Open Textbooks

Overcoming Barriers, Realizing Opportunities

David Ernst, PhD University of Minnesota @dernst







open

"What are the barriers to faculty adoption of open textbooks?"

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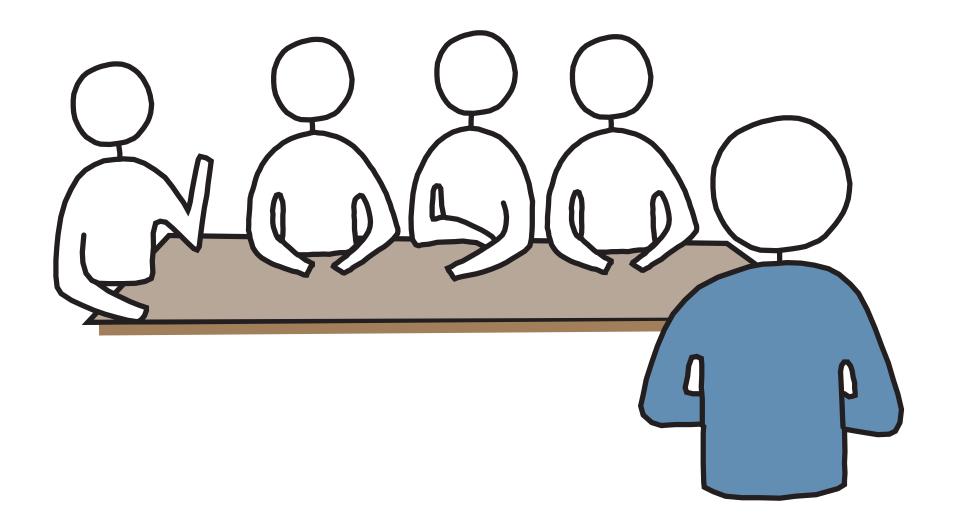


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Adoptions: 0



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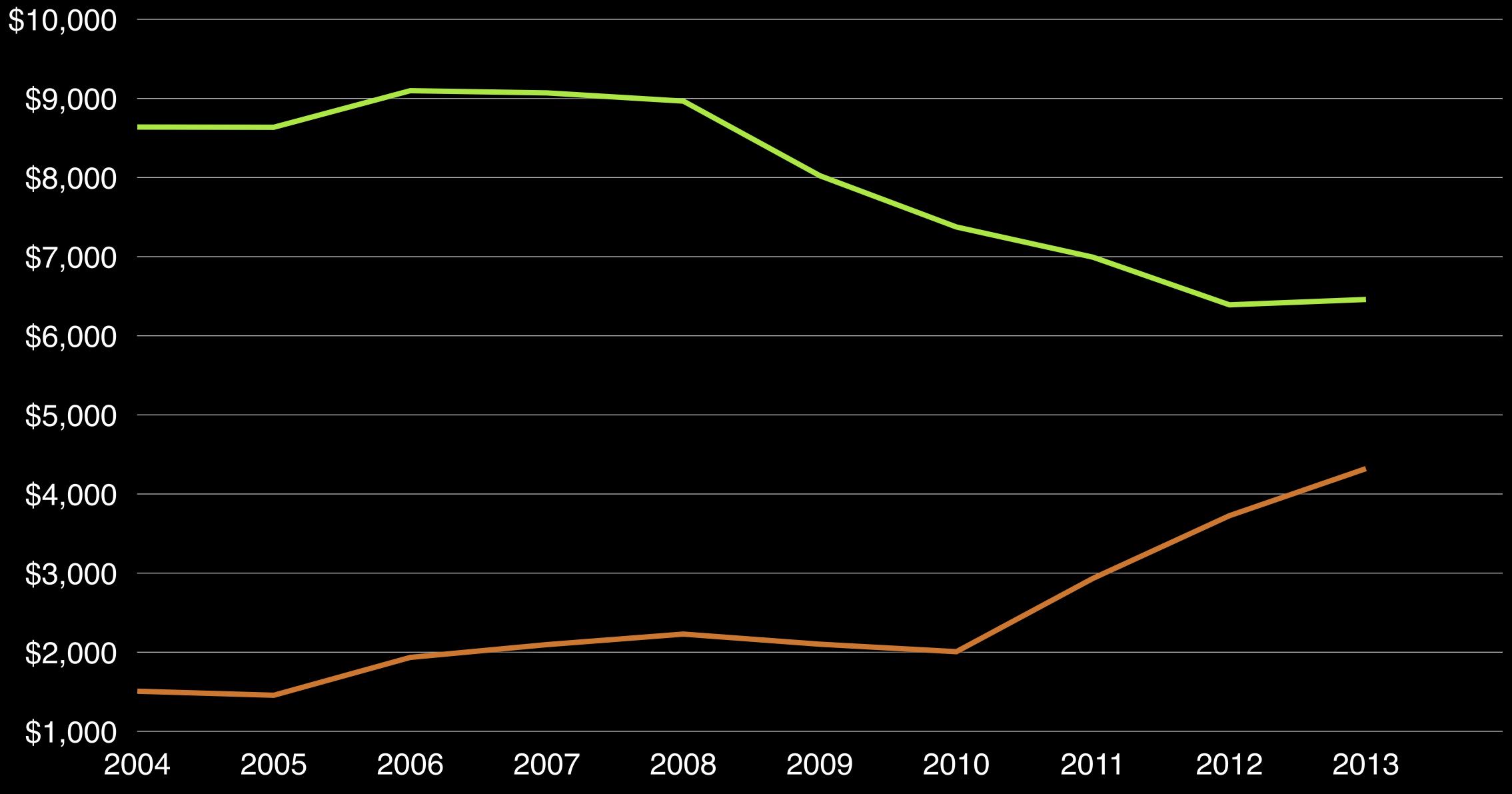
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State Funding **Tuition Revenue** US Higher Education Funding - \$/FTE



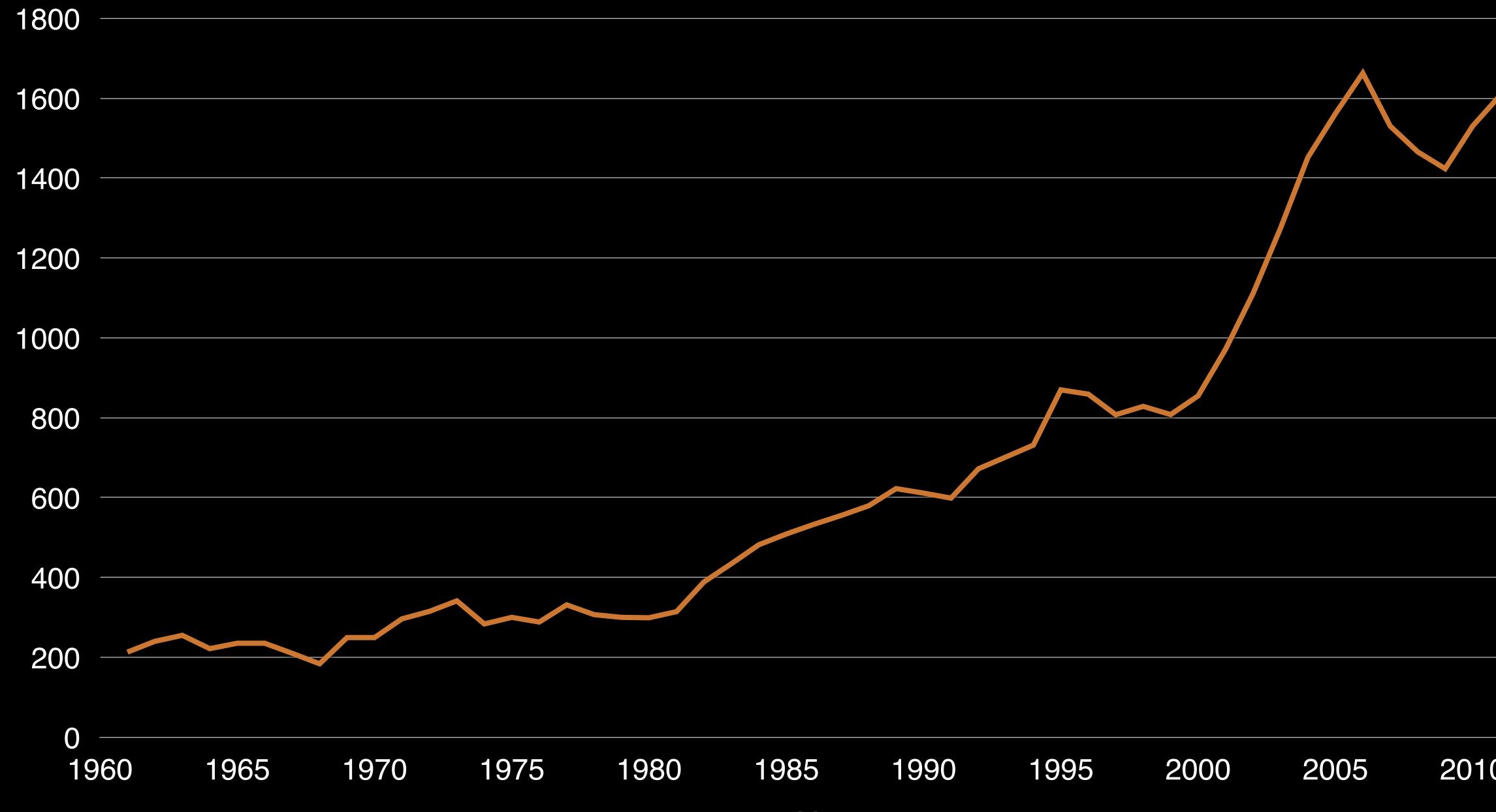
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State Funding Tuition Revenue Georgia Higher Education Funding - \$/FTE



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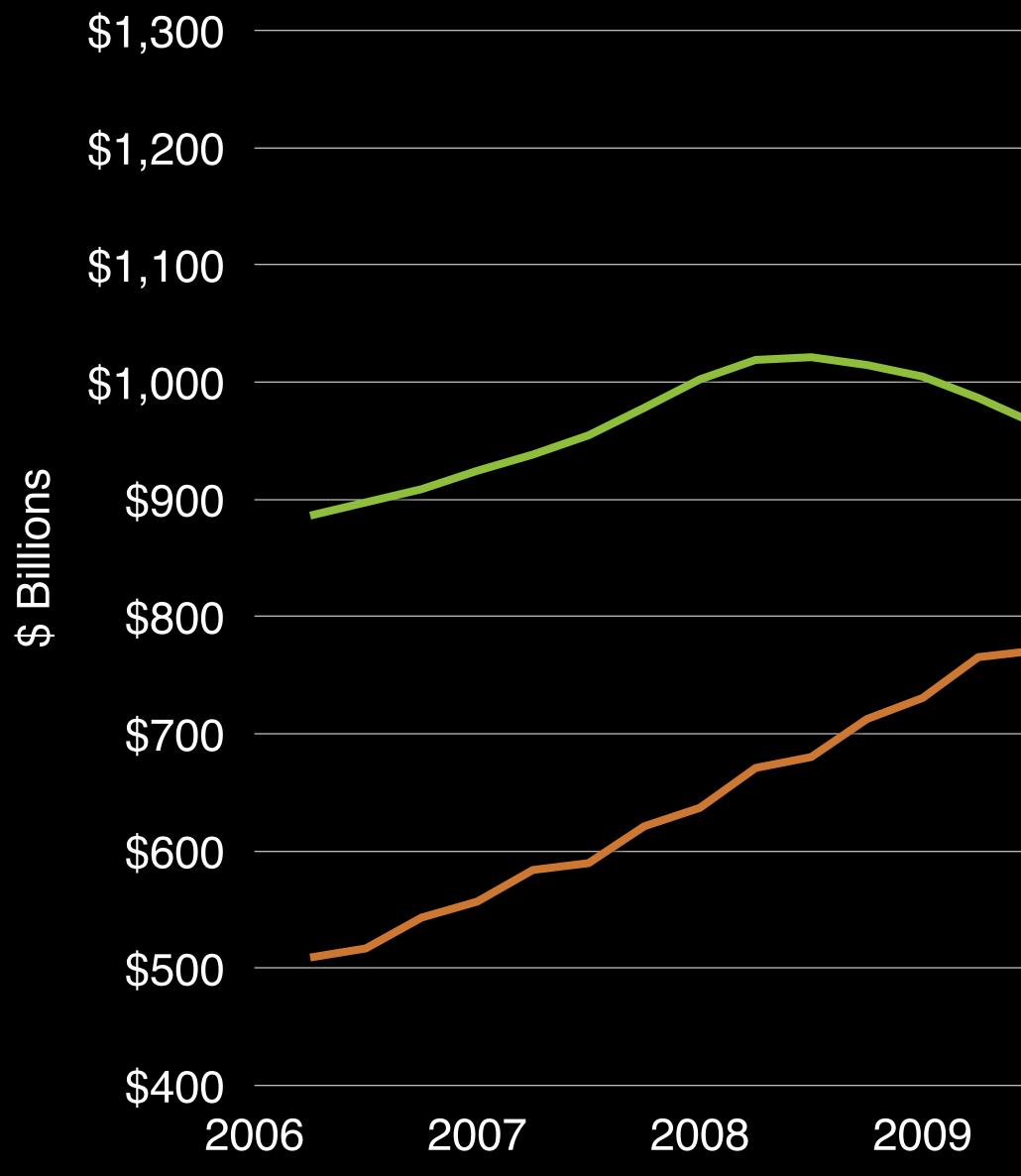
Affording Annual Tuition at the University of Minnesota



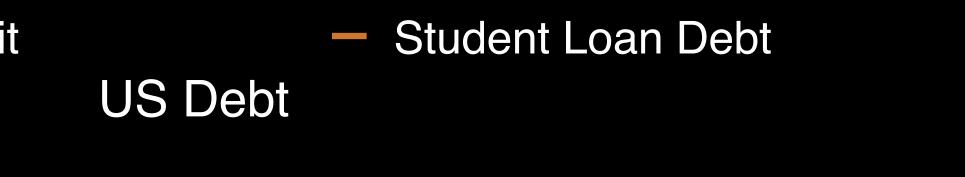
Year

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Consumer Revolving Credit



Federal Reserve http://www.federalreserve.gov/releases/g19/Current/



The Academic Impact

- Delay purchasing the textbook
- Never purchase the textbook

Purchase an older edition of the textbook

"I figured French hadn't changed that much."

-U of MN Student

of students report that they have had to wait for their financial aid check to purchase

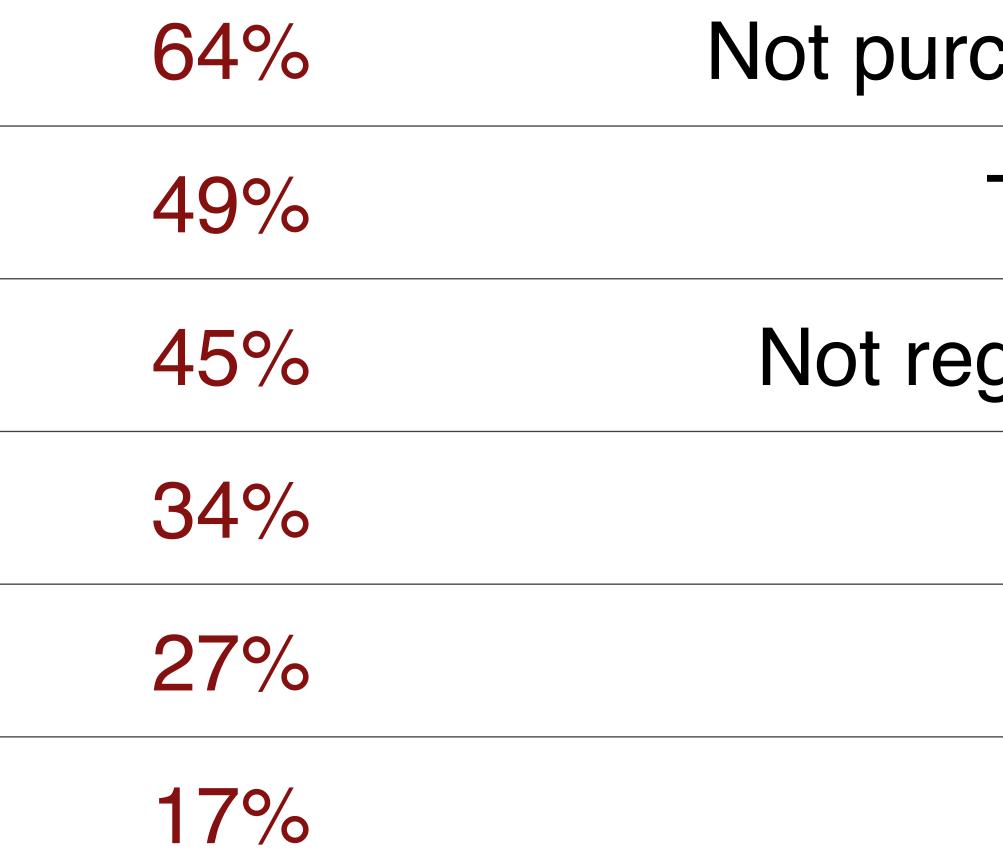
Unpublished Minnesota State University Student Association survey

59%

Have you ever delayed purchasing a textbook because of cost?

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In your academic career, has the cost of required textbooks caused you to:



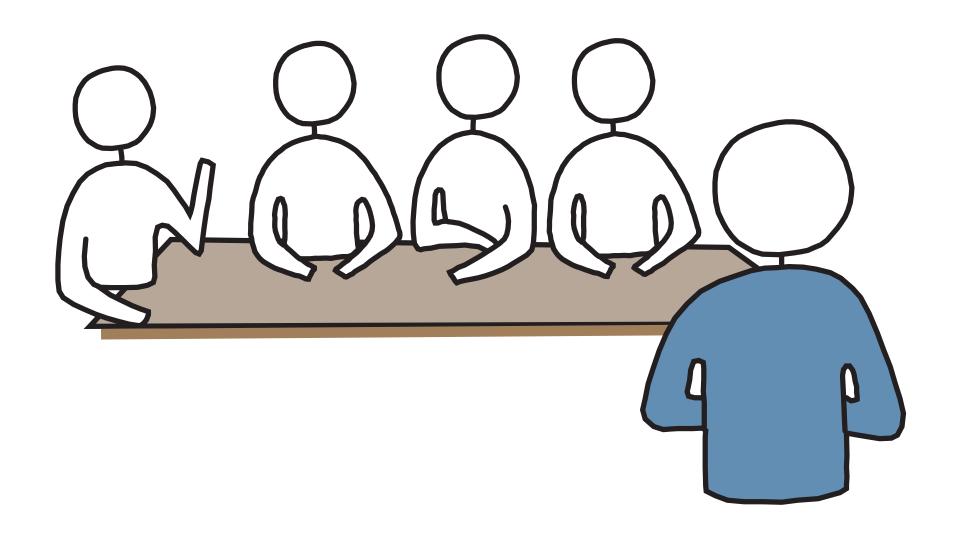
http://www.openaccesstextbooks.org/pdf/2012_Florida_Student_Textbook_Survey.pdf

- Not purchase the required textbook
 - Take fewer courses
 - Not register for a specific course
 - Earn a poor grade
 - Drop a course
 - Fail a course





Adoptions: 0







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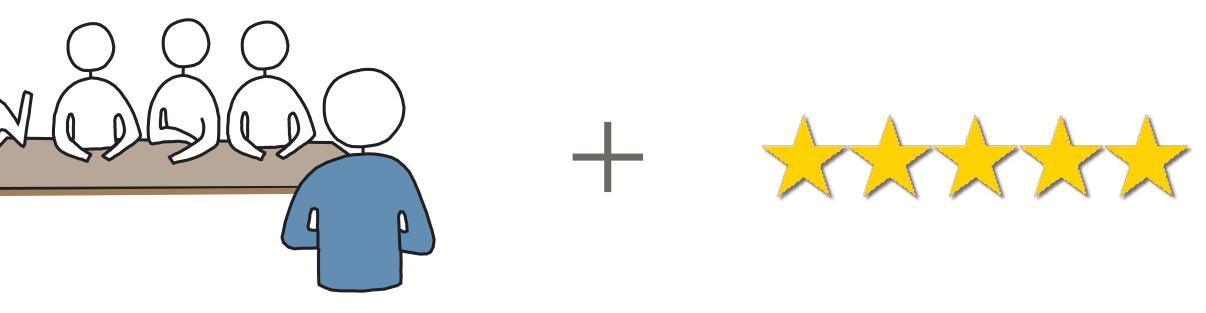
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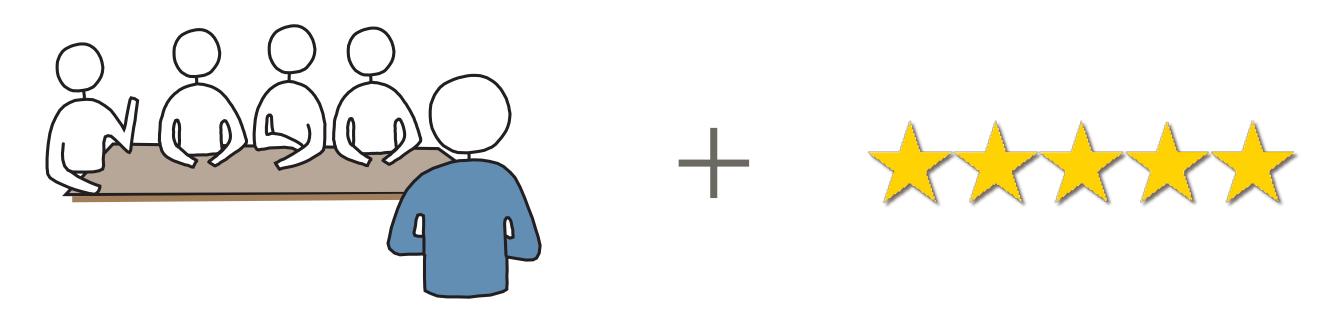
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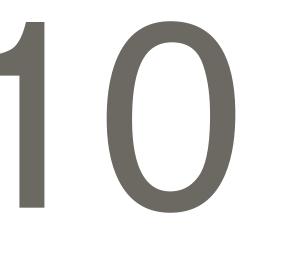
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1.5 chapters 1000 item question bank video series instructional changes

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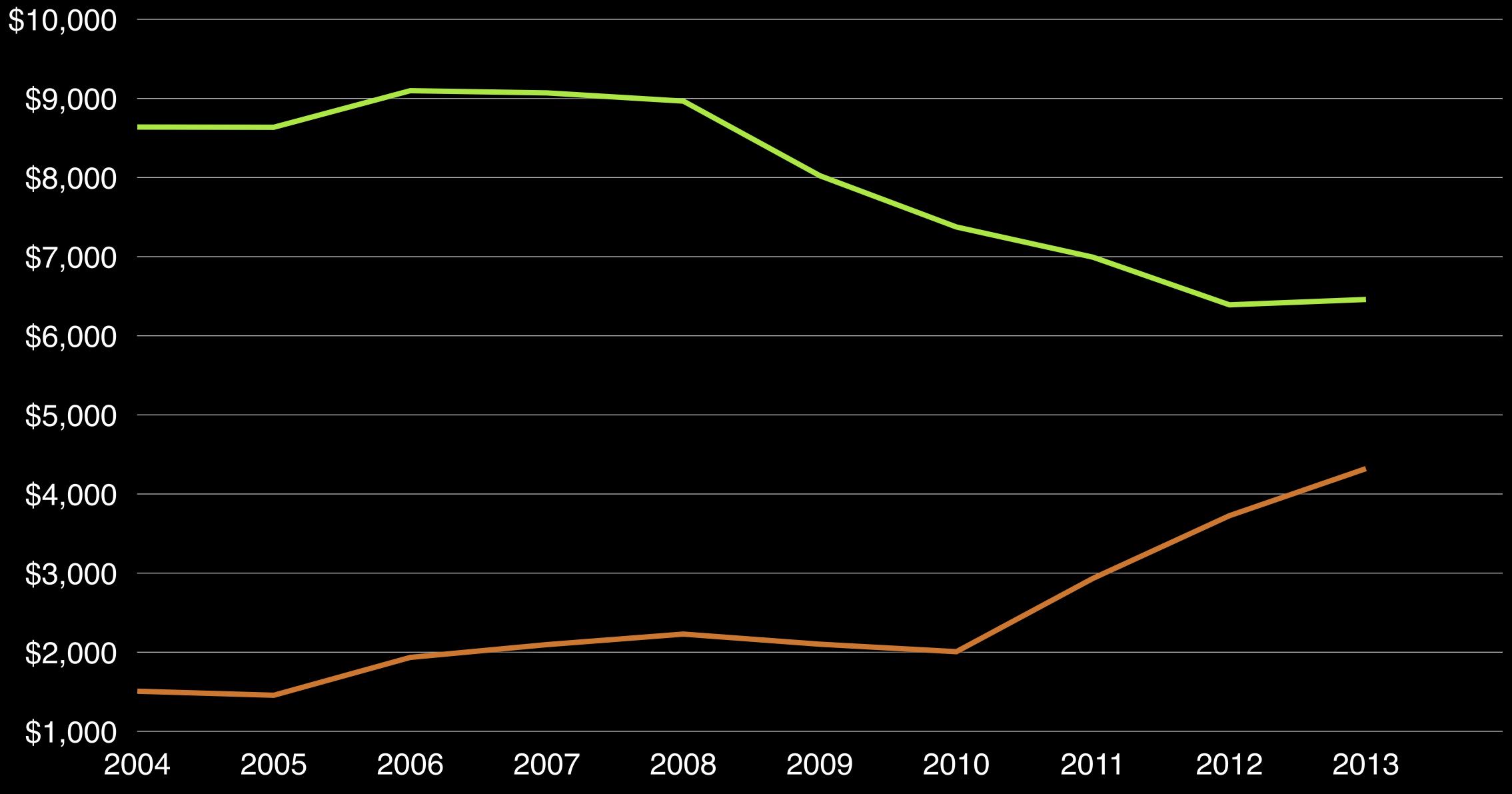
"What about revenues from the bookstore? Won't we be cutting our own income if we do this?"



What do you think about the cost of textbooks?

Video removed

State Funding Tuition Revenue Georgia Higher Education Funding - \$/FTE



http://www.sheeo.org

"OER does not suffer from any strong objections or entrenched opposition groups."

Opening the Curriculum: Open Educational Resources in U.S. Higher Education. http://www.onlinelearningsurvey.com/oer.html

"When presented with the concept of OER, most faculty say that they are willing to give it a try."

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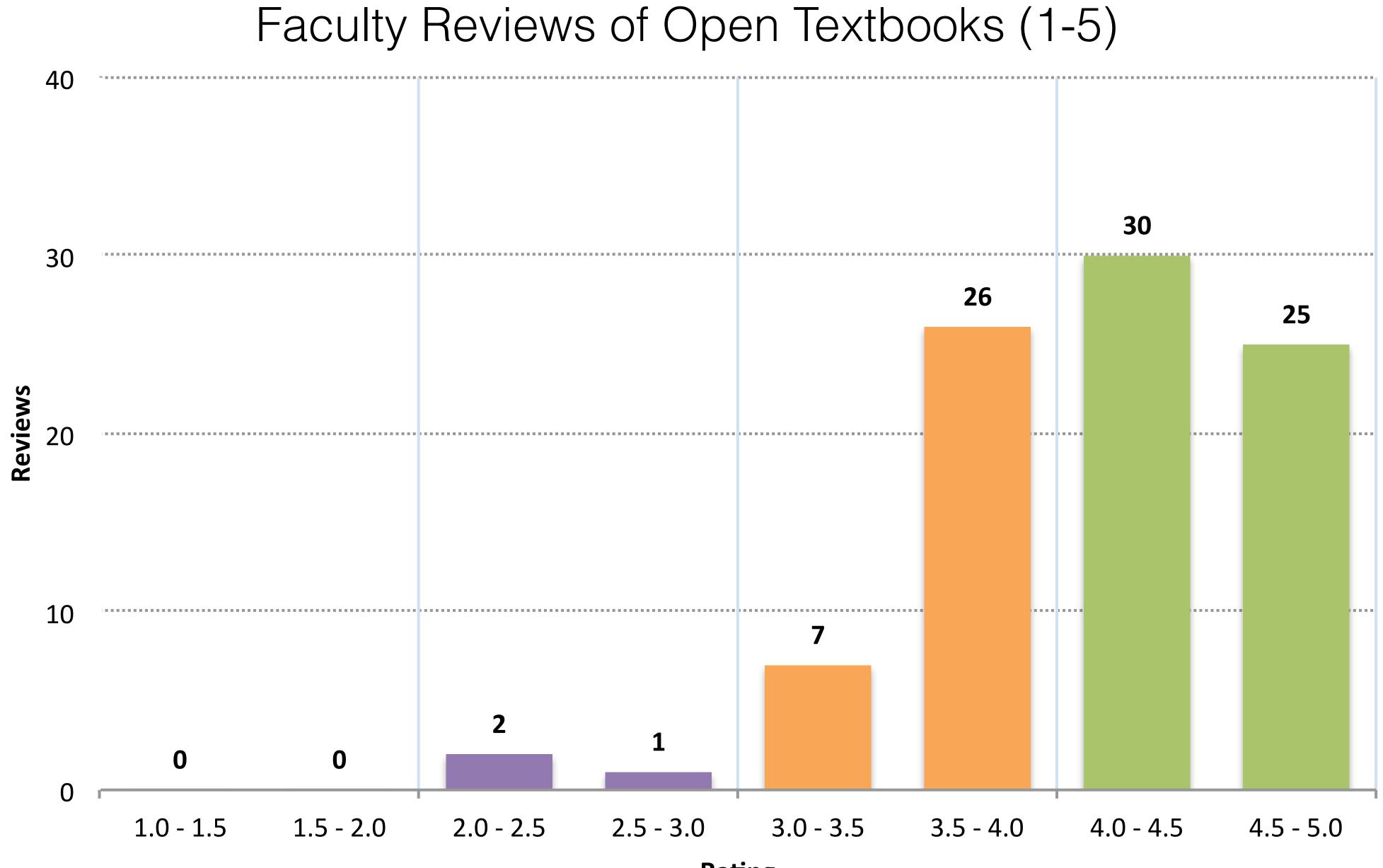




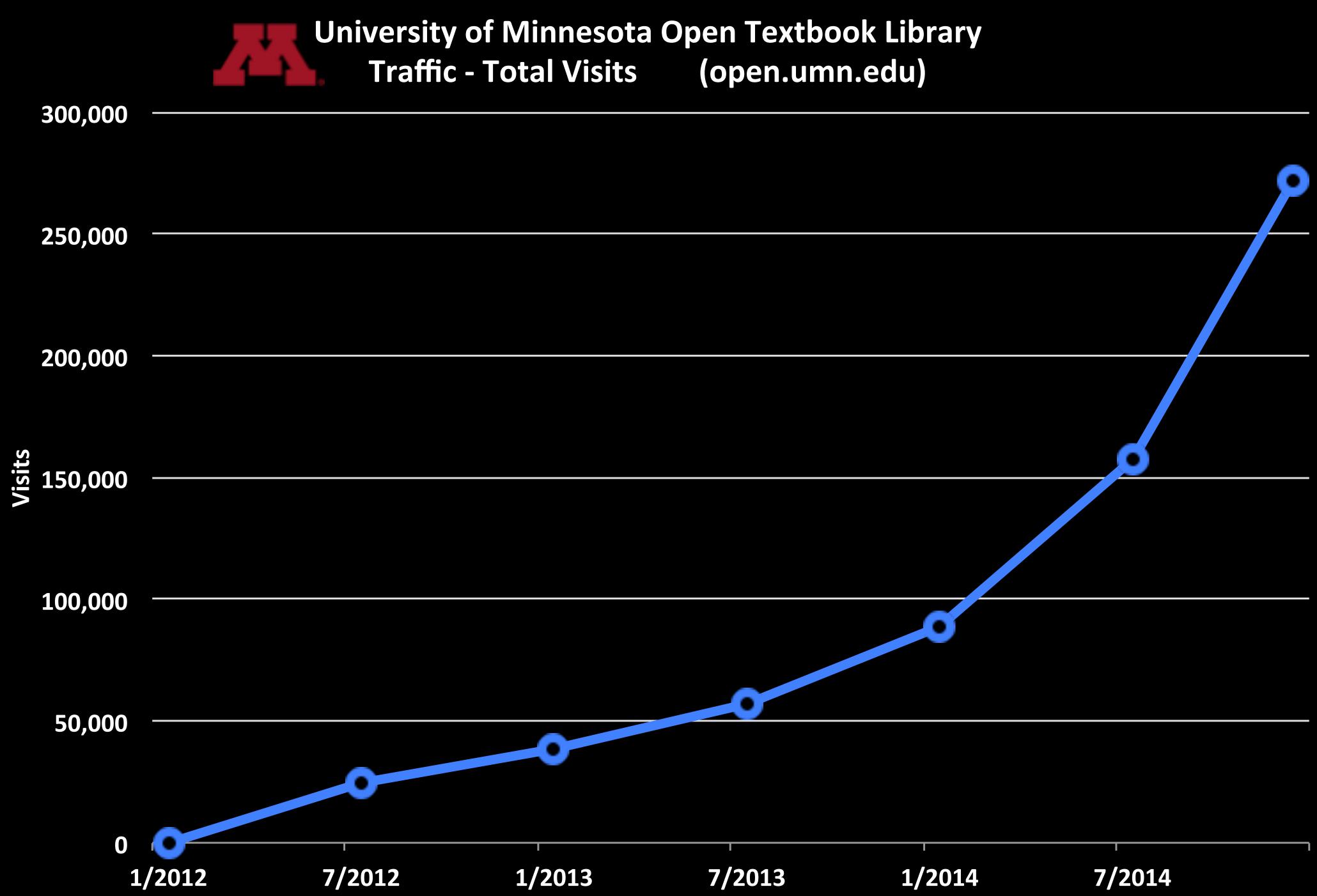


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"Are they any good?"

"Wikipedia isn't reliable, so I don't want a crowdsourced book."

"How can a free textbook be any good?"





"Won't it take a lot more work to adopt an open textbook?"





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(14% - 52%)

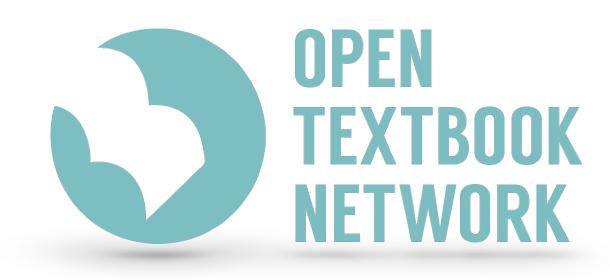
370/0

adoption rate of workshop attendees

Local sustainability and expansion of open textbook programs

Program credibility Shared network impact data Faculty champions Safety in numbers!

Continued work with faculty Share local strategies Manage FAQ for difficult questions that could arise Collect and report local impact data



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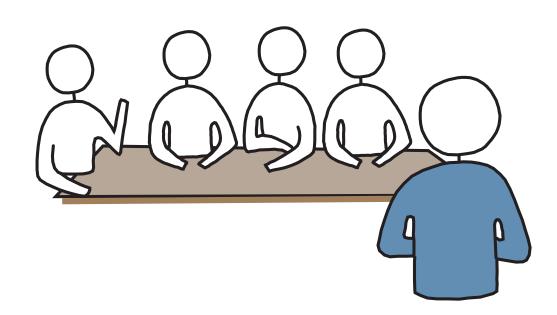
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2		Before		e the workshop:		Total Savin		\$54,200		
3		I had heard o	of open textbooks	12				E40		
4		Knew OTs could reduce cost		9			Students Impacted:	542		
5	new OTs could be freely used, adapted, distributed			10			Potential Adopters:			
6							Email	Name	Semseter	Course
7			Examine	10			pschwart@calpoly.edu	Schwartz, Pete	Fall 2014	Intro physics
8			Review	1			krbangs@calpoly.edu	Bangs, Karen	Spring 2015	IME239 (Indusstrial Cost & Contro
9			Adopt	2			kcolvin@calpoly.edu	Colvin, Kurt	Fall 2014	IME 420 (Introduction to Simulation
10			Modify	0			lschleme@calpoly.edu	Schlemer, Liz	Winter 2014	IME 270 - project mgmt
11			Author	0			lvanasup@calpoly.edu	Vanasupa, Linda	Winter 2015	PHYS 104
12							awiley@calpoly.edu	Wiley, Amy	Fall 2014	Engl 145
13				Afte	r the workshop:		daskay@calpoly.edu	Askay, David	Fall 2014	COMS 102
14		Do not plan	Undecided	Plan to	Already done		aleithne@calpoly.edu	Leithner, Anika	Winter 2014	POLS 180
15	Examine	0	3	2	15		smlindah@calpoly.edu	Lindahl, Solina	Fall 2014	Econ 201
16	Review	3			17		llee10@calpoly.edu	Lee, Linda	Not sure if I wi	N/A
17	Adopt	0	6	10	4		dwilhelm@calpoly.edu	Wilhelm, Deborah	Fall 2014	ENGL 149
18	Modify	3	14	3	0		btimms@calpoly.edu	Funston-Timms, Benja	Spring 2015	GEOG 308 Global Geography
19	Author	5	13	2	0		spinto@calpoly.edu	Pinto, Sari	fall 2014	English 145
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21										

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In conclusion





Thank you!

David Ernst <u>dernst@umn.edu</u> @dernst



