



# **ECAR 2011 Study of Students and Technology Results**

and some comparisons to 2010

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## 2010 (N=106)

## 2011 (N=135)

- Under 25                      ▶ 84.9%                      ▶ 62.1%
- Female                        ▶ 77.4%                      ▶ 78.1%
- Full-time students           ▶ 85.4%                      ▶ 85.1%
- GPA  $\geq$  3.0                ▶ 56.6%                      ▶ 65.7%
- Living off-campus           ▶ 52.4%                      ▶ 63.6%

# Participant characteristics

Response	2010		2011	
	SR (N=38)	FR (N=52)	SR (N=68)	FR (N=44)
I am skeptical of new technologies and use them only when I have to.	0%	8%	9%	11%
I am usually one of the last people I know to use new technologies.	5%	14%	9%	18%
I usually use new technologies when most people I know do.	45%	46%	38%	39%
I like new technologies and use them before most people I know.	34%	23%	29%	18%
I love new technologies and am among the first to experiment with and use them.	16%	10%	15%	14%

**“Which of the following best describes you?”**



## 2010

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- 54.7% of respondents report owning desktop computers
- 78.2% own full-sized laptop computers
- 11.5% own small, lightweight notebook computers

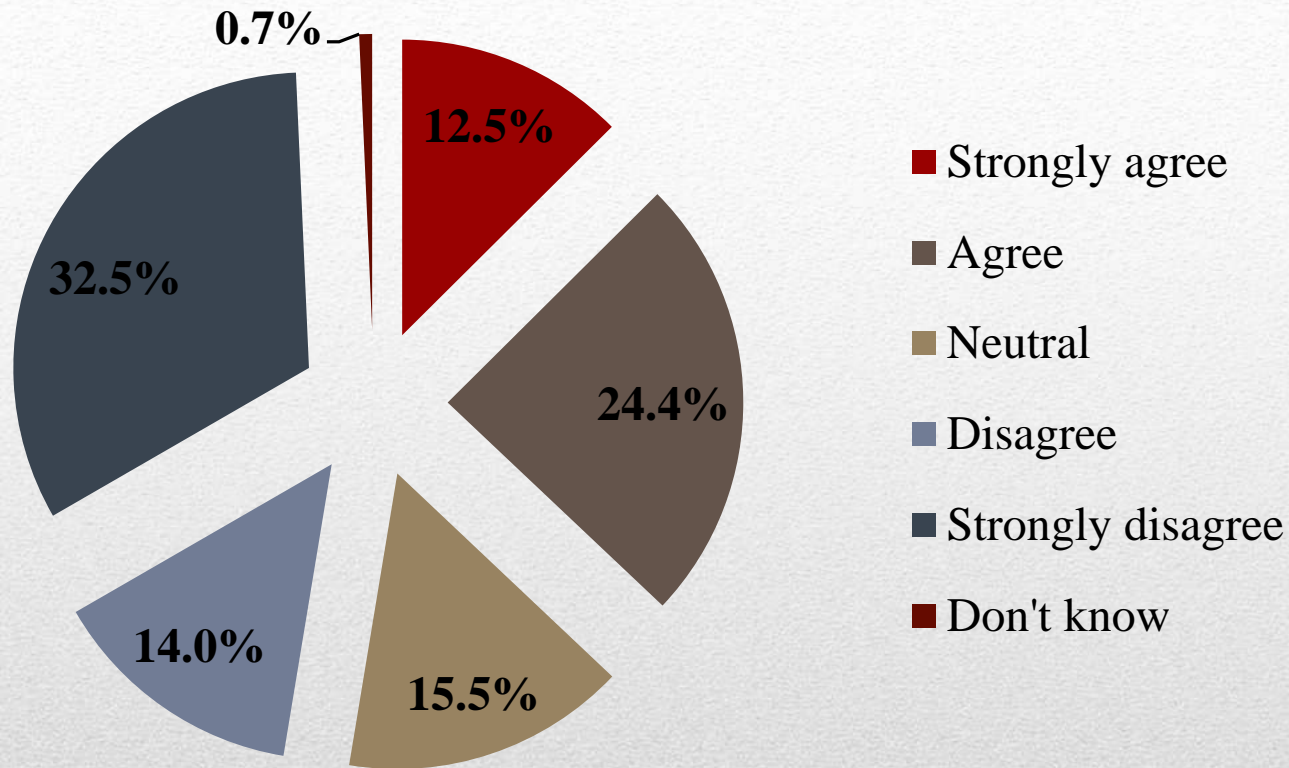
## 2011

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- 62.3% of respondents report owning desktop computers
- 75.6% own full-sized laptop computers
- 22.3% own small, lightweight notebook computers

# Computer ownership

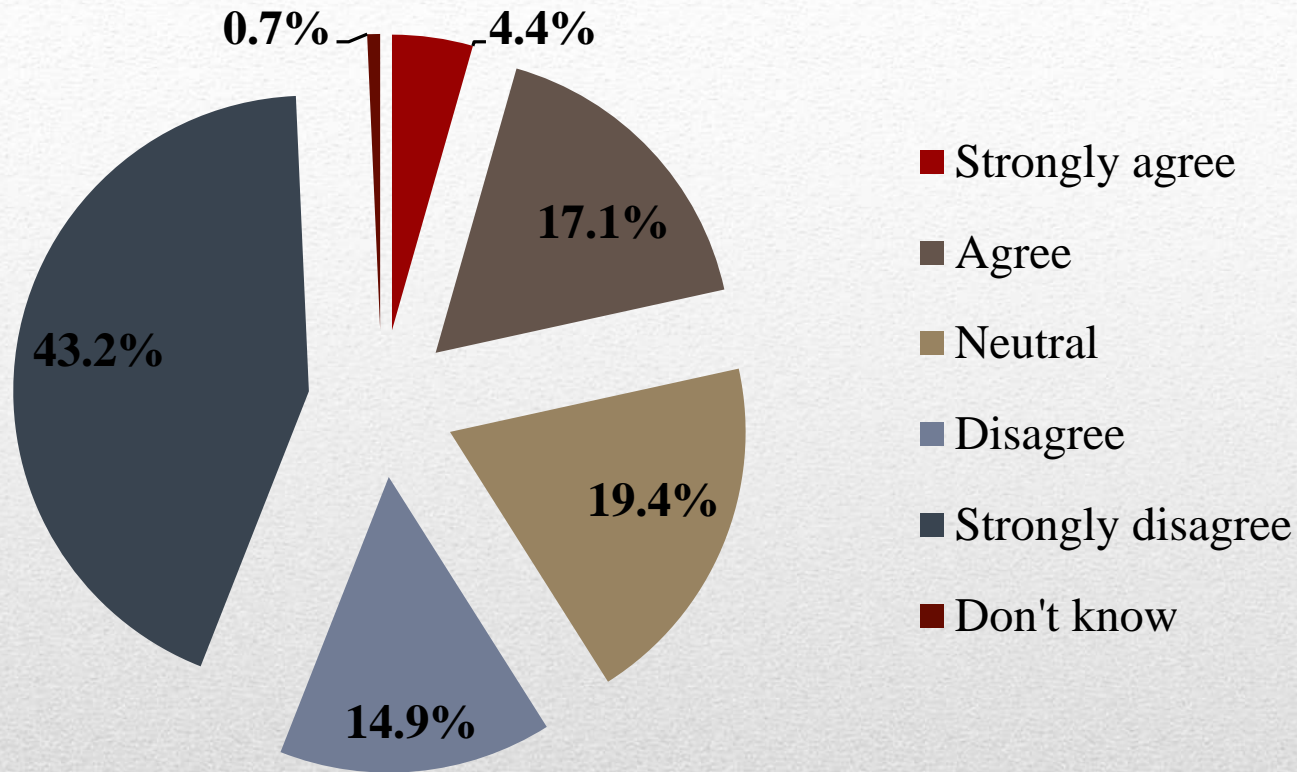
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**New for 2011: While I'm in class, I regularly use my laptop, netbook, tablet, or handheld device for course activities.**

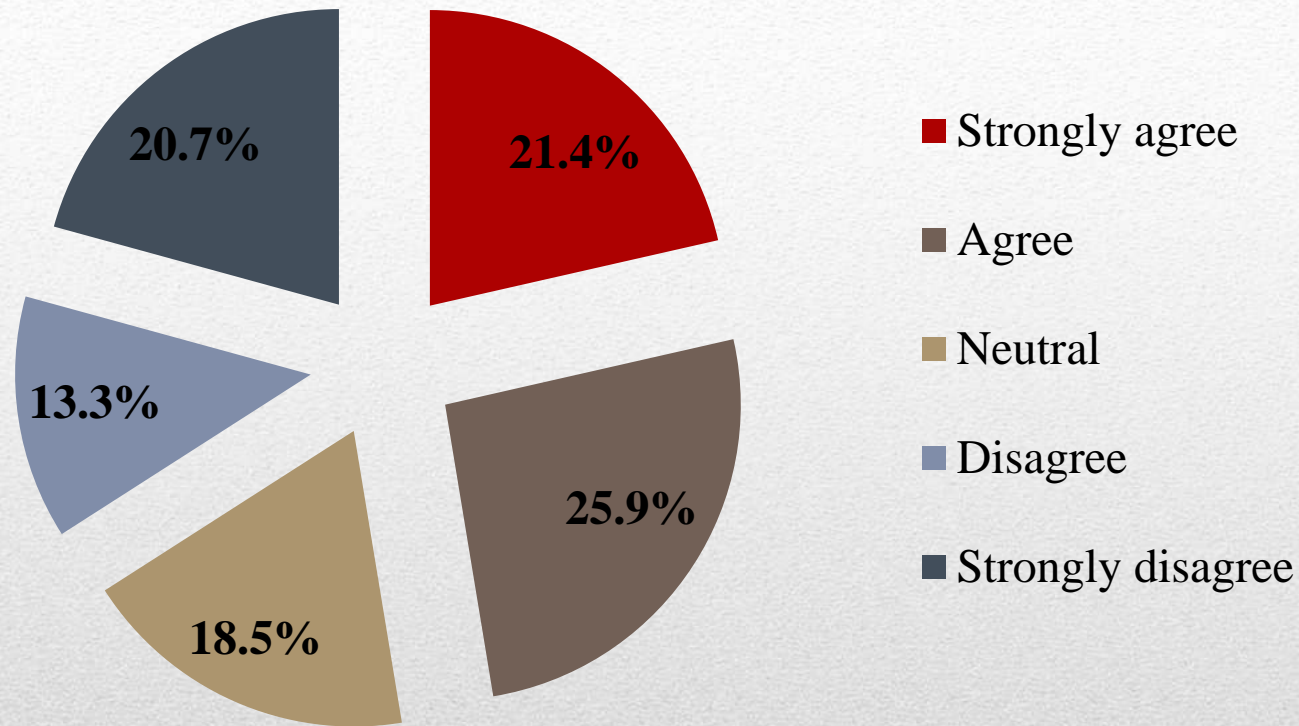
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**New for 2011: While I'm in class, I regularly use my laptop, netbook, tablet, or handheld device for non-course activities.**

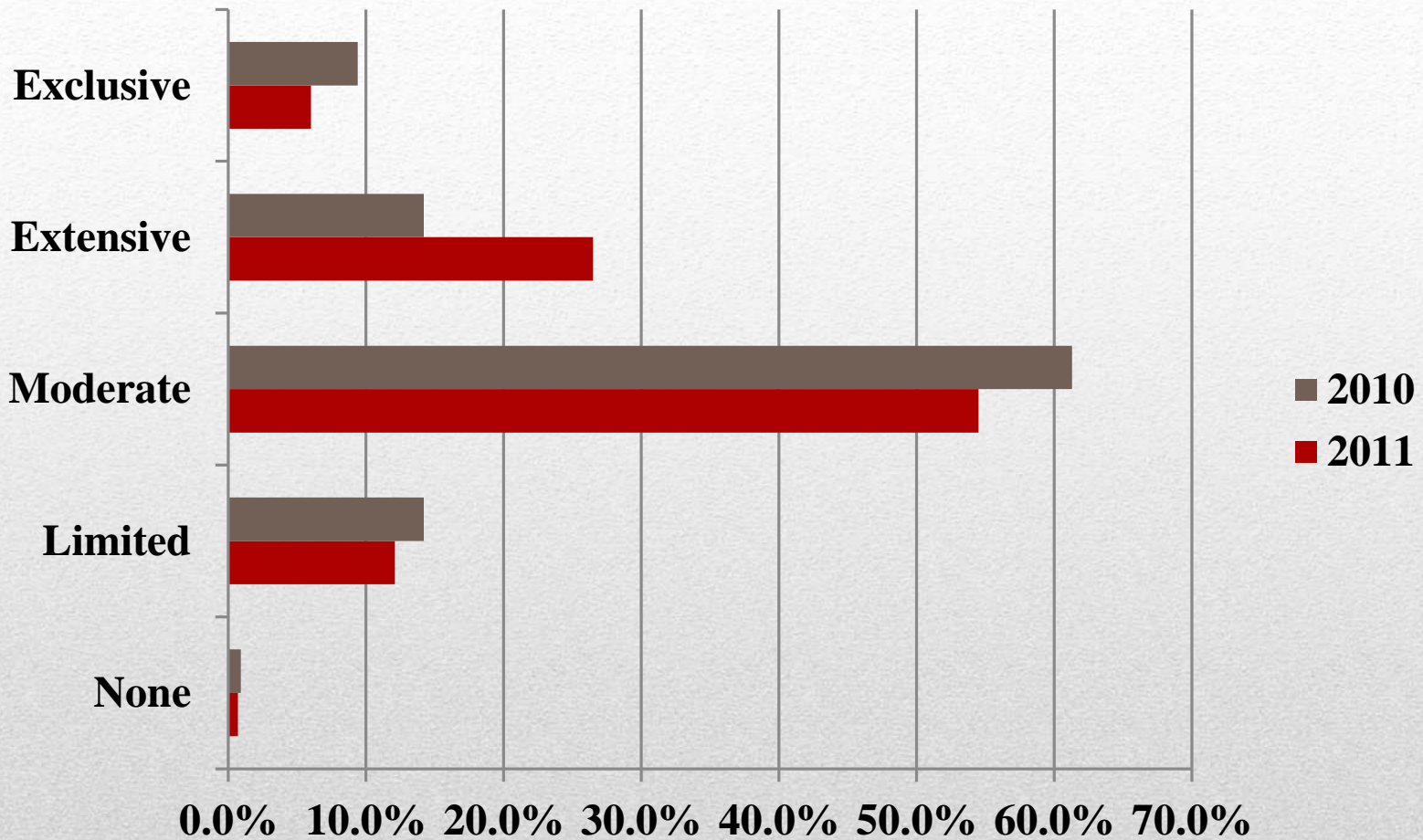
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**New for 2011: Instructors should have the authority to forbid the use of laptops, netbooks, tablets, or handheld devices during class time.**

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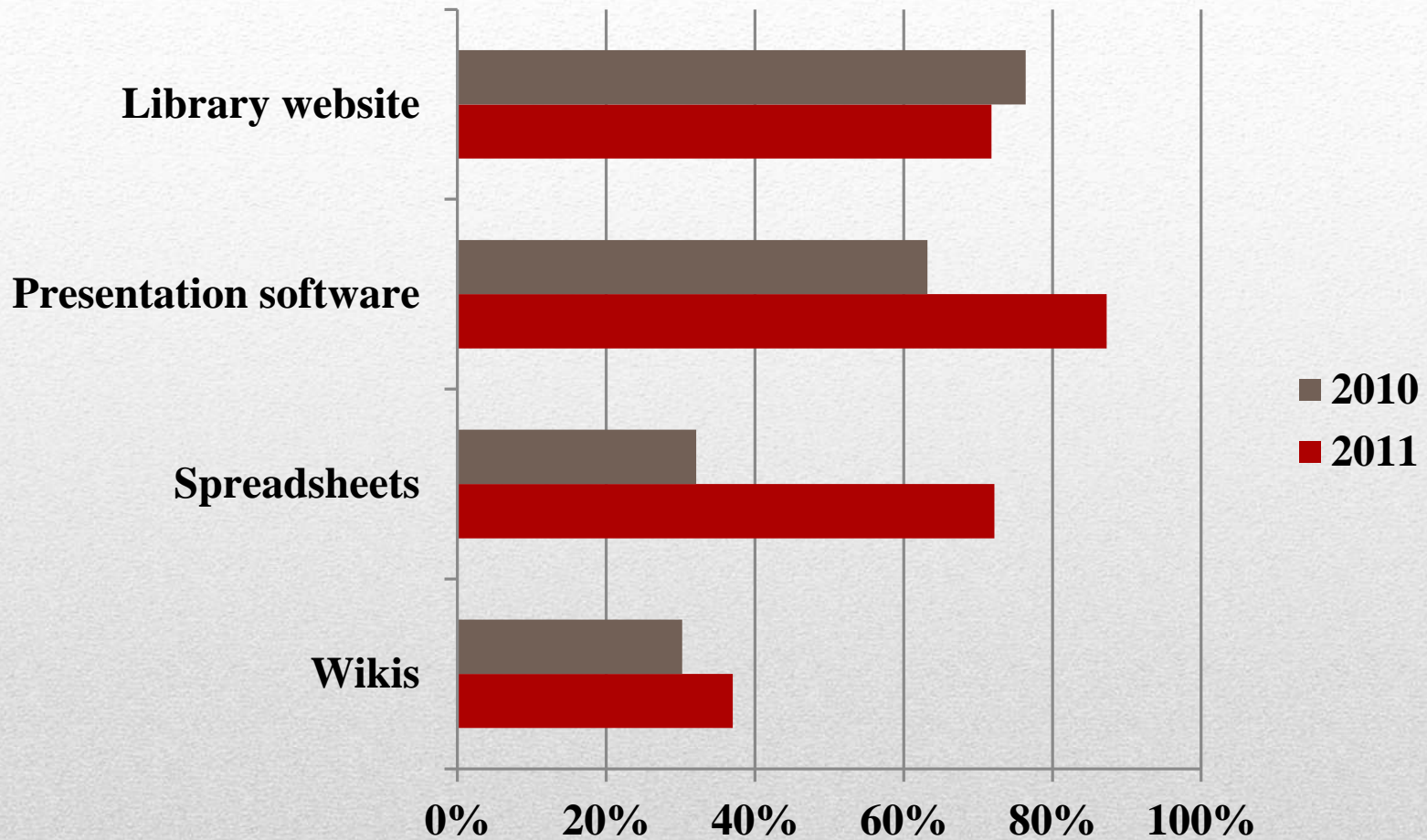




**How much IT do you prefer in courses?**

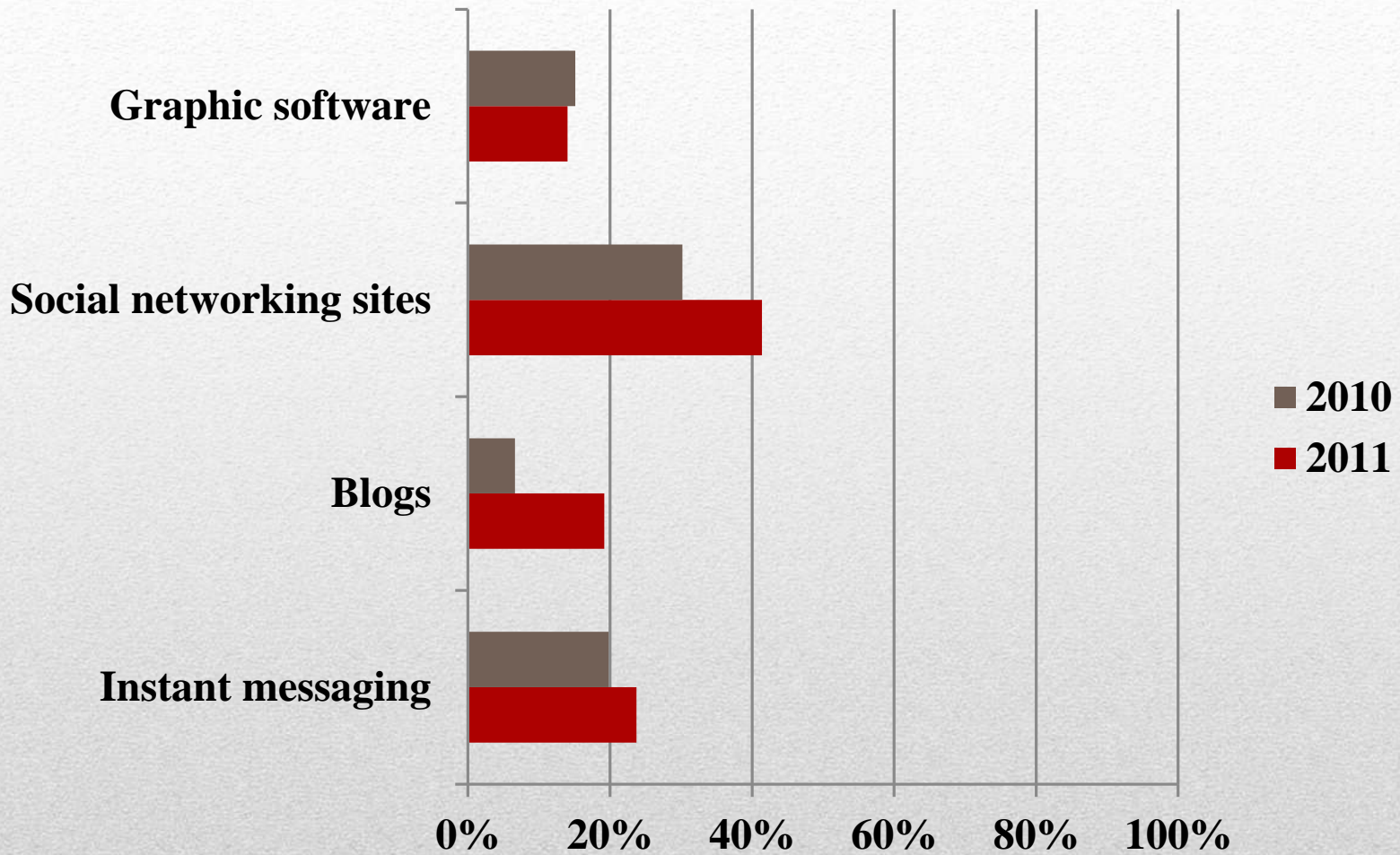
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**Using in courses (semester of survey)**

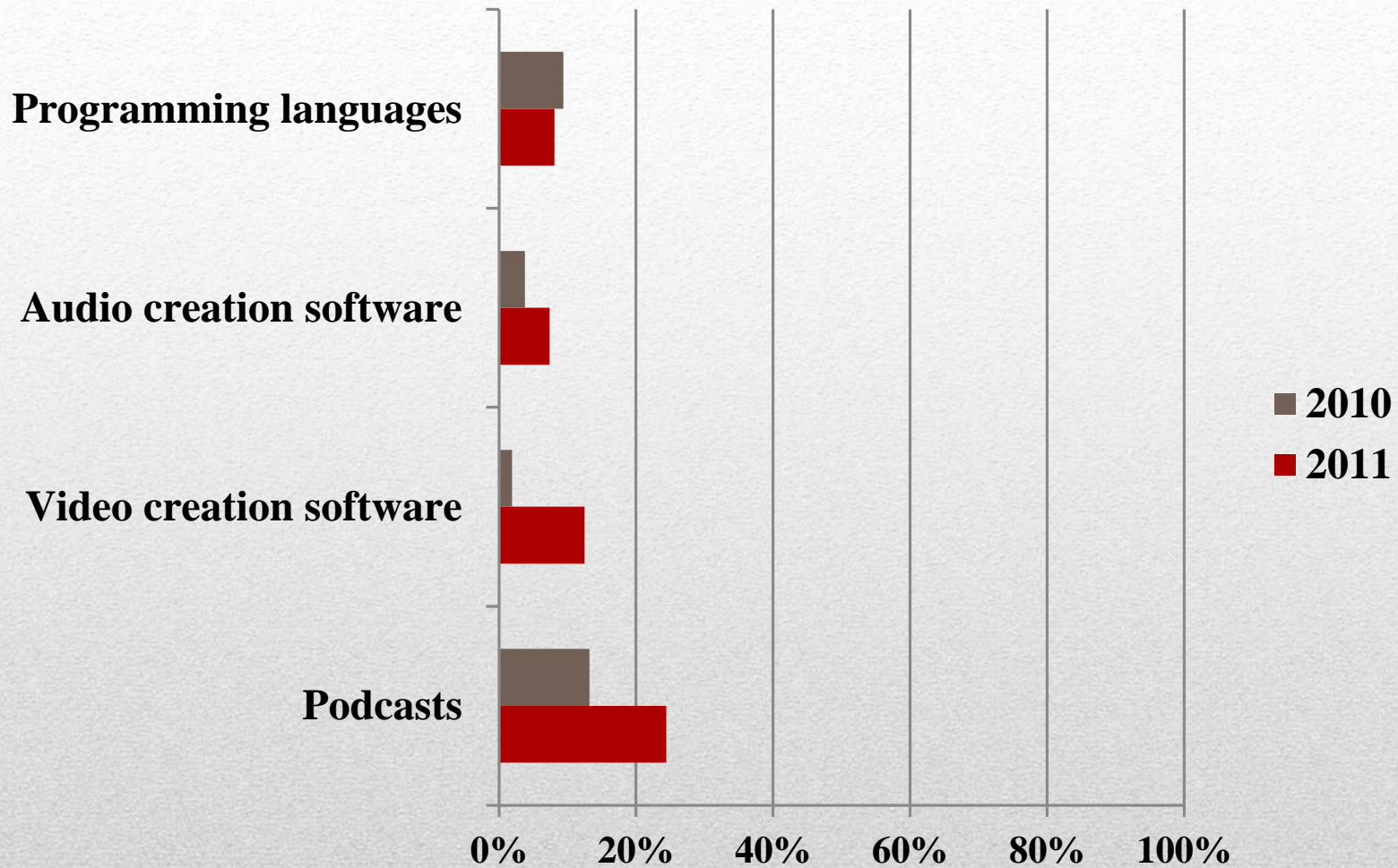
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**Using in courses (semester of survey)**

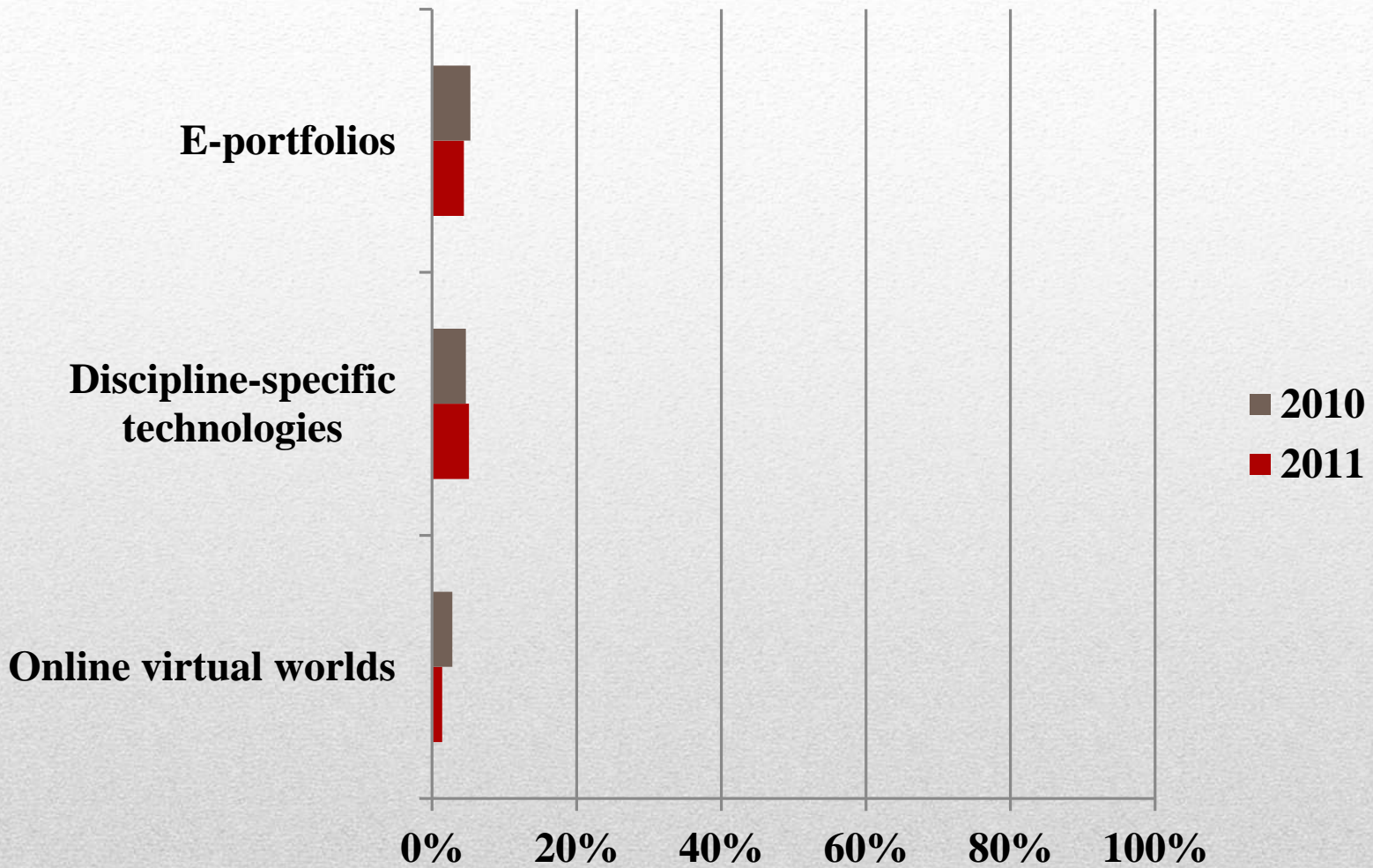
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**Using in courses (semester of survey)**

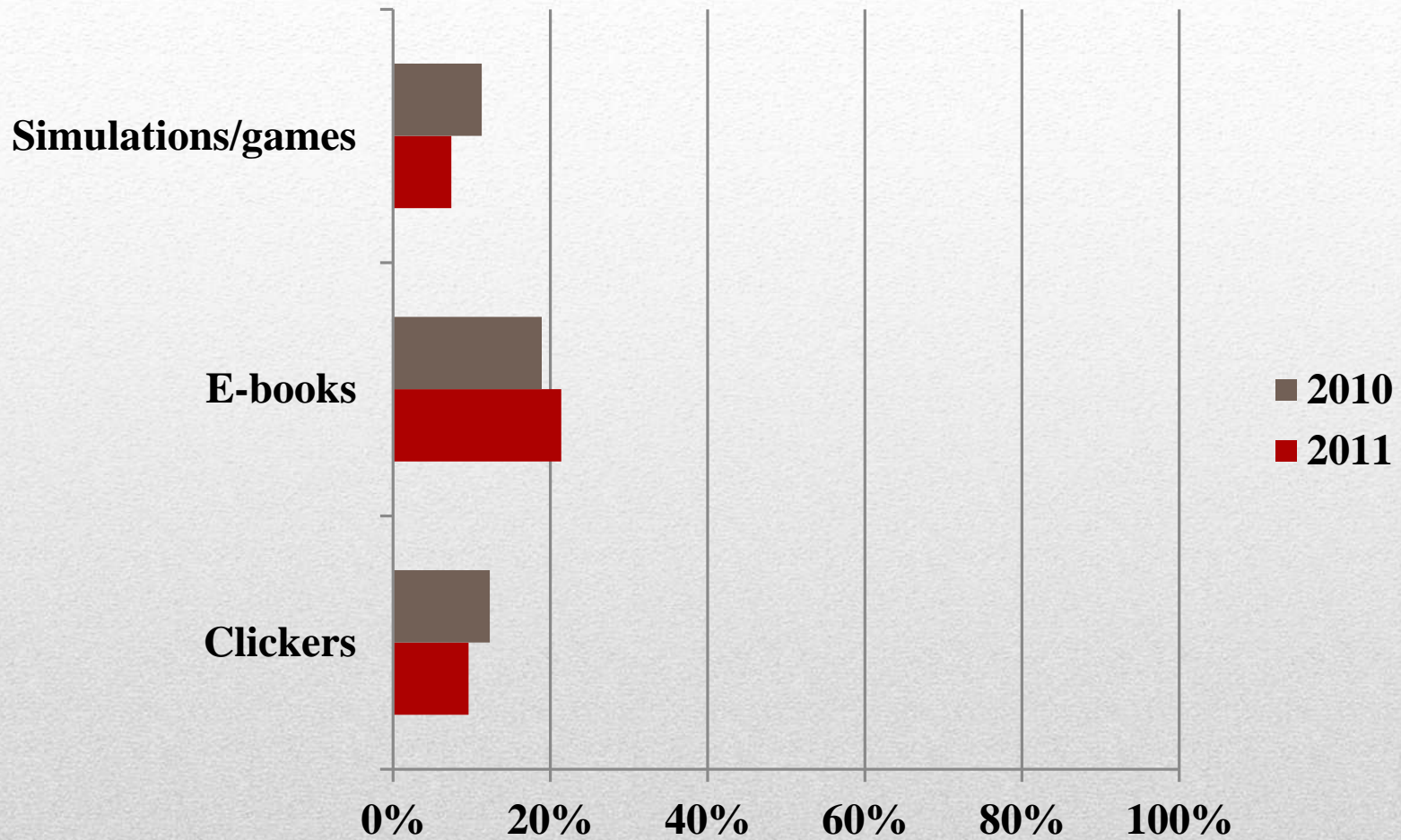
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**Using in courses (semester of survey)**

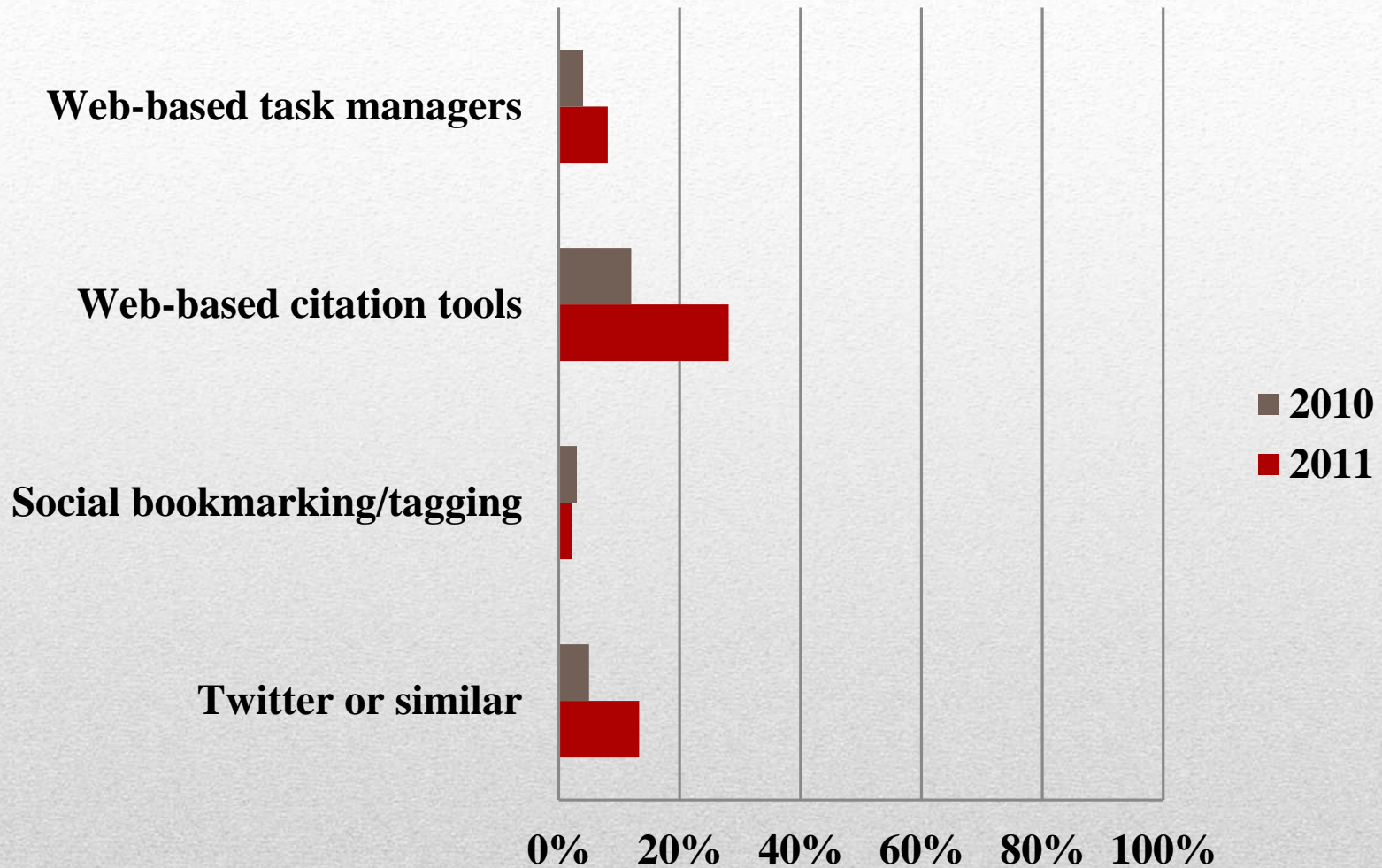
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**Using in courses (semester of survey)**

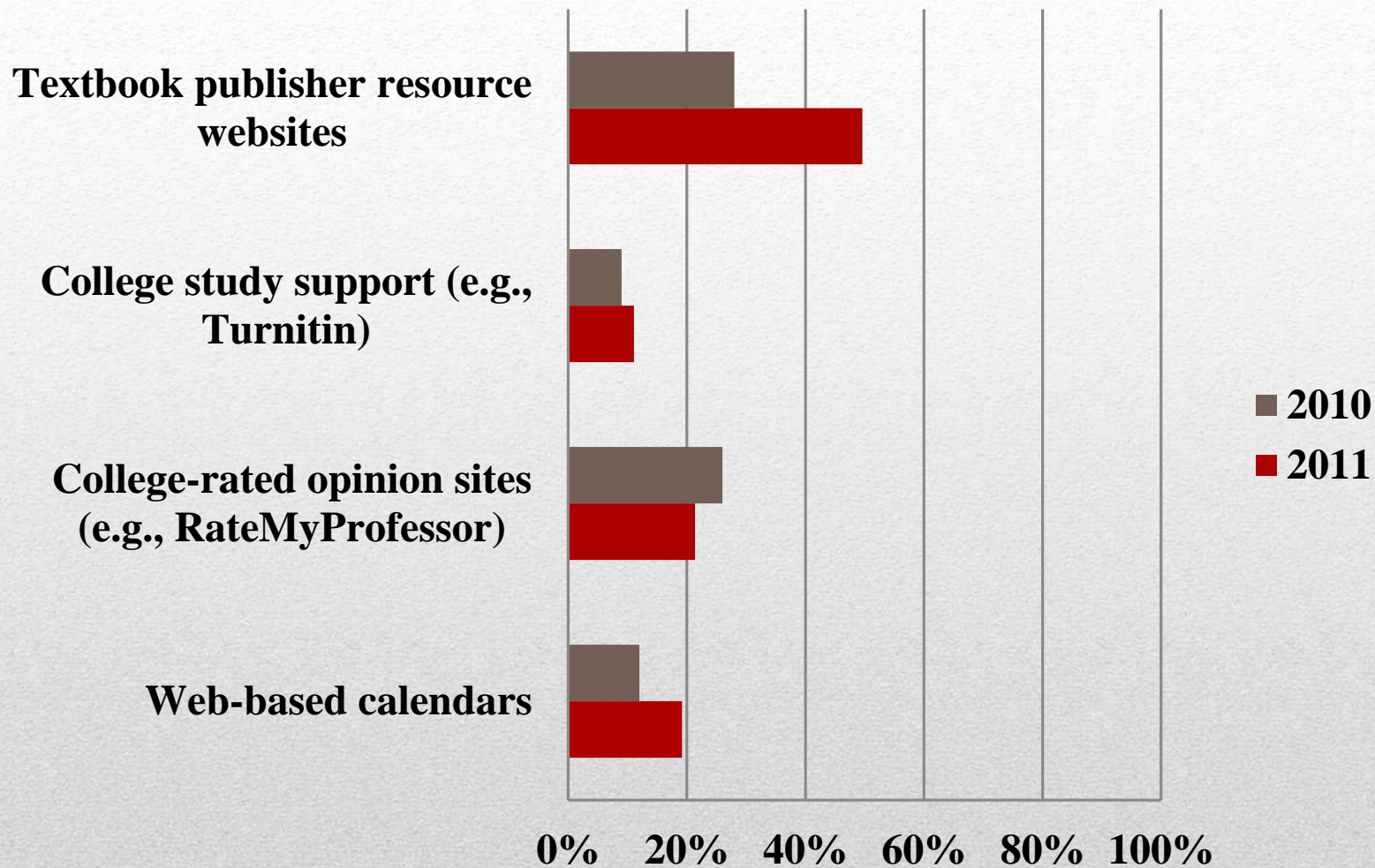
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**Using in courses (semester of survey)**

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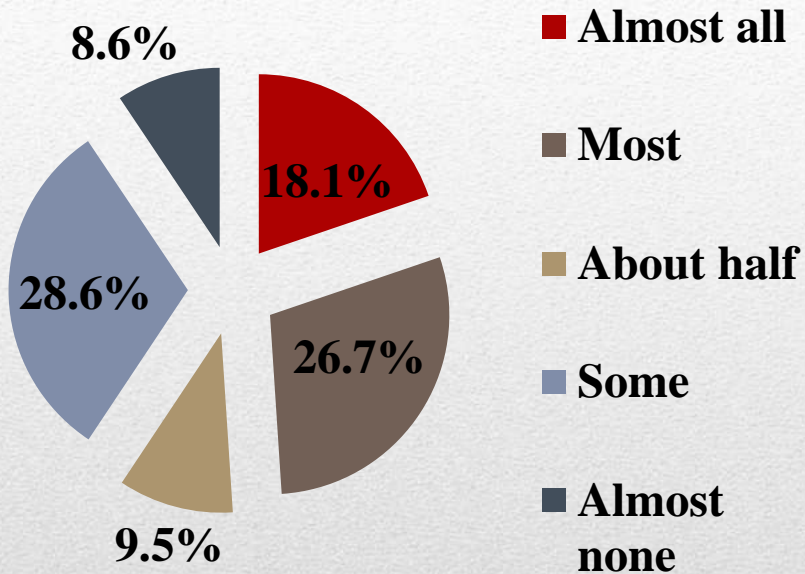




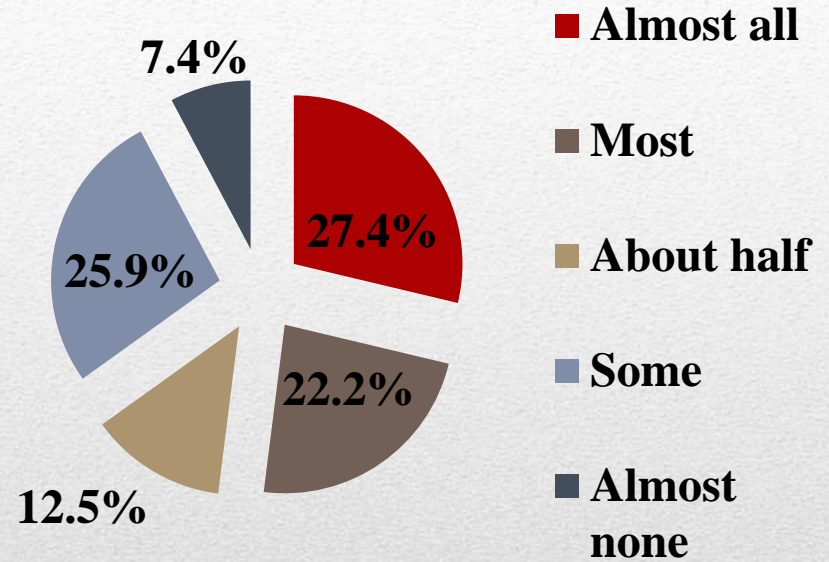
**Using in courses (semester of survey)**

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**2010**



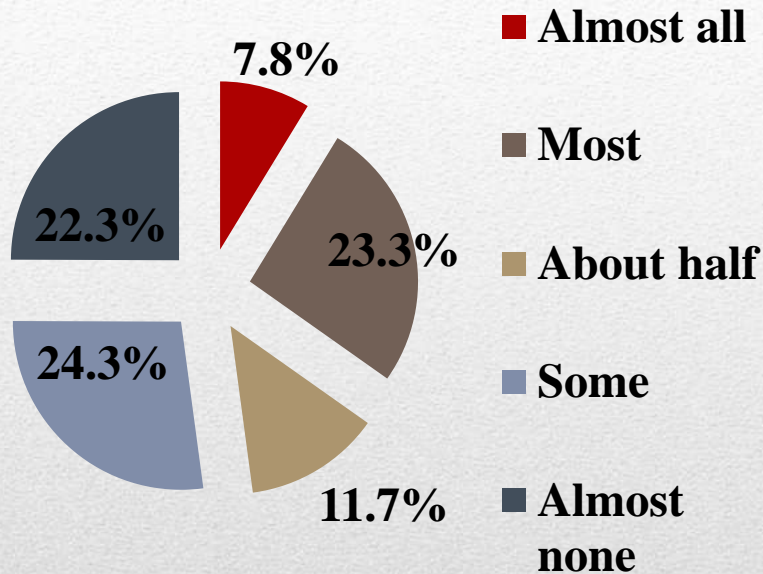
**2011**



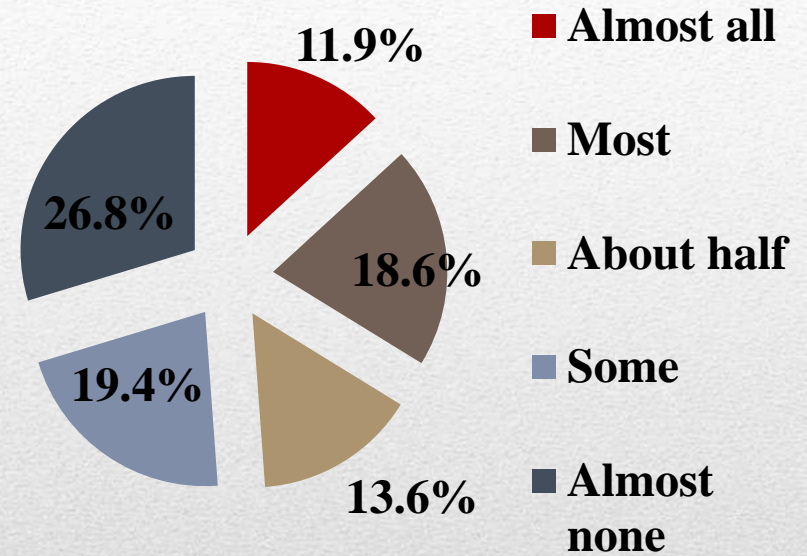
**Instructor use of IT in courses:  
Instructors use IT effectively**



**2010**

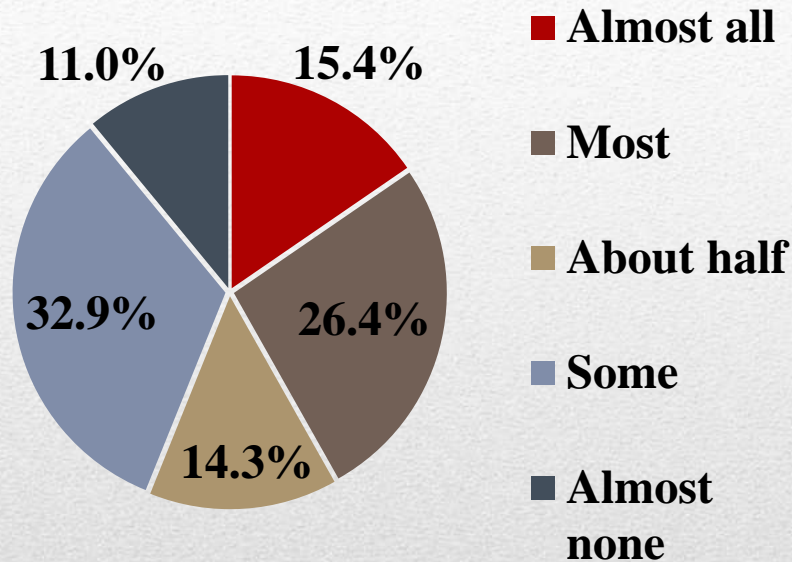


**2011**

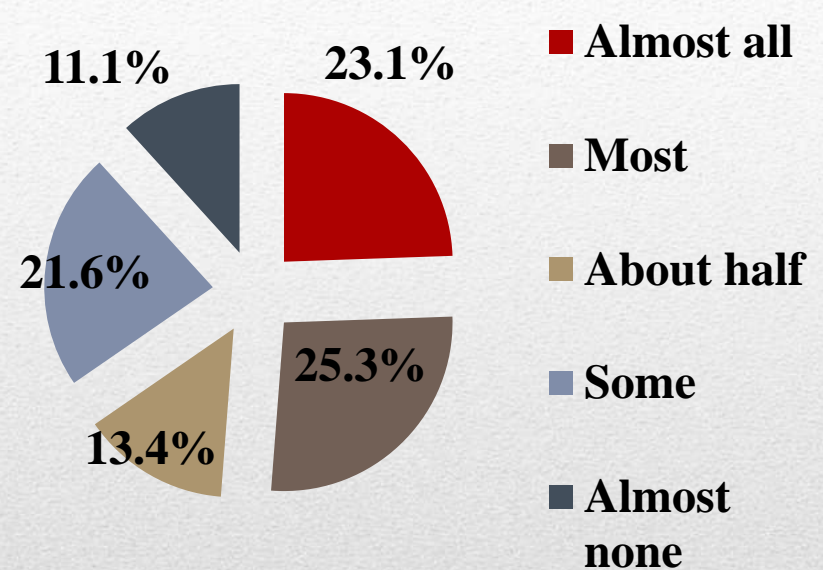


**Instructor use of IT in courses:  
Provide adequate training for IT used in  
courses**

**2010**



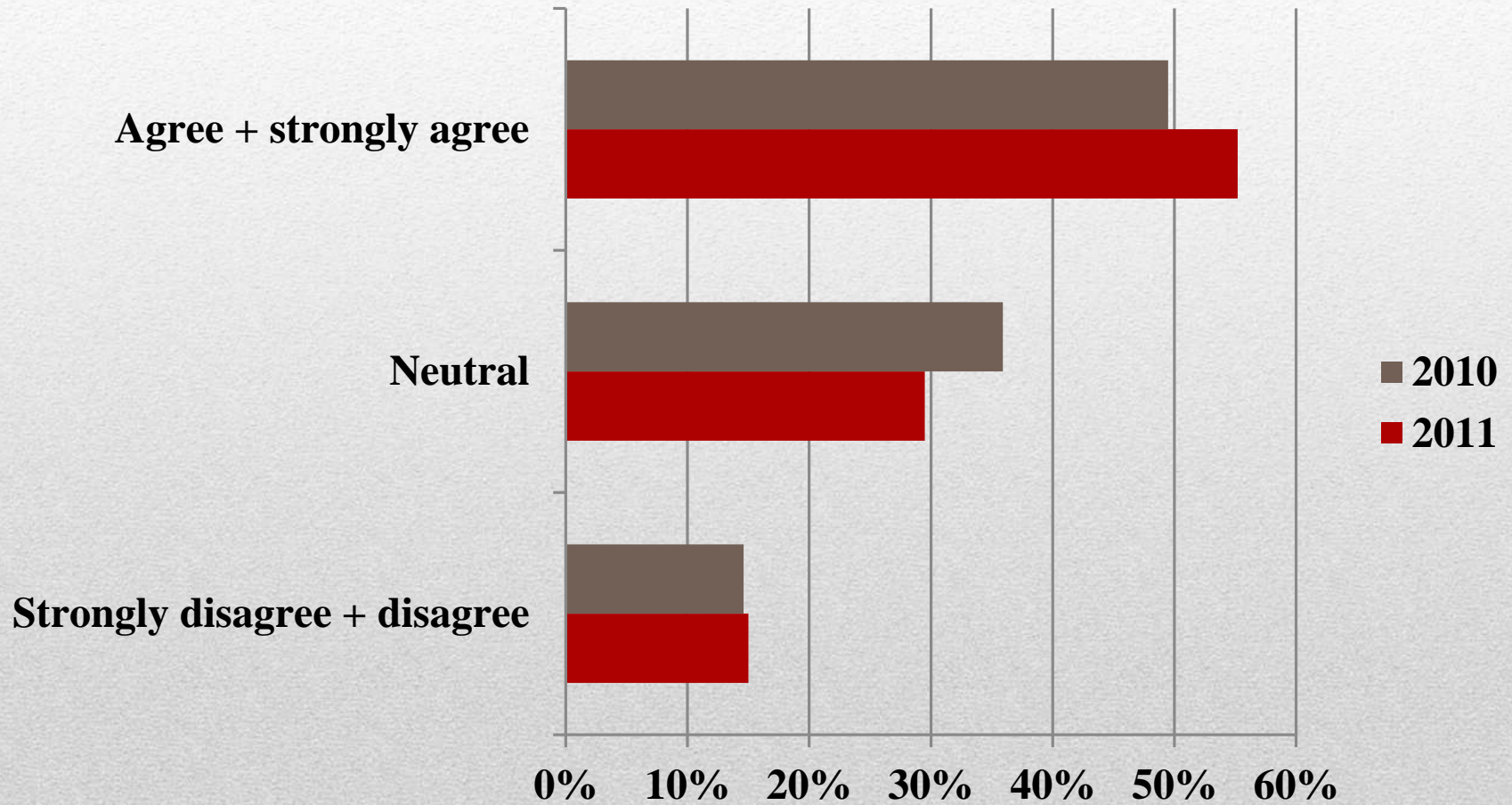
**2011**

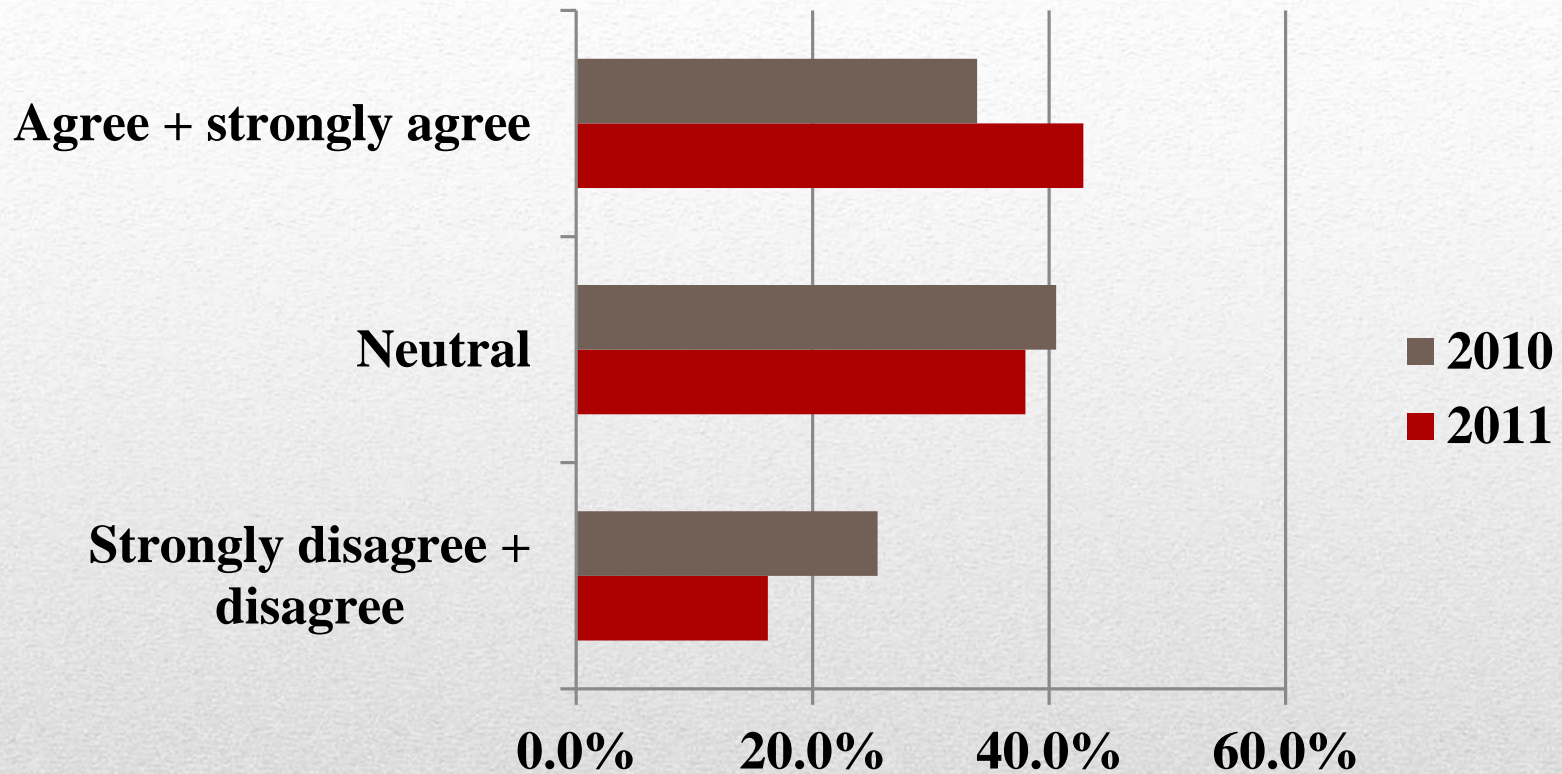


**Instructor use of IT in courses: Instructors have adequate IT skills for carrying out course instruction**



# “My institution’s IT services are always available when I need them for my course work.”

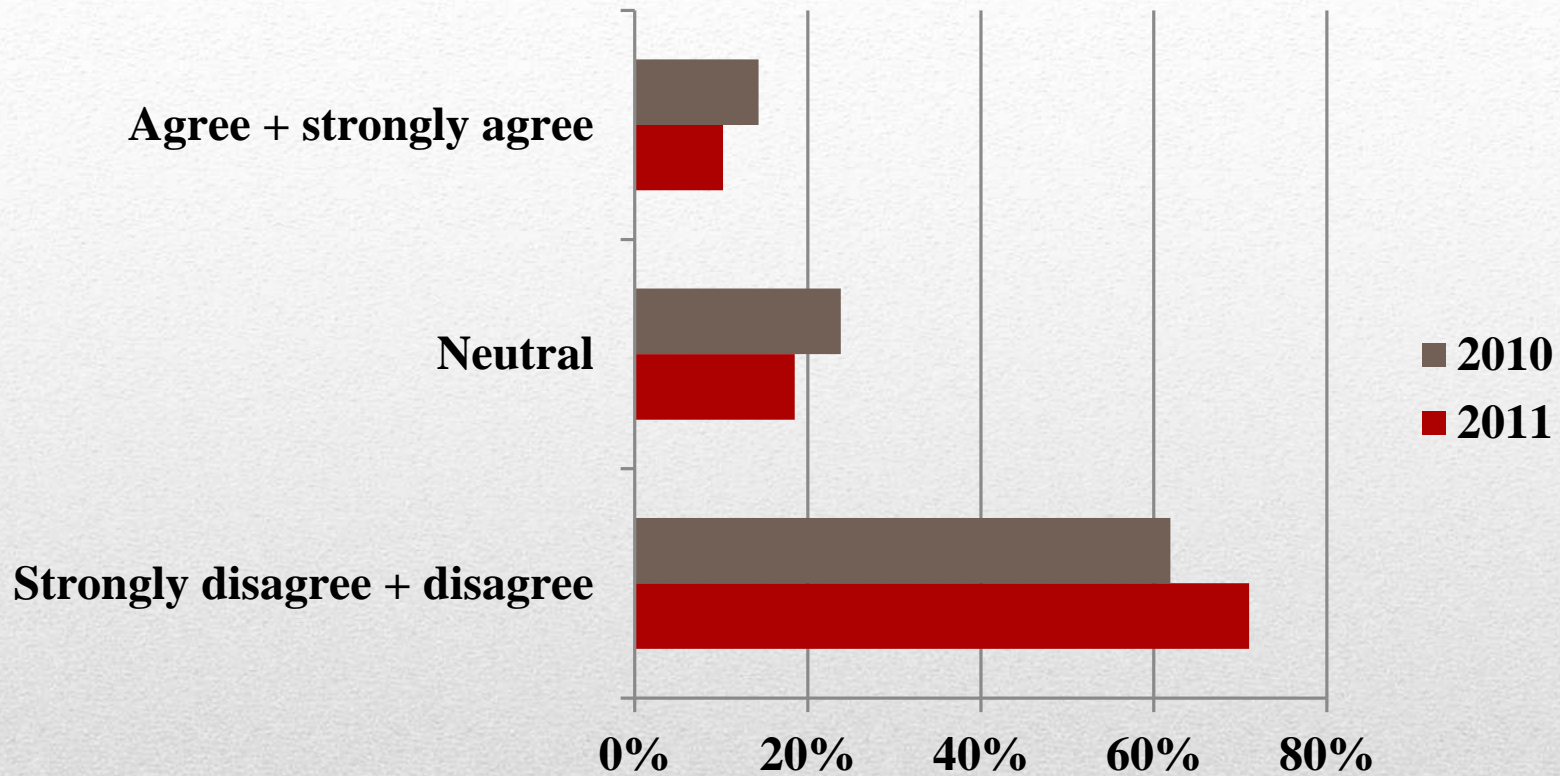




**“I get more actively involved in courses that use IT.”**

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**“I skip classes when materials from course lectures are available online.”**

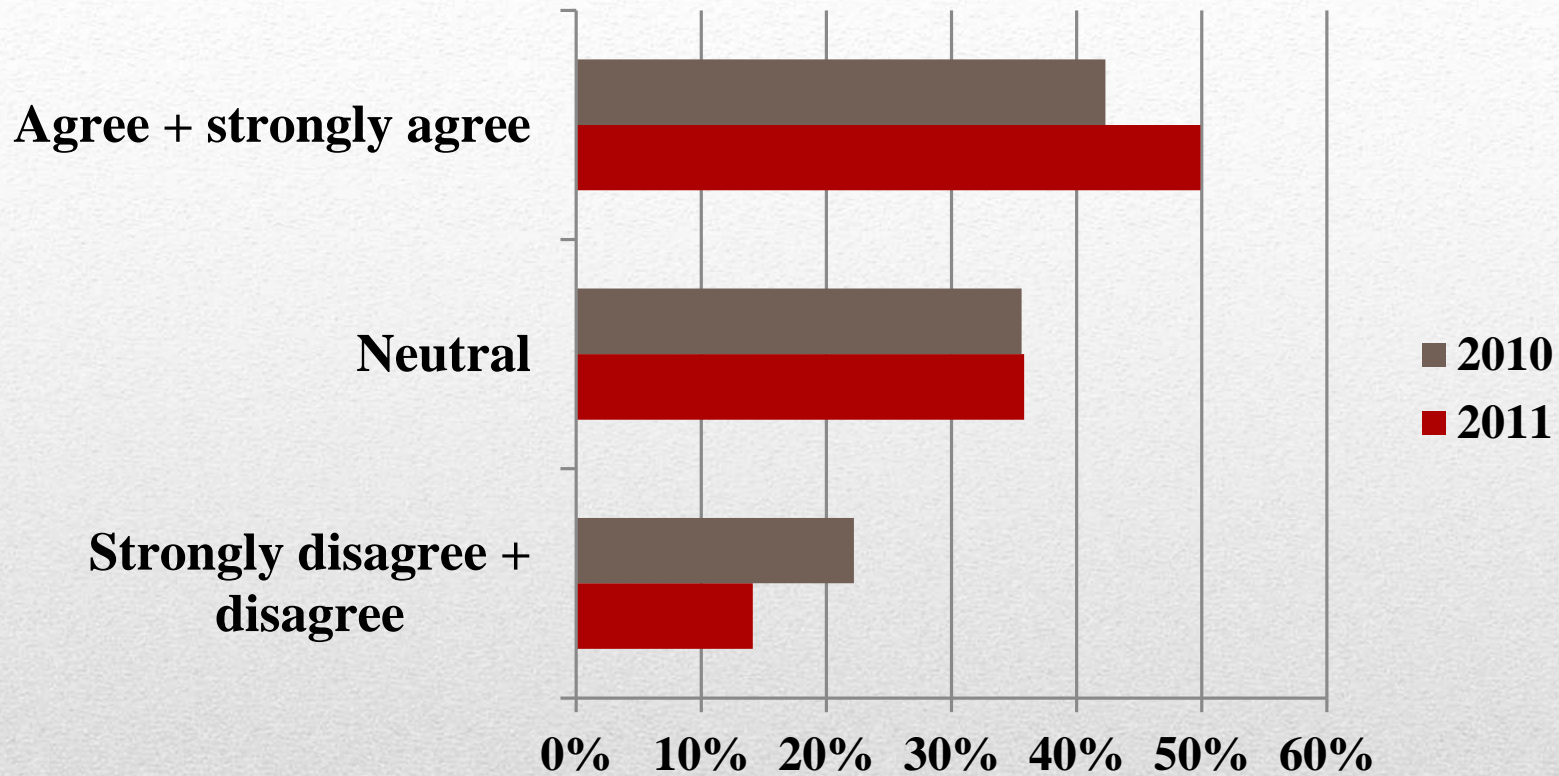
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- 78.8% UNCP students using semester of survey (compared to 59.4% in 2010)
- Over 50% describe their experiences with a CMS as positive or very positive
- 52.9% had at least one entirely online course semester of survey (compared with 29.5% in 2010)
- 14.3% had all online courses (8.6% in 2010)

## **Course Management Systems**

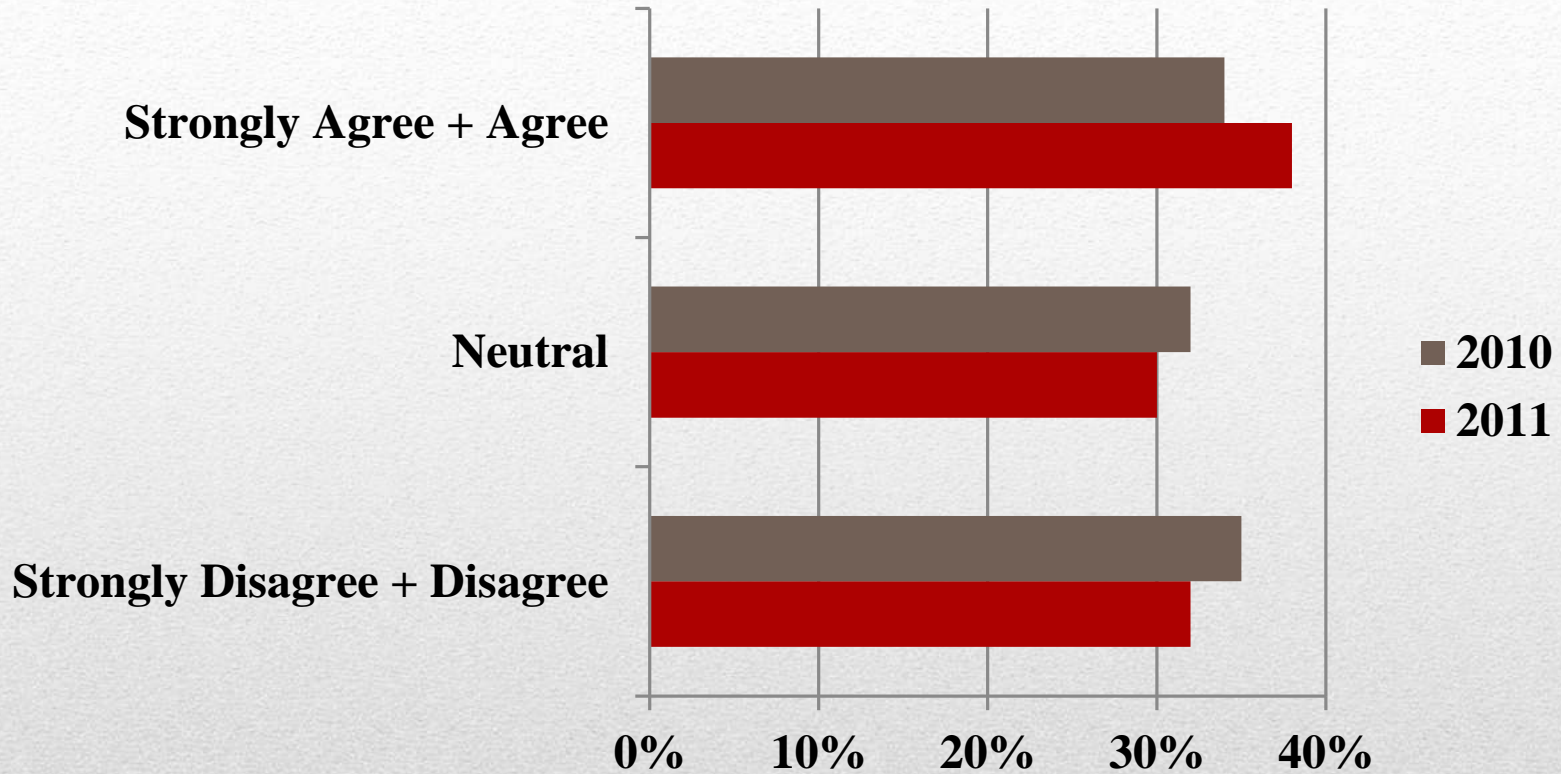
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**“The use of IT in my courses improves my learning.”**

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**“When I entered college, I was adequately prepared to use IT as needed in courses.”**

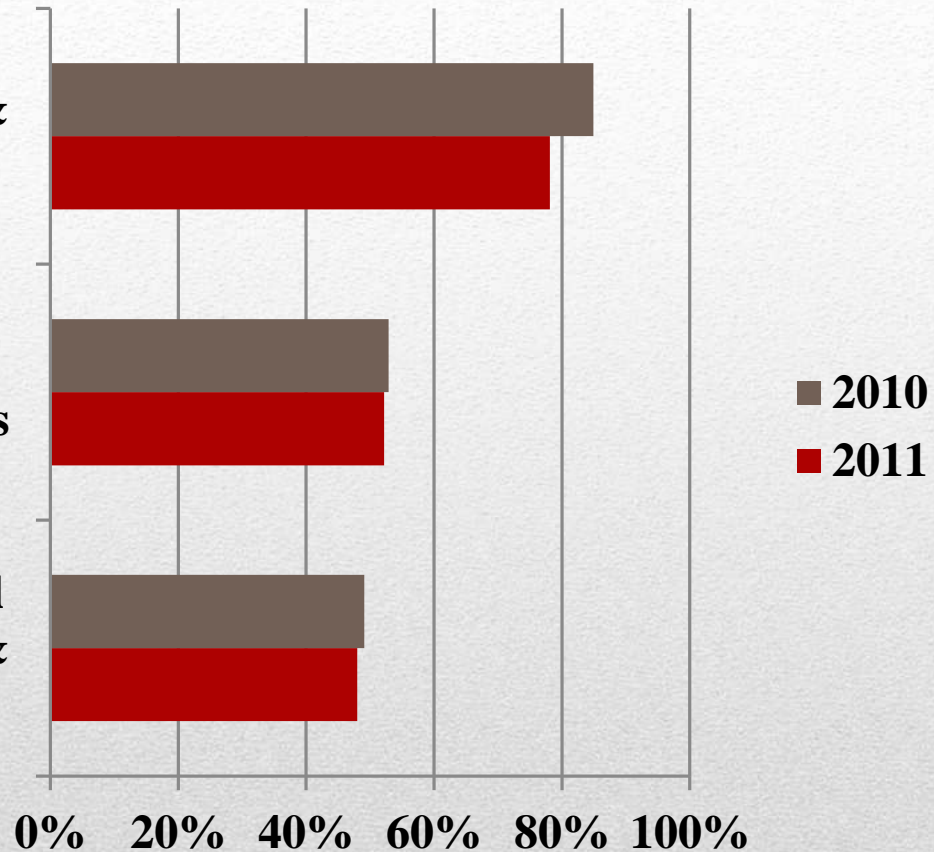
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**Using Internet to effectively & efficiently search for info**

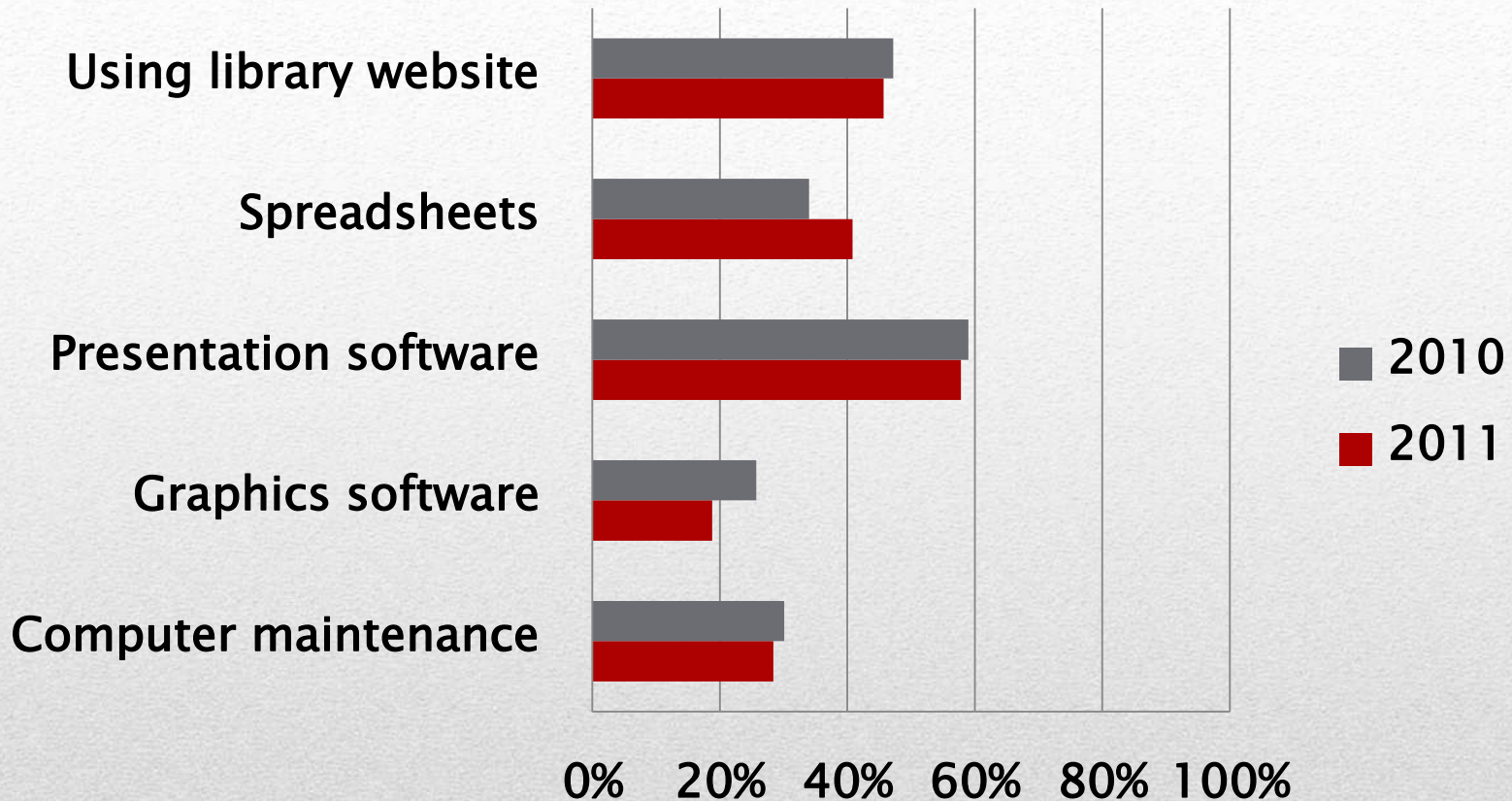
**Evaluating reliability & credibility of online sources**

**Understanding ethical/legal issues surrounding access & use of digital info**



**Percent who view themselves as “very skilled” or “expert”**

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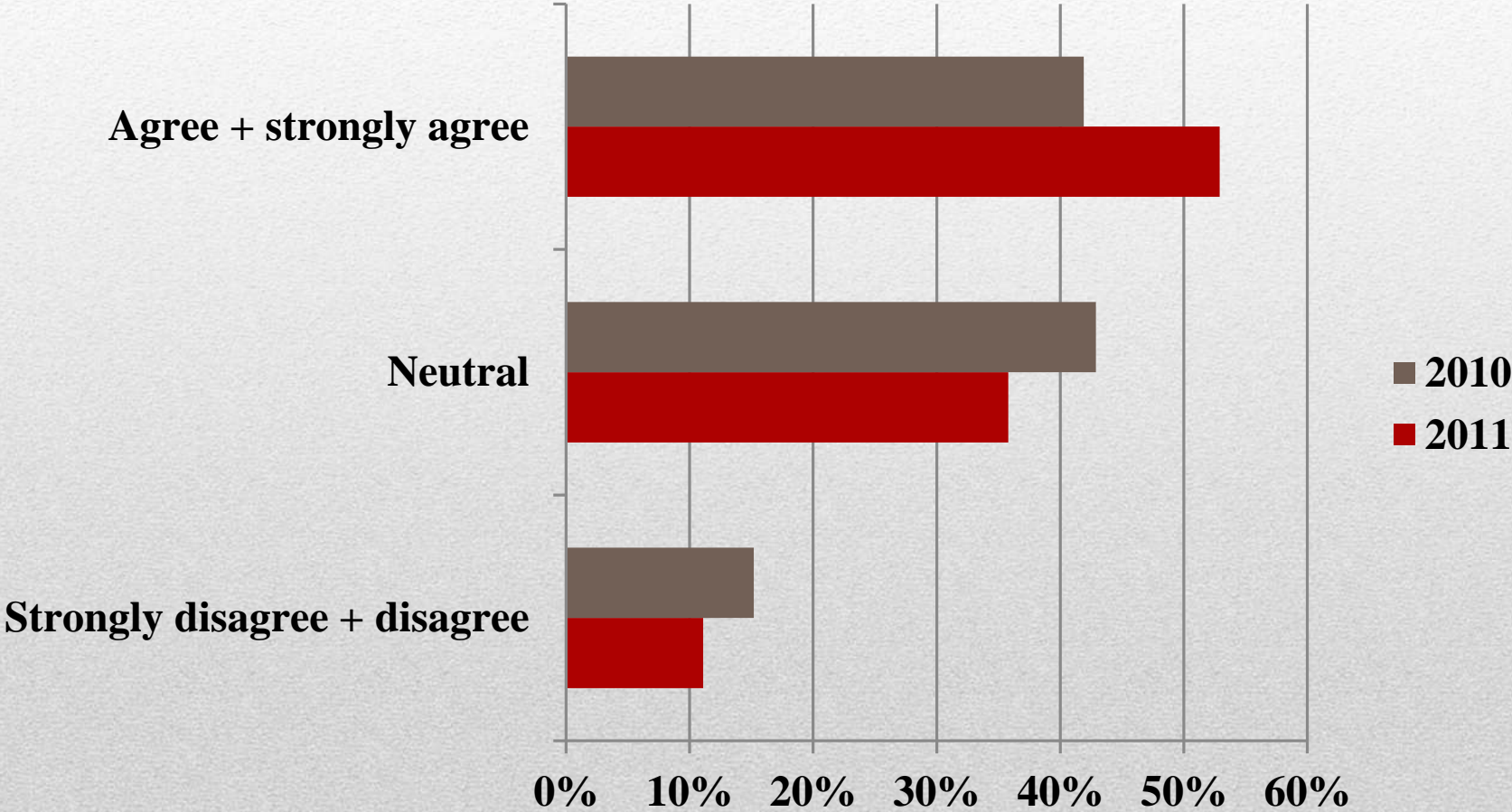


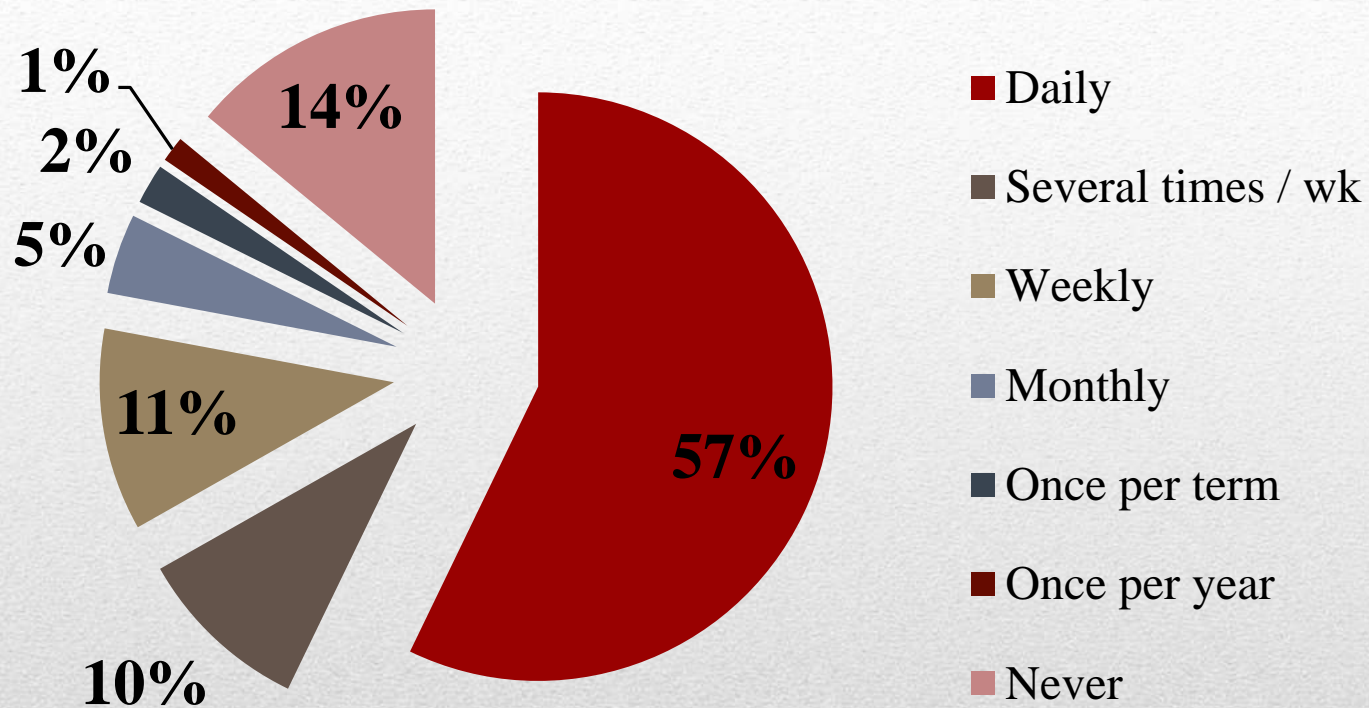
**Percent who view themselves as “very skilled” or “expert”**

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# Student success: “By the time I graduate, the IT I have used in my courses will have adequately prepared me for the workplace.”





## **Social networking sites: How often do you use?**

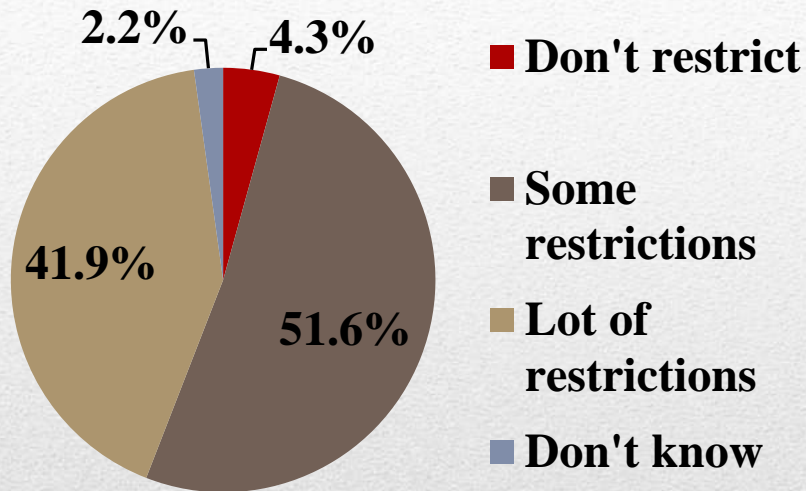
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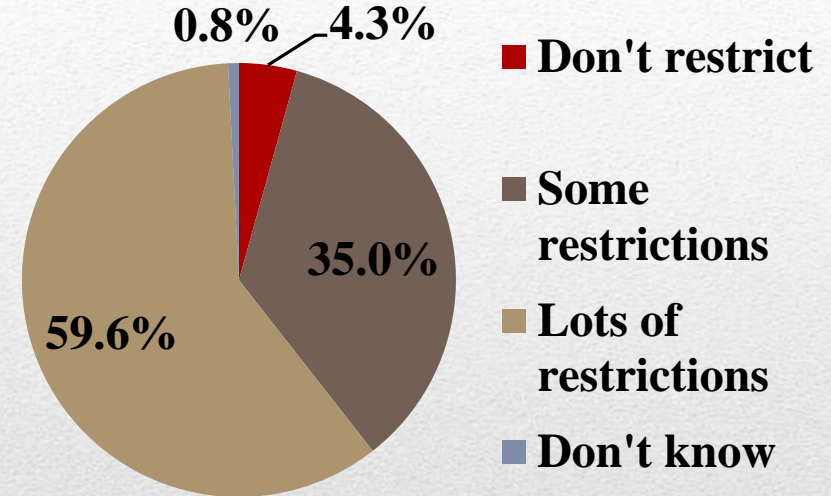
# Social networking sites: How do you use? (% YES)

Use	2010	2011
Stay in touch with friends	95.7%	95.6%
Make new friends I have never met in person	39.4%	34.4%
Find out more about people (I may or may not have met)	56.4%	58.6%
As a forum to express my opinions and views	40.4%	40.5%
Share photos, music, videos, or other work	79.8%	85.3%
For professional activities (job networking, etc.)	17.0%	34.4%
Participate in special-interest groups	28.7%	38.7%
Plan or invite people to events	39.4%	52.5%
Play games	47.9%	42.2%
Follow/interact w/ my university's social/extracurricular activities	46.8%	44.8%
Use/communicate w/ university administrative services/offices	20.2%	23.2%
Communicate with classmates about course-related topics	59.6%	67.2%
Communicate with instructors about course-related topics	12.8%	24.1%
Other	21.3%	23.2%

**2010**



**2011**



**Social networking sites: Do you limit or restrict who has access to your profiles?**