Show me the data!
Partnering with instructors to teach data literacy
Survey results: teaching

• Most instructors who responded use data in class demonstrations and course assignments, but

• Over half the instructors are frustrated by finding data, technical difficulties with classroom equipment and software, or their own and their students software skills
Survey results: training

• 75% of respondents think training in finding and obtaining data would be helpful to their students

• Workshops and online guides, rather than in-class instruction, were the preferred modes for training
What comes next?

• Support use in the classroom
• Organize data for the classroom
• Encourage faculty to refer students
• Develop partnerships
Support use in the classroom

• Workshops as part of broader program
  – Finding and obtaining data (Census, ICPSR)
  – Statistical analysis software (SAS, SPSS, Stata)
  – Geographic concepts and software
• Deemphasize in-class instruction
Organize data for the classroom

- A new web portal
  http://www.library.illinois.edu/datagis/index.html
- Records in catalog for data sets
- Inventory data holdings on campus
- Subject portal to data about Illinois
Encourage faculty to refer students

• Have a physical space
• Develop a marketing plan
• Use existing connections
  – Subject Librarians
  – GIS listserv
Develop partnerships

• Who else on campus is providing support to teaching and learning with data?
• Work on joint projects other than library services
  – More exposure to teaching faculty
  – Benefit to non-library partners
How can an individual subject specialist implement these findings?

• Partnering with:
  – Market Information Lab
  – Experiential courses and programs

• Encouraging referrals

• Organizing resources

• Supporting students’ data use for projects
Thank You

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