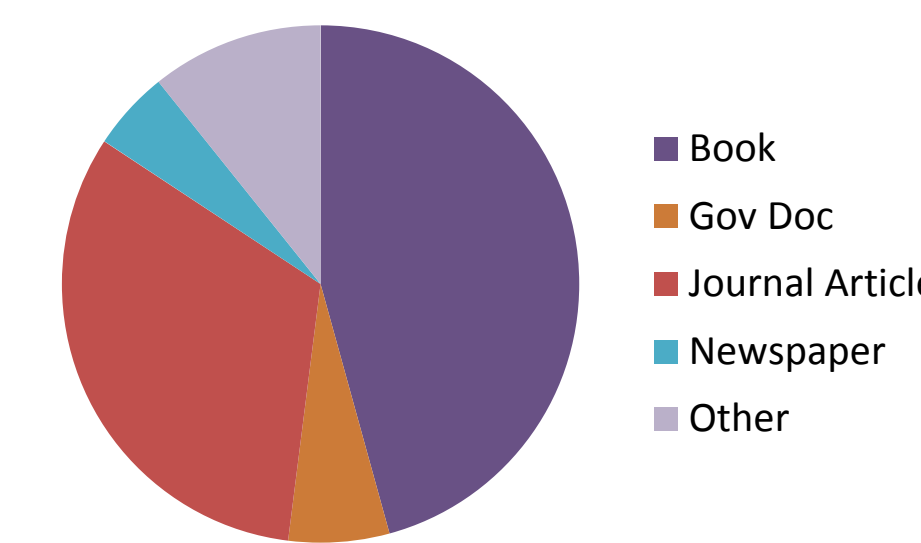
### So does Economics, which cites the most working papers



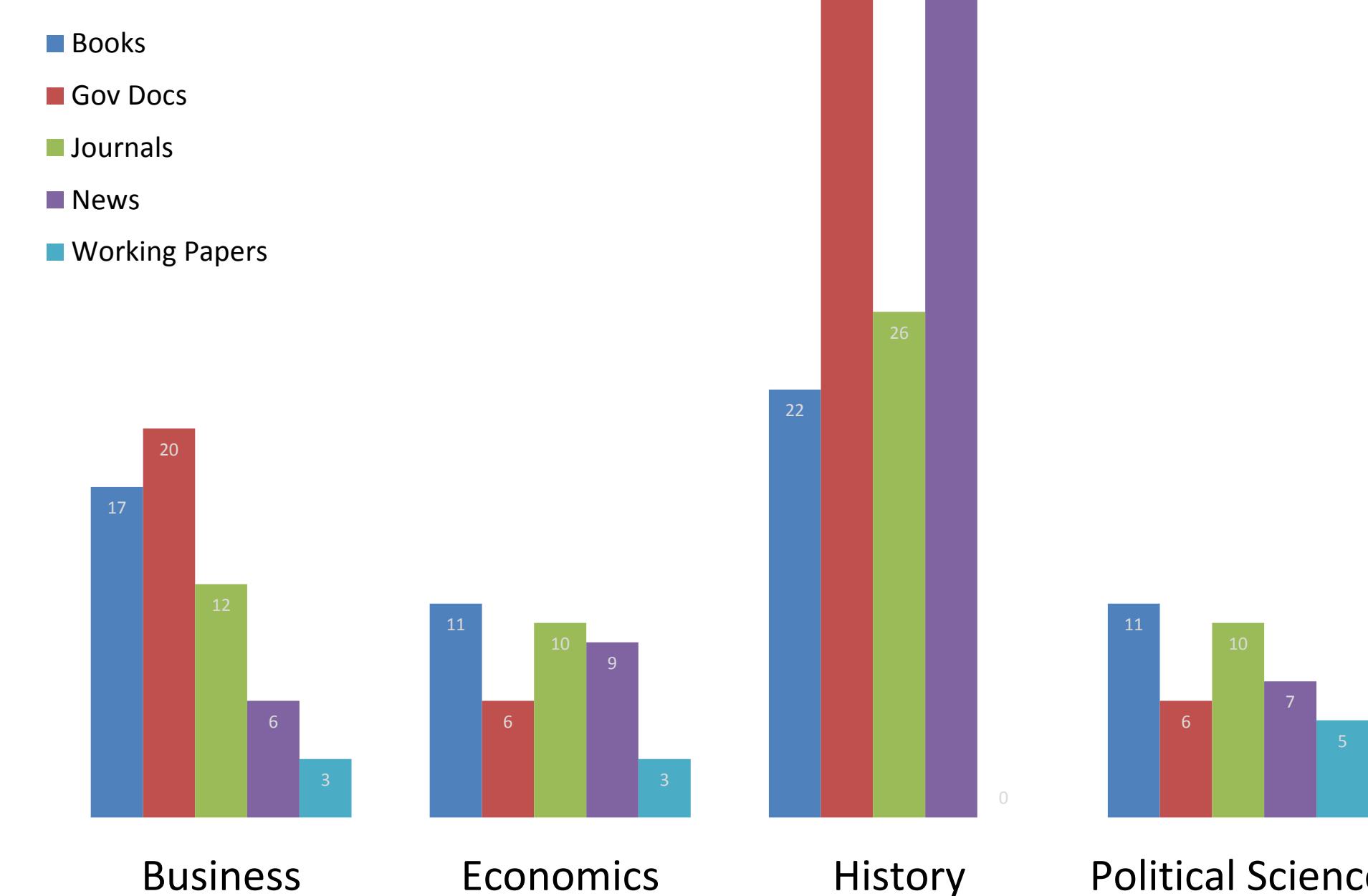
### History cites books, along with archival materials



### Political Science is closer to an even split between books and journals



### Median age of work cited by format (in years)



## Next Steps

- Numeric data not cited in bibliographies.
- Analyze ownership by English vs non-English by format by discipline.
- Investigate ownership rate for books vs journals – does it vary by publication year? (Has there been a decline in monographs purchasing relative to journals over time).
- Qualitative assessment of different information seeking behaviors by discipline.

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## Acknowledgements

- LAUC Research Grant
- Lynne Grigsby, Dark Archive
- Austin McClean, ProQuest (45,000 dissertations)
- Nicole Waugh and David Galvez-Costigan, detailed verification
- Student Employees for data entry and initial verification
- Jeffery Loo, poster consulting

## Which disciplines use which journals... and who pays?

### Most heavily cited journals in each discipline

Blue text indicates that another discipline is paying for the subscription. Green text indicates that Berkeley does not subscribe.

Business	Economics	History	Political Science
Journal of Finance	American Economic Review	Historical Journal	American Political Science Review
Journal of Political Economy	Quarterly Journal of Economics	Mennonite Quarterly Review	American Journal of Political Science
American Economic Review	Econometrica	Agricultural History	International Organization
Journal of Personality and Social Psychology	Journal of Political Economy	Americas	World Politics
Journal of Financial Economics	NBER Working Paper	Hispanic American Historical Review	World Development
Administrative Science Quarterly	Journal of Finance	International Journal of Middle East Studies	Hammer : Blätter für deutschen Sinn
		Lancet	American Sociological Review
		Science	Asian Survey
		Schenbao	China Quarterly
		Journal of Modern History	
		Modern Asian Studies	