ECAR 2009 Study of Students and Technology Results

and comparisons to 2008

Participant characteristics

- Under 25

- Female

- Full-time students

- GPA $=/>3.0$

- Living off-campus

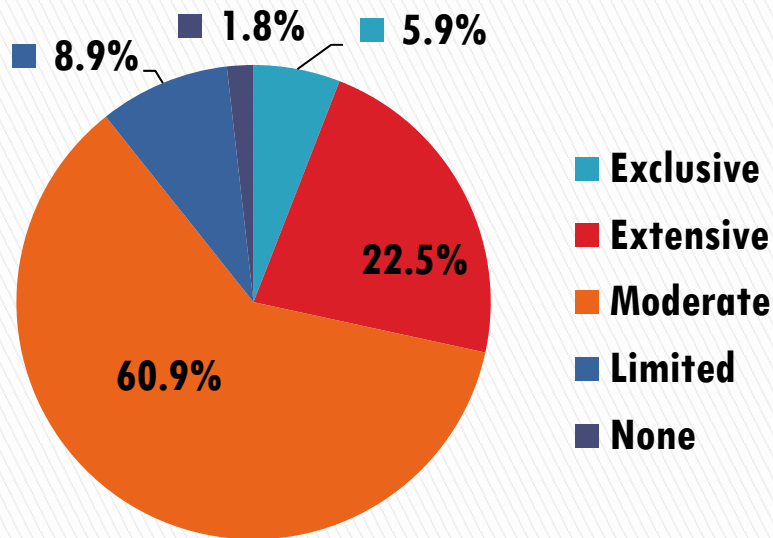|	64.7%	66.1%
	71.6%	69.2%
	82.7%	85.4%
	70.5%	~90%
	67.6%	64.1%

| 2008 (170) | 2009 (171) |

Computer ownership

- 57.1% of respondents own desktop computers

- Most of these are at least 4 years old; about a fifth of respondents have a desktop that is more than 4 years old

- 76.5% own laptop computers (up from 73.4% in 2008)

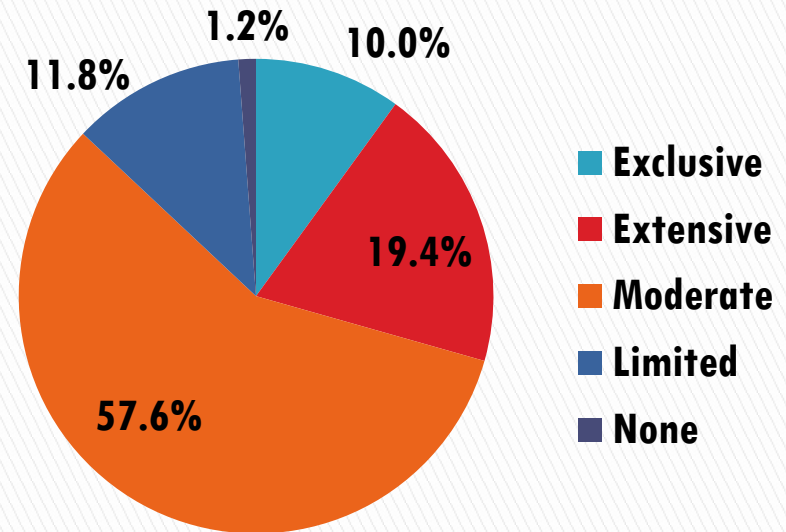- About 60% of respondents have a laptop that is 2 years of age or newer

Internet capable cell phones

- Internet capable cell phone ownership among 2009 respondents was 59.1%

- Among 2008 respondents, it was 70.6%.

- Those who actually use the device to access the internet: 68.3%
  - Up from 31.4% in 2008
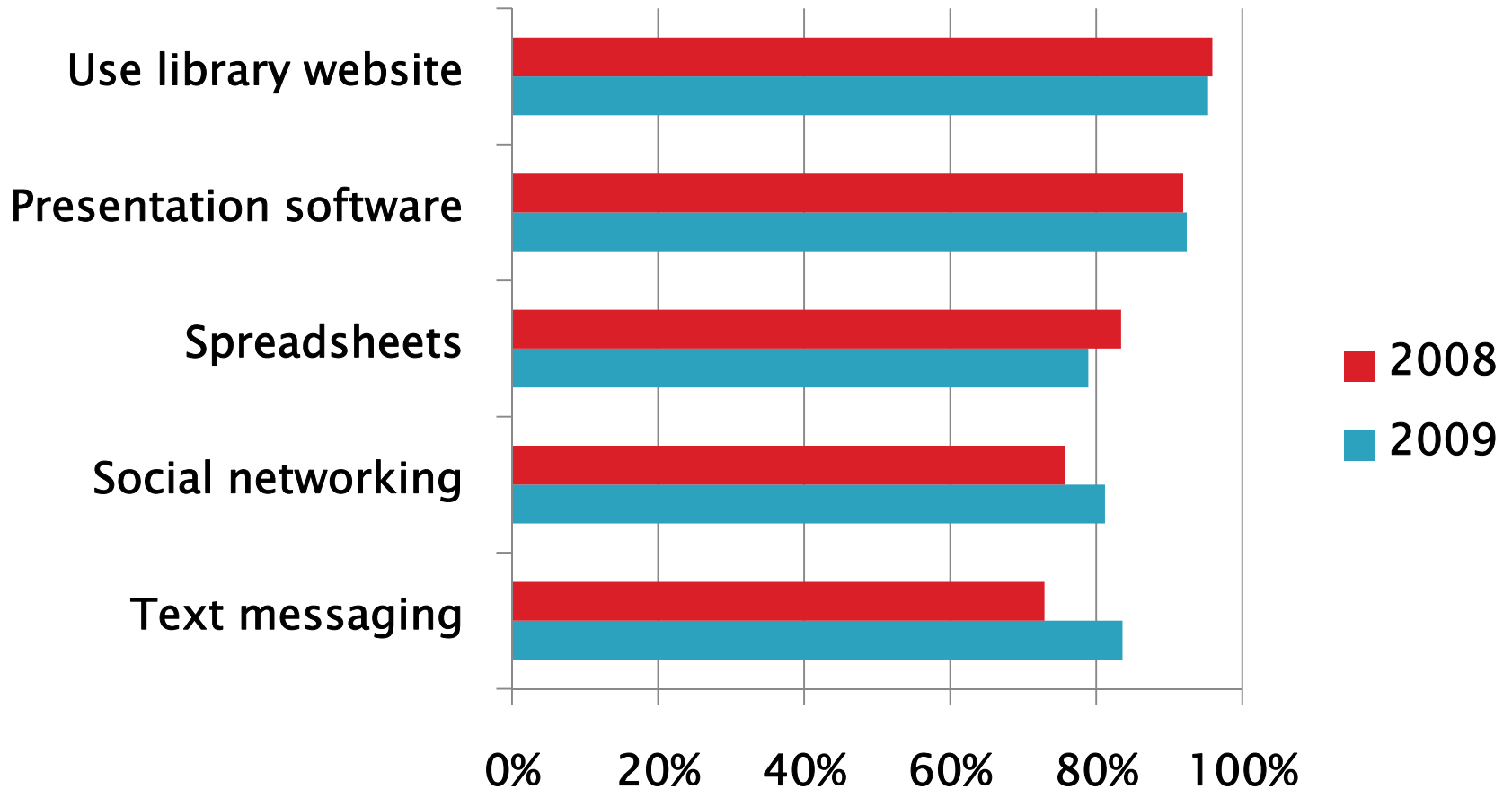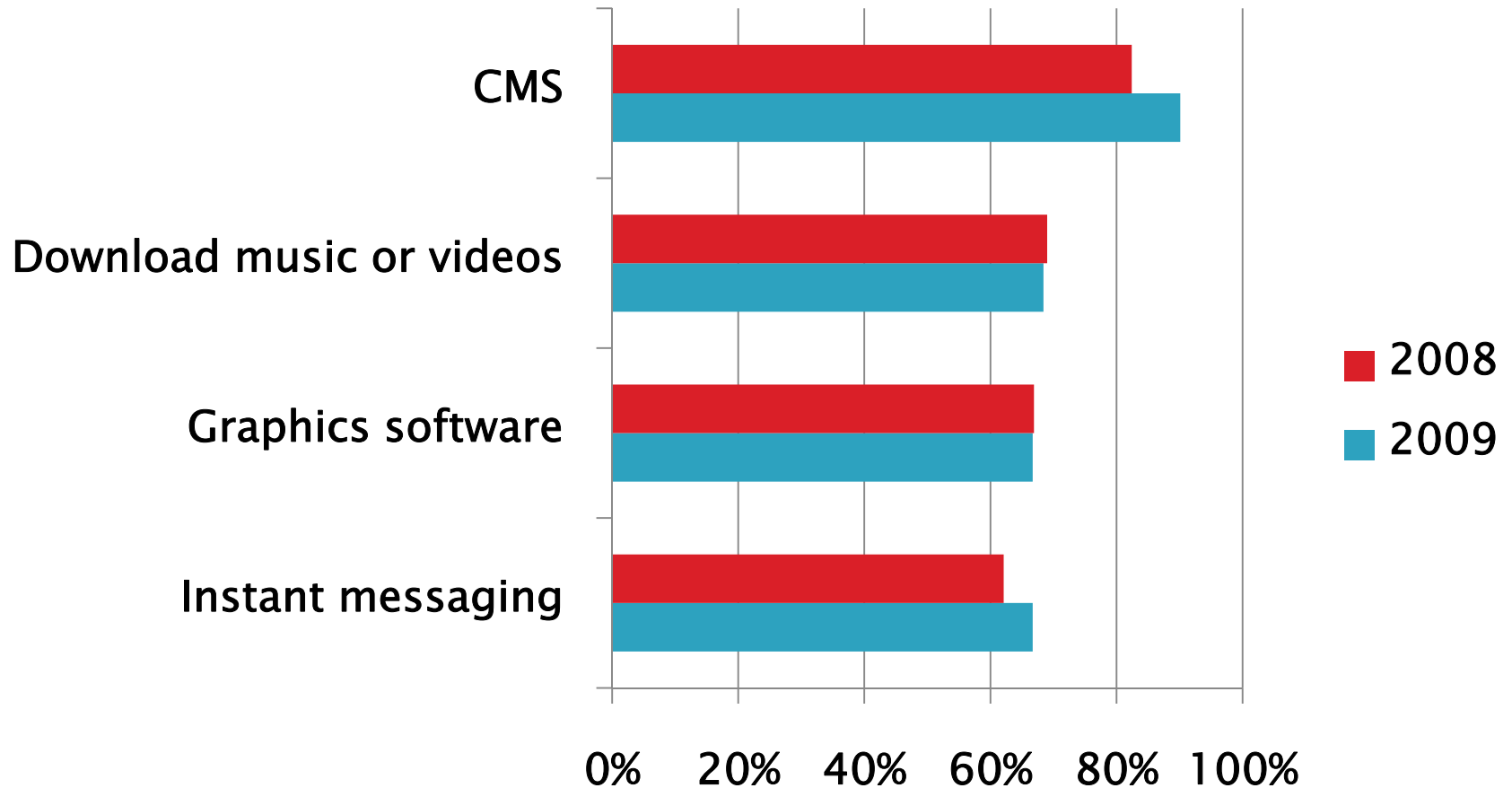
How much IT do you prefer in courses?
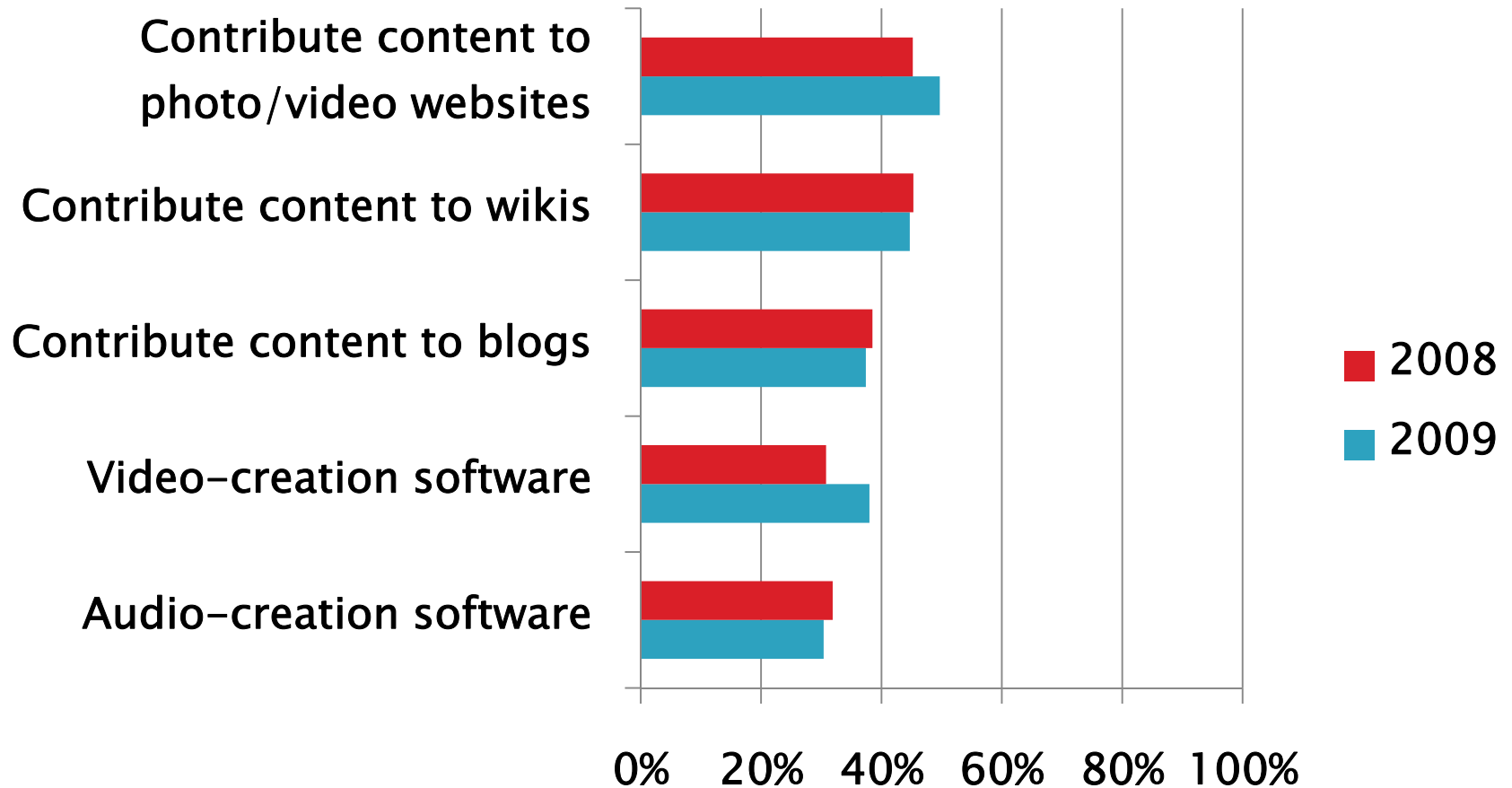

2008

2009

Computer & Internet Activities: Percent students who engage in at least once per year

Bar chart showing percent of students engaging in activities, comparing 2008 and 2009.

- Use library website
- Presentation software
- Spreadsheets
- Social networking
- Text messaging

Legend: 2008, 2009
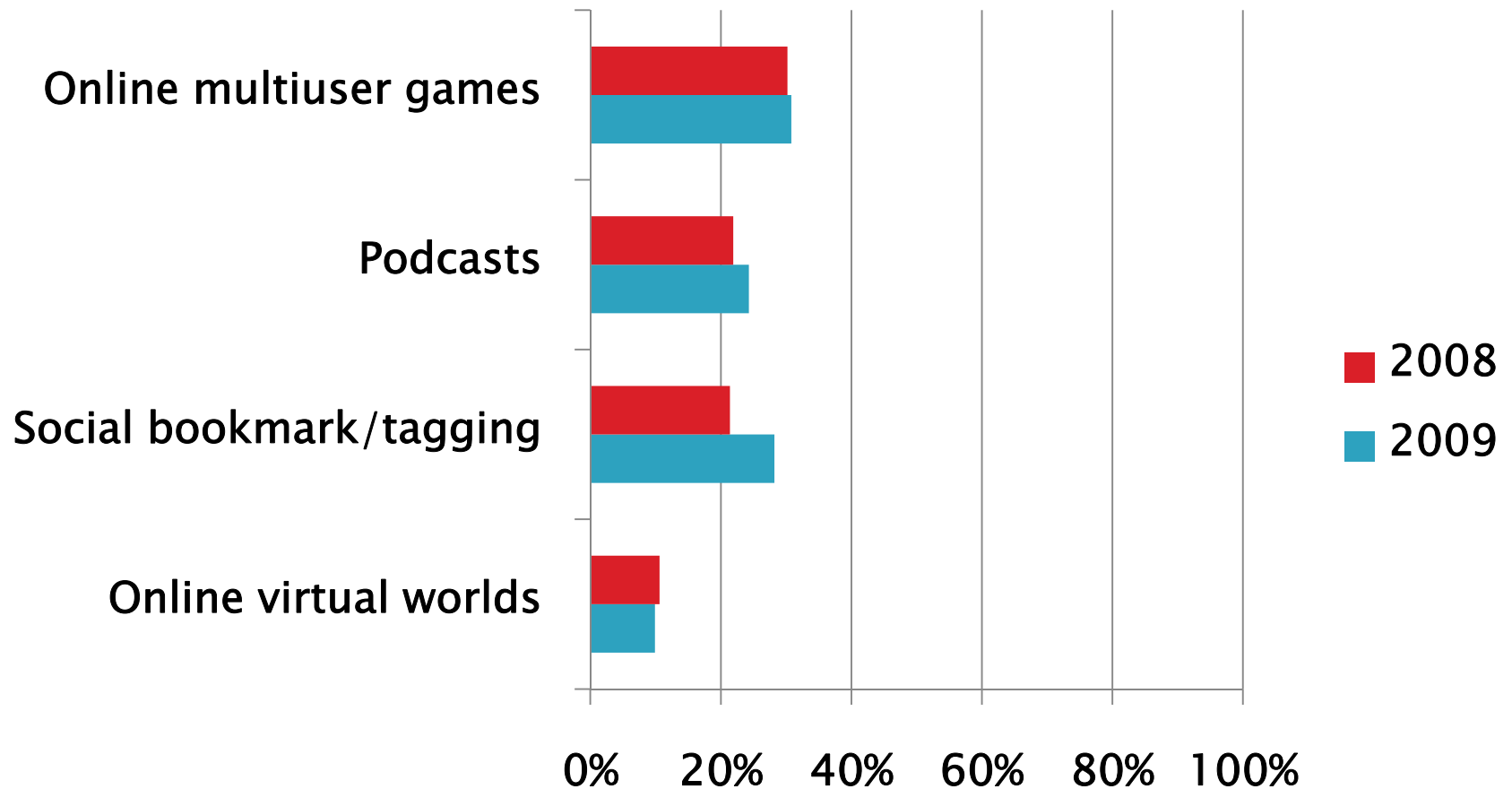
X-axis: 0%, 20%, 40%, 60%, 80%, 100%

Computer & Internet Activities: Percent students who engage in at least once per year

Computer & Internet Activities: Percent students who engage in at least once per year
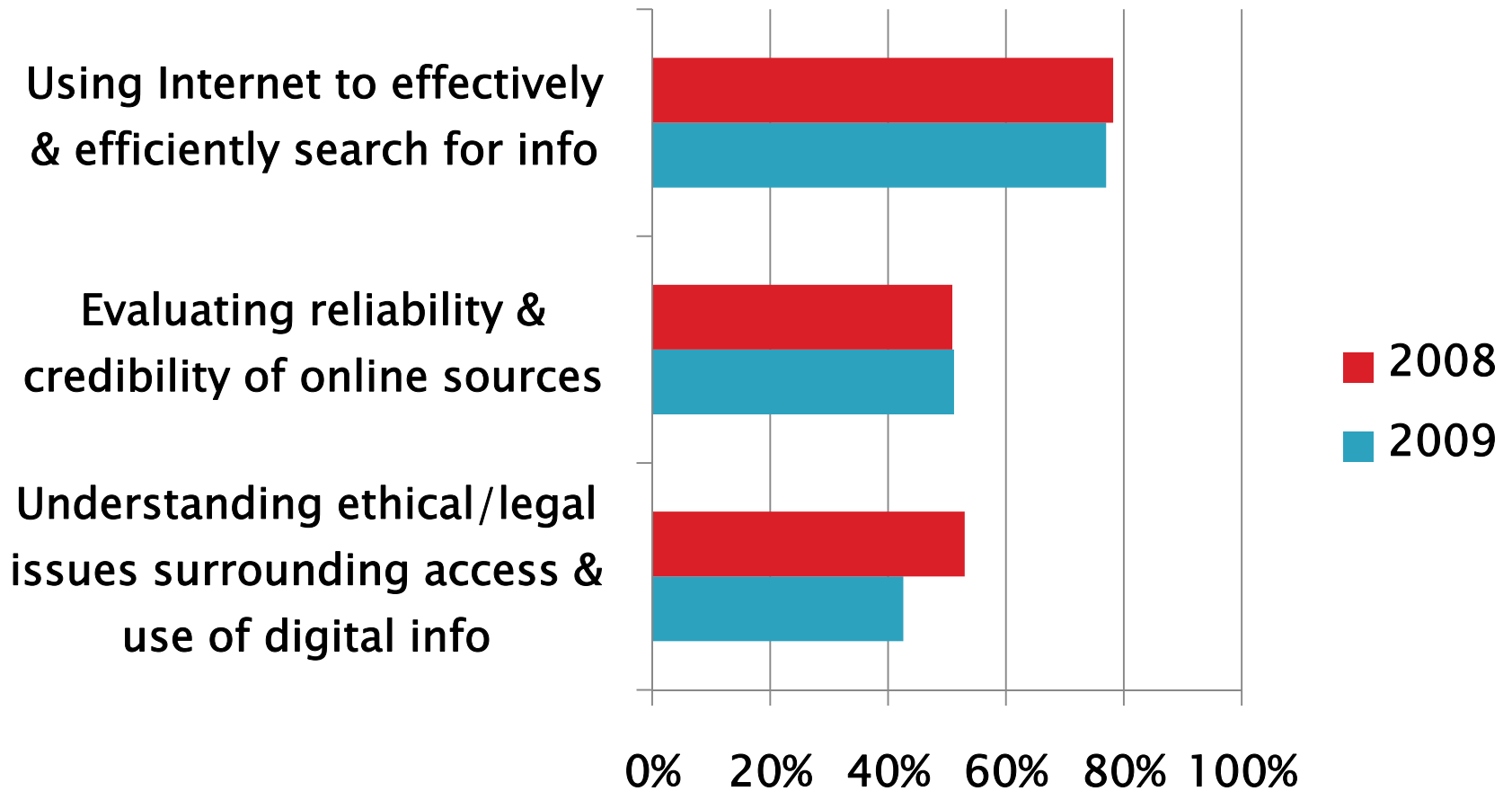

Contribute content to photo/video websites

Contribute content to wikis

Contribute content to blogs

Video-creation software

Audio-creation software

■ 2008
■ 2009

0%   20%   40%   60%   80%   100%

Computer & Internet Activities: Percent students who engage in at least once per year
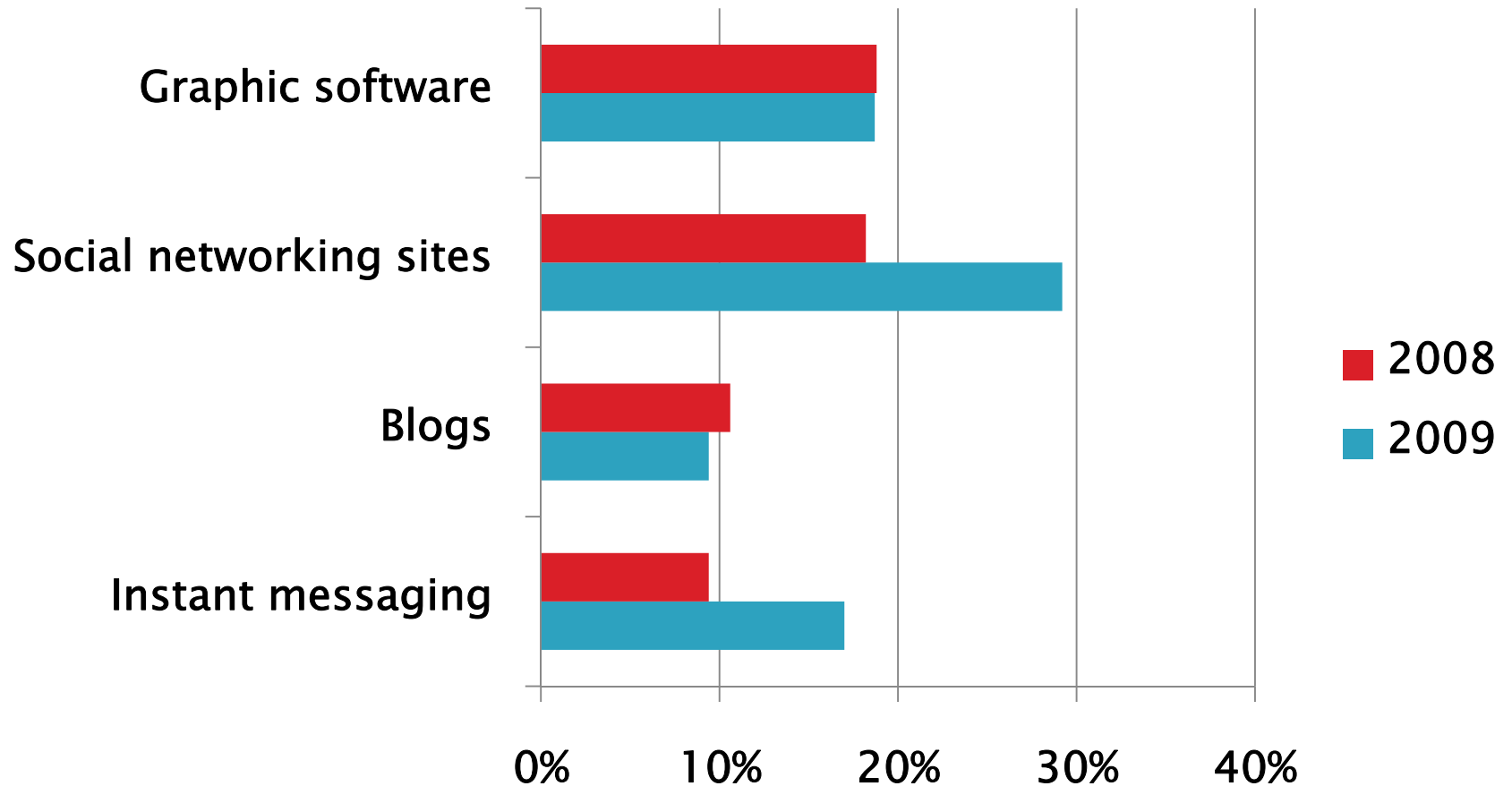
Time spent doing Internet activities
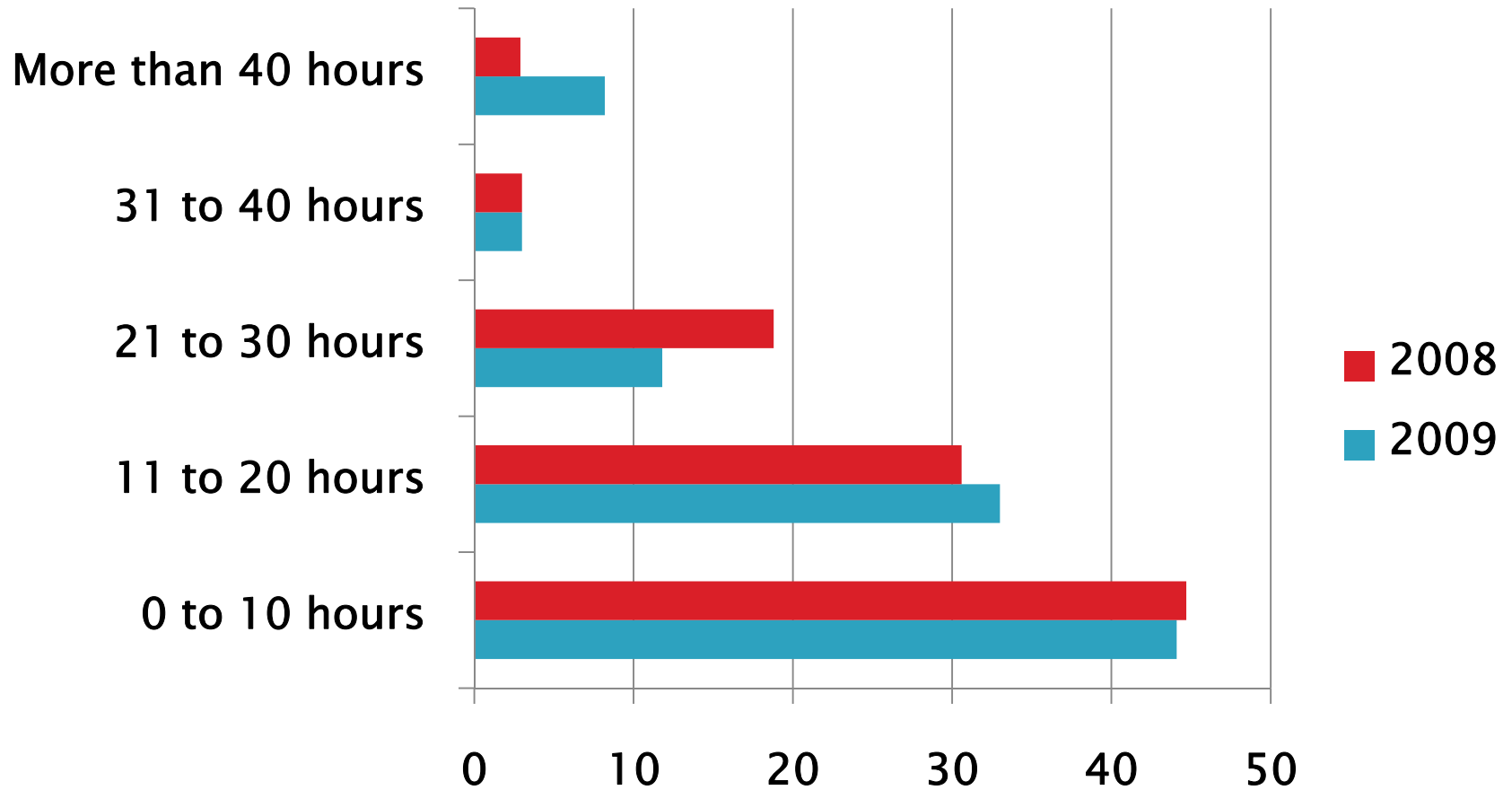
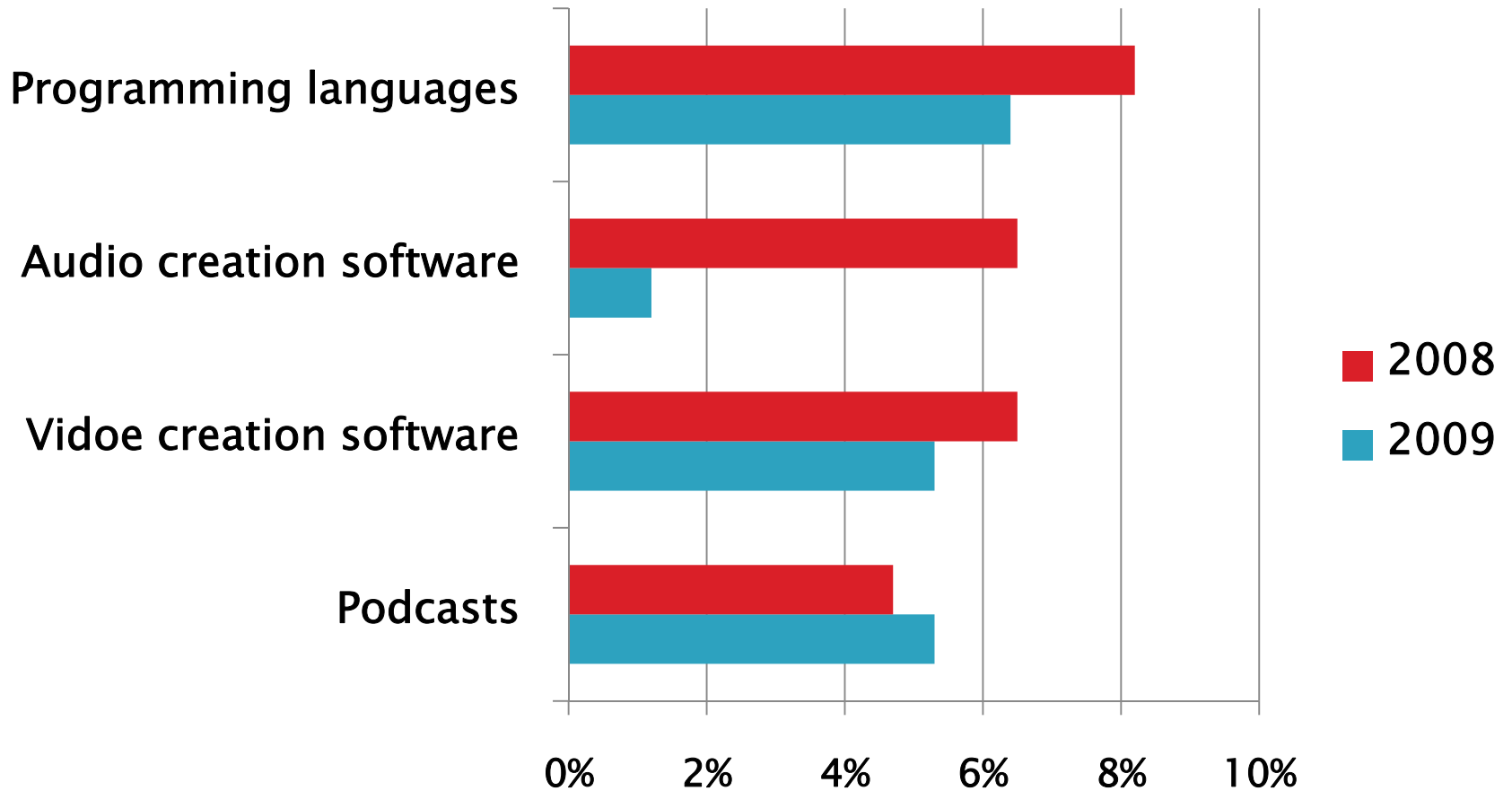# Percent who view themselves as "very skilled" or "expert"

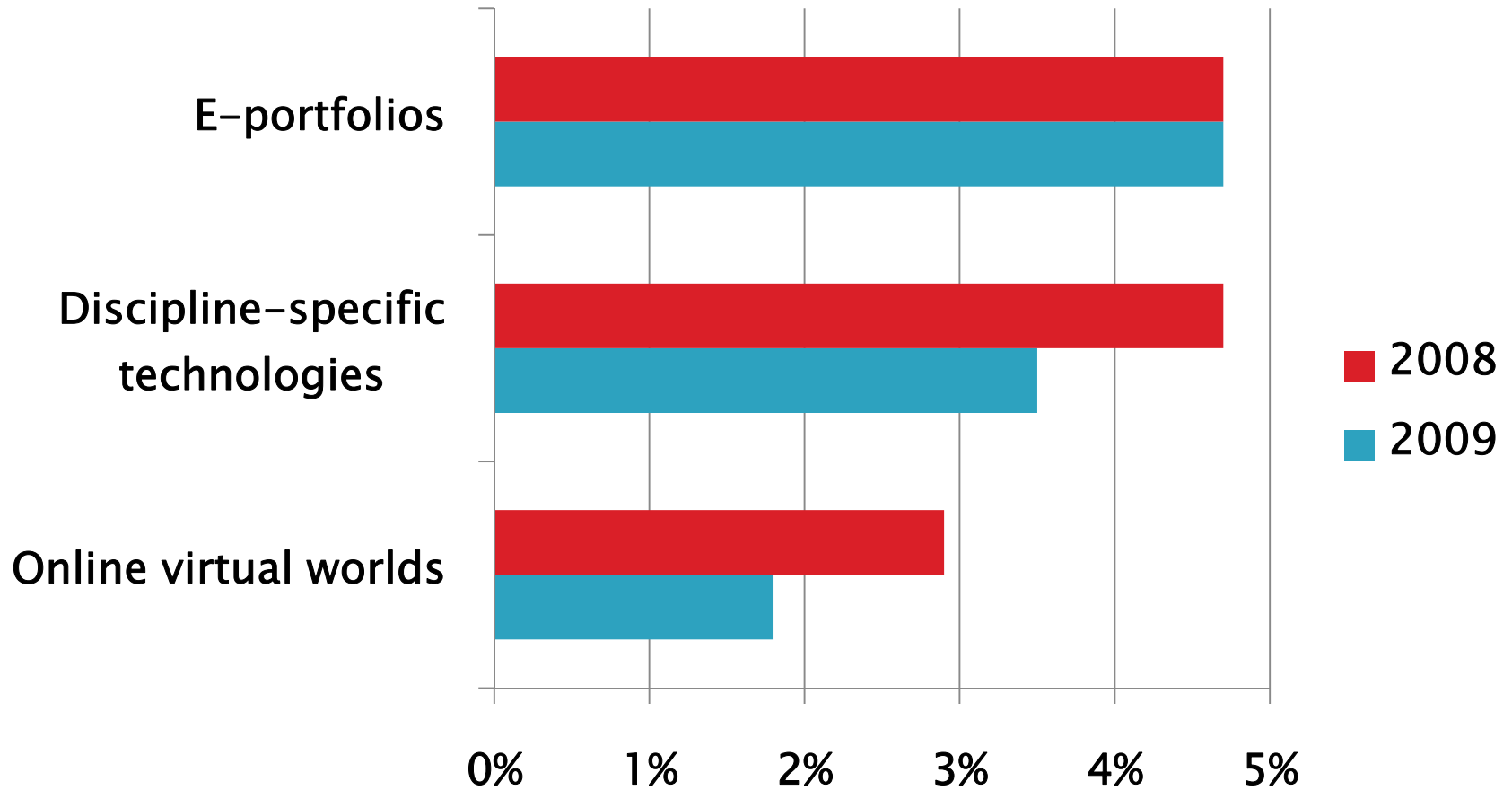# Using in courses (semester of survey)
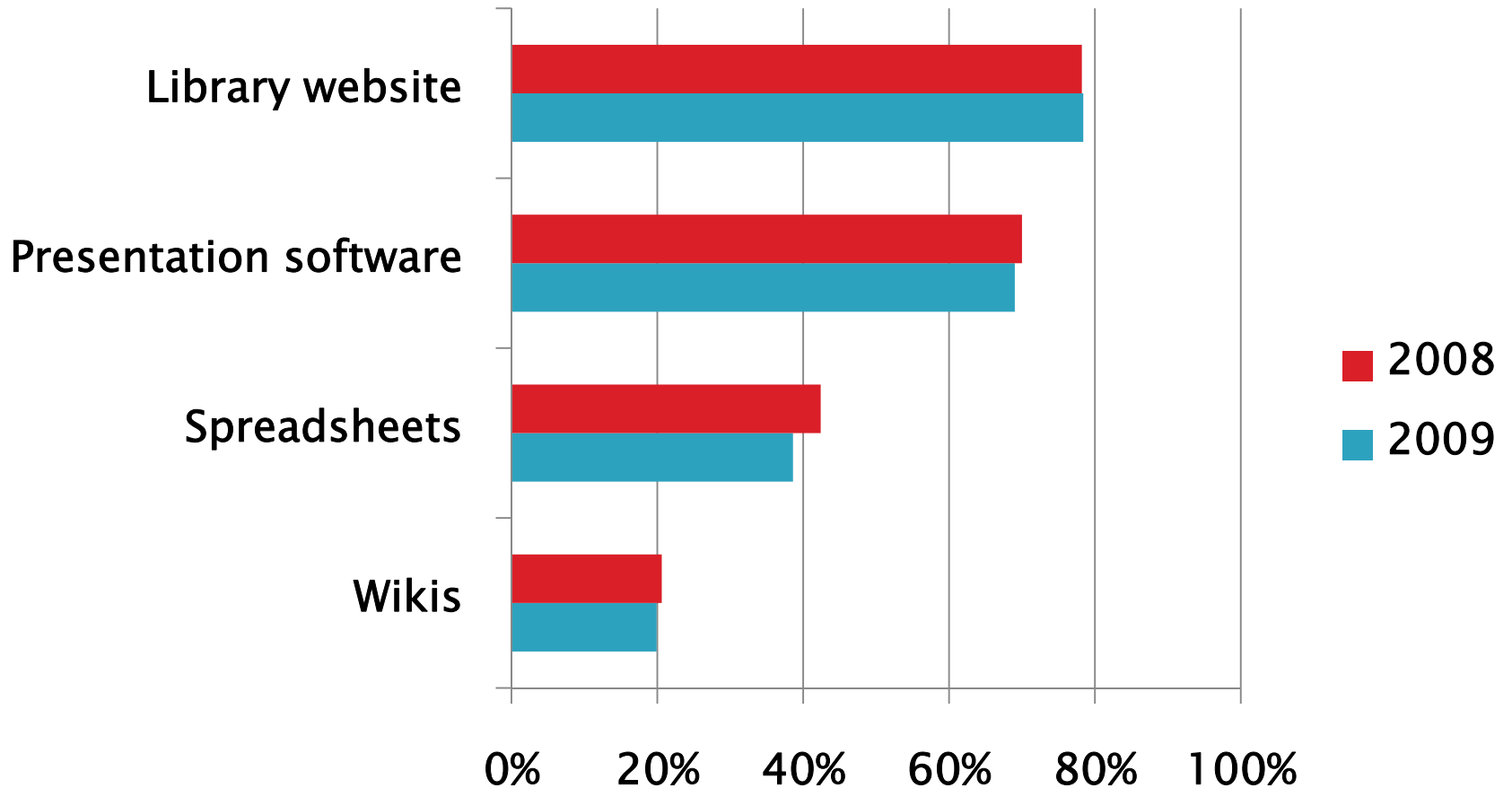
Using in courses (semester of survey)
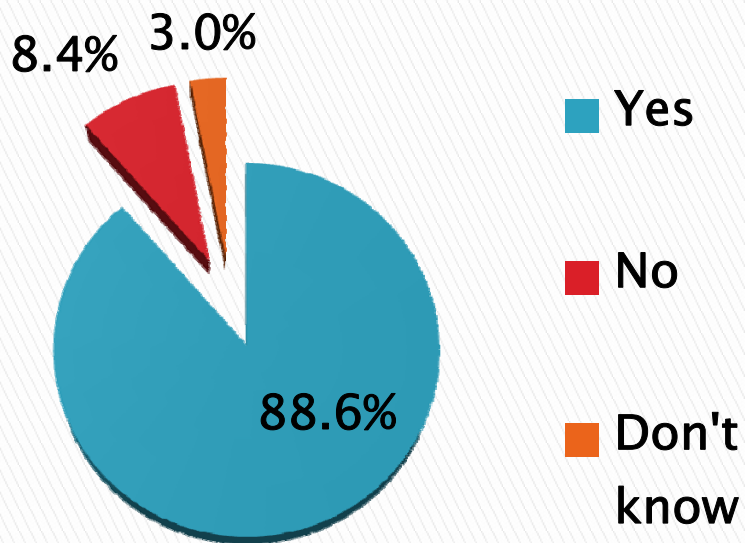
Using in courses (semester of survey)
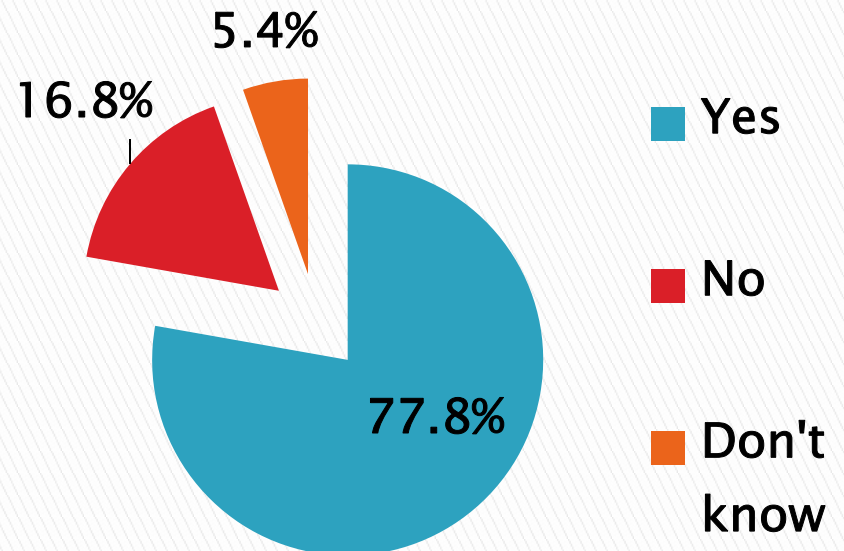
Using in courses (semester of survey)

How students like to learn with technology

Internet searches

8.4%   3.0%

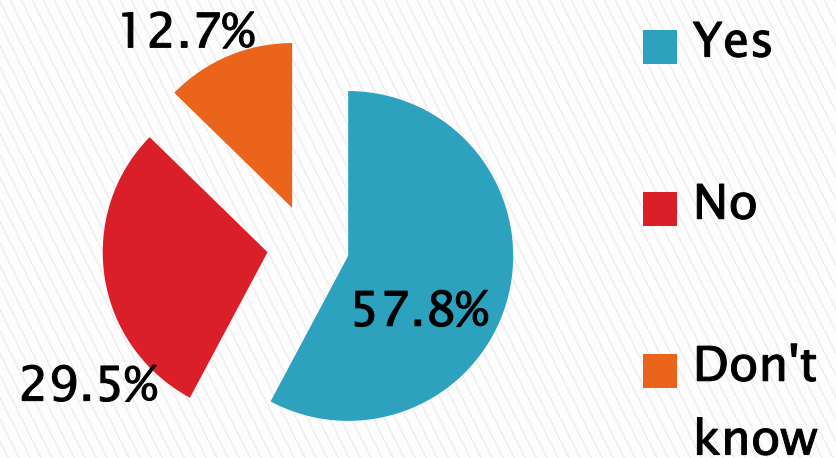88.6%

■ Yes

■ No

■ Don't know

2008

Internet searches

16.8%   5.4%

77.8%

■ Yes

■ No

■ Don't know

2009

How students like to learn with technology

Programs I can control, such as video games, simulations, etc.

21.6%

52.7%

25.7%

- Yes
- No
- Don't know

2008

Programs I can control, such as video games, simulations, etc.

12.7%

57.8%

29.5%

- Yes
- No
- Don't know
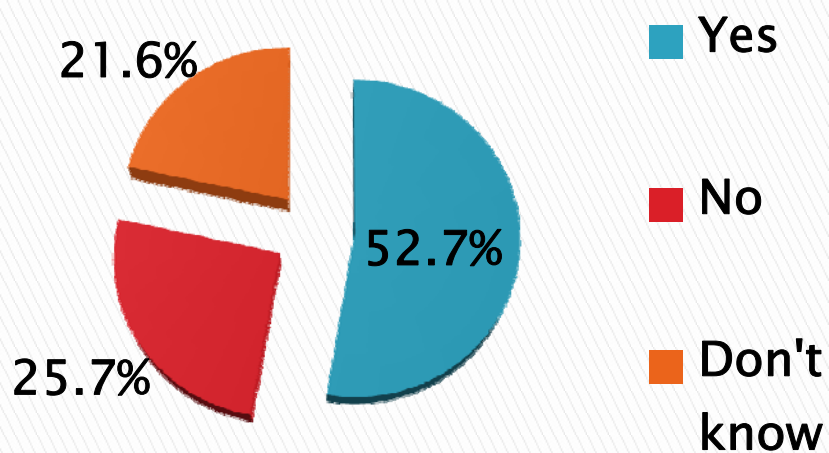
2009

How students like to learn with technology

Text-based conversations over e-mail, IM, and text messaging
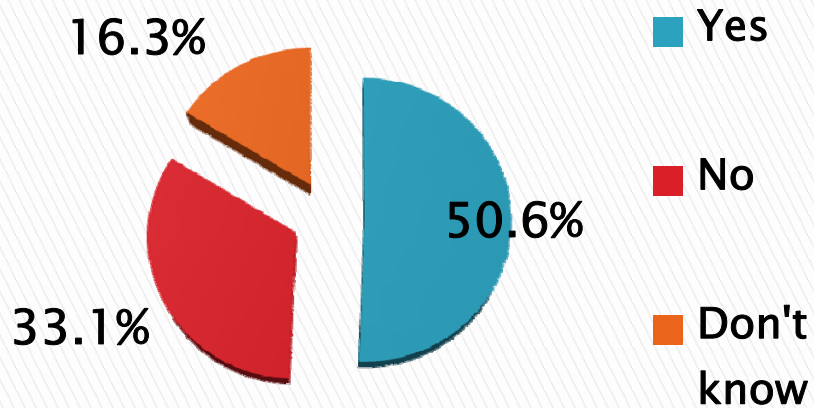
16.3%

50.6%

33.1%

- Yes
- No
- Don't know

2008

Text-based conversations over e-mail, IM, and text messaging

11.3%

57.8%

29.5%

- Yes
- No
- Don't know
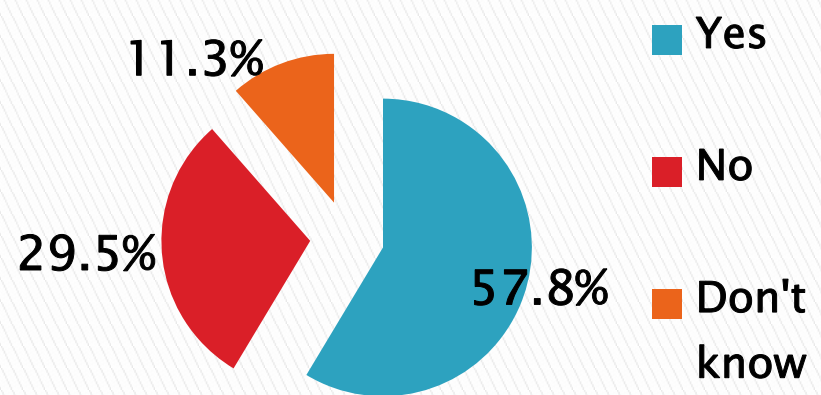
2009

How students like to learn with technology

Contributing to websites, blogs, wikis, etc.
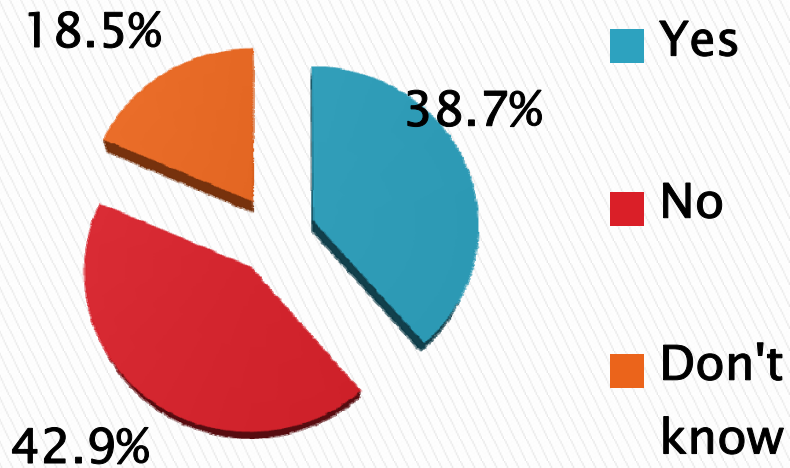
18.5%
38.7%
42.9%

- Yes
- No
- Don't know

2008

Contributing to websites, blogs, wikis, etc.

18.0%
40.7%
41.3%

- Yes
- No
- Don't know
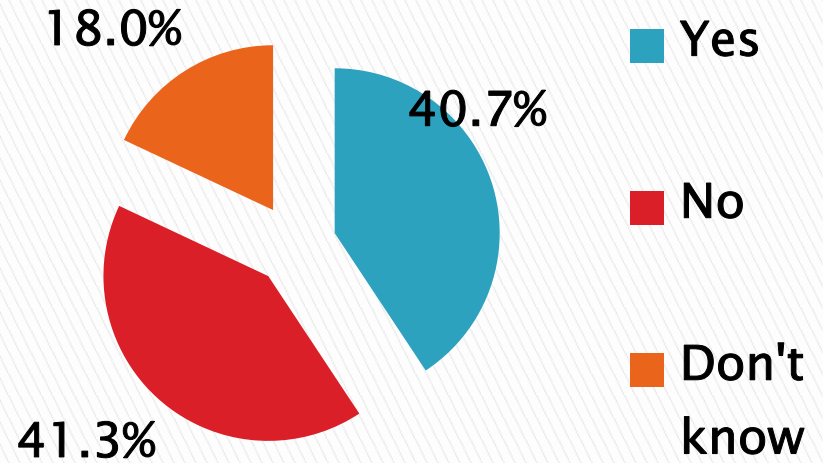
2009

How students like to learn with technology

Creating or listening to podcasts or webcasts — 2008:
Yes 30.5%, No 37.7%, Don't know 31.7%

Creating or listening to podcasts or webcasts — 2009:
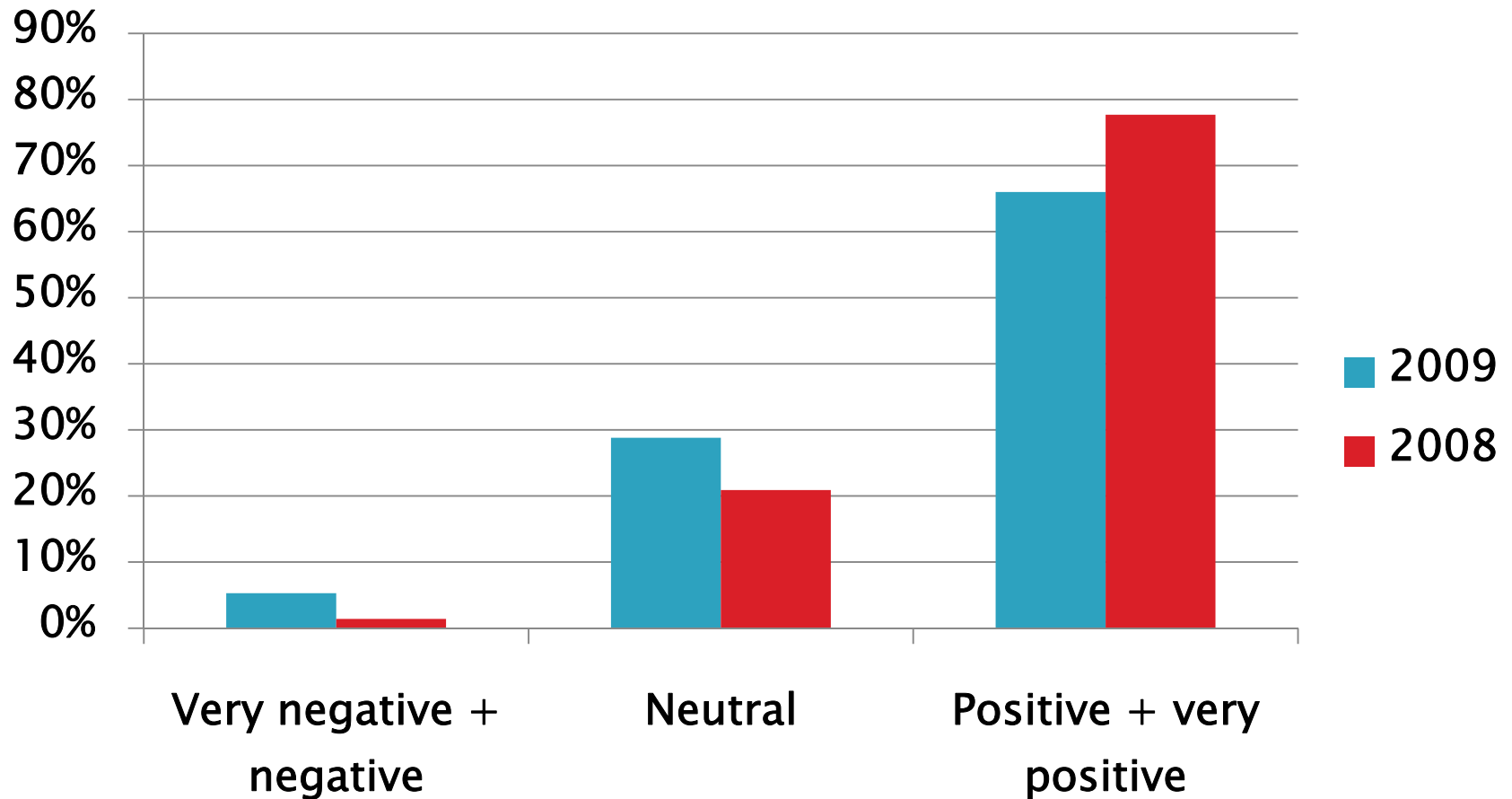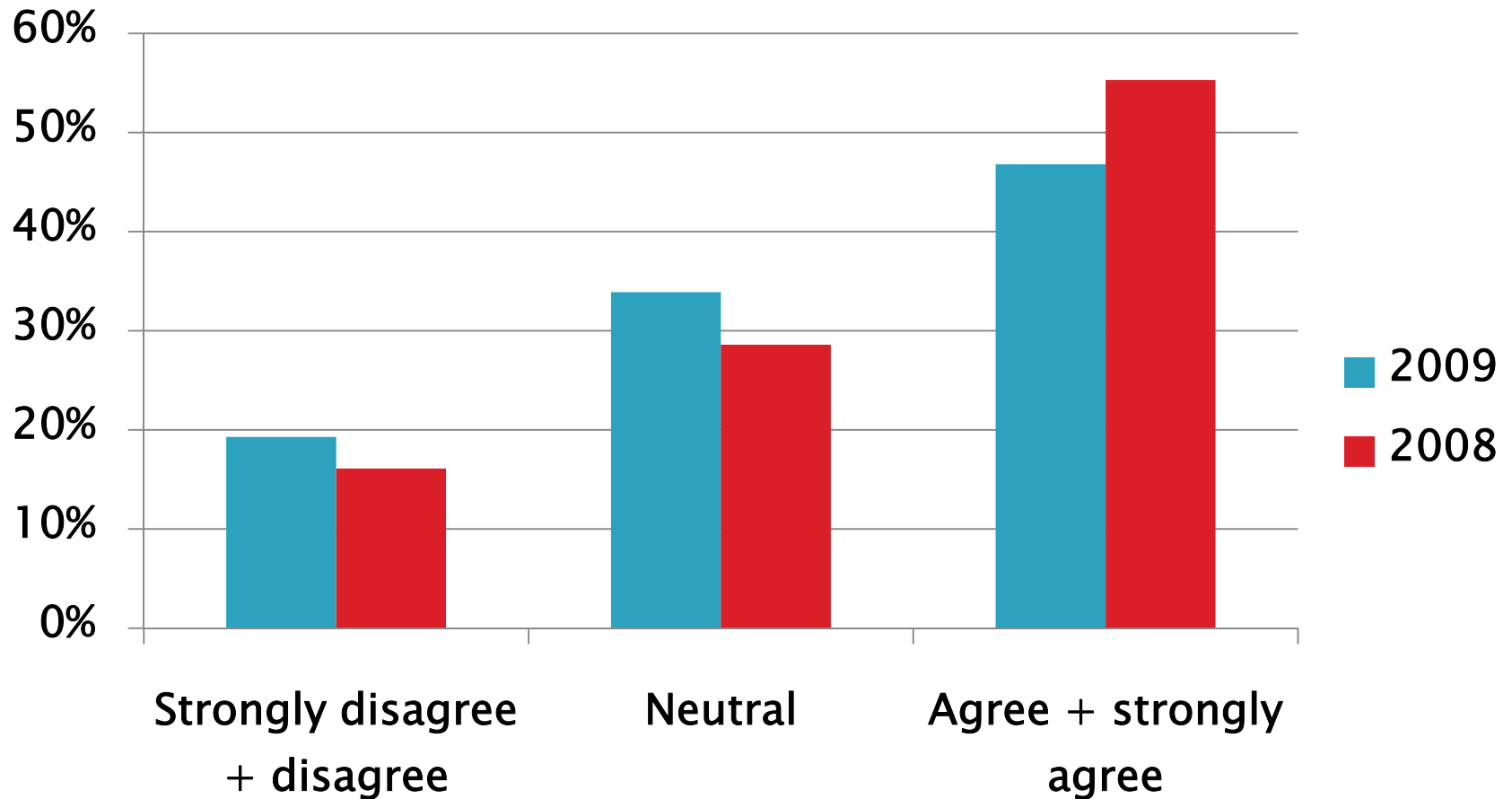Yes 30.1%, No 36.7%, Don't know 33.1%
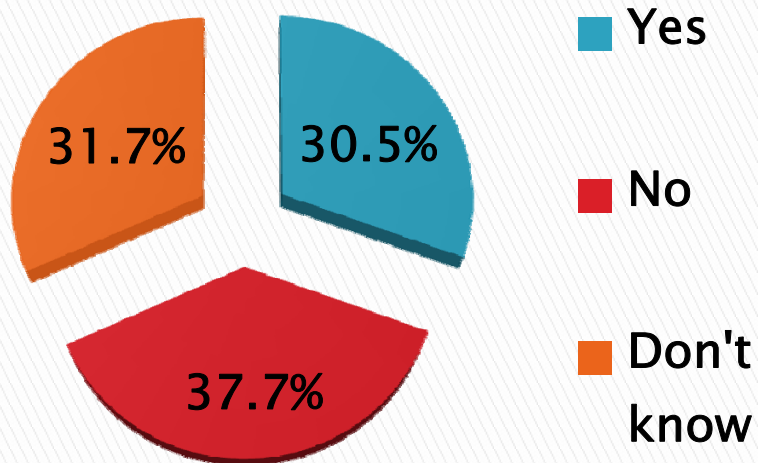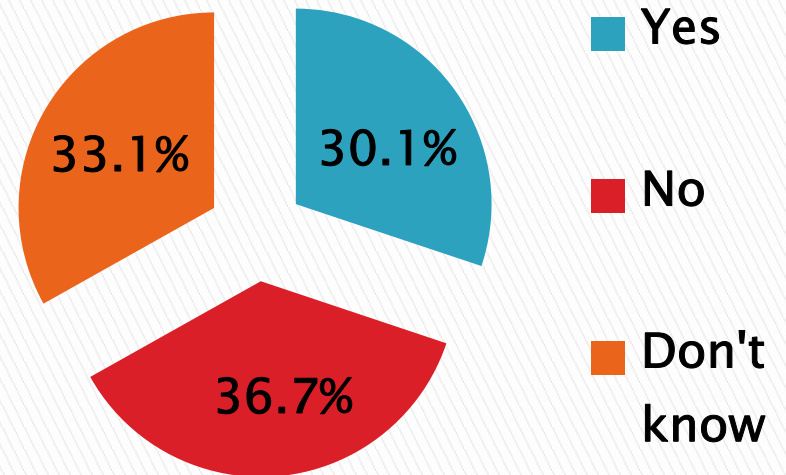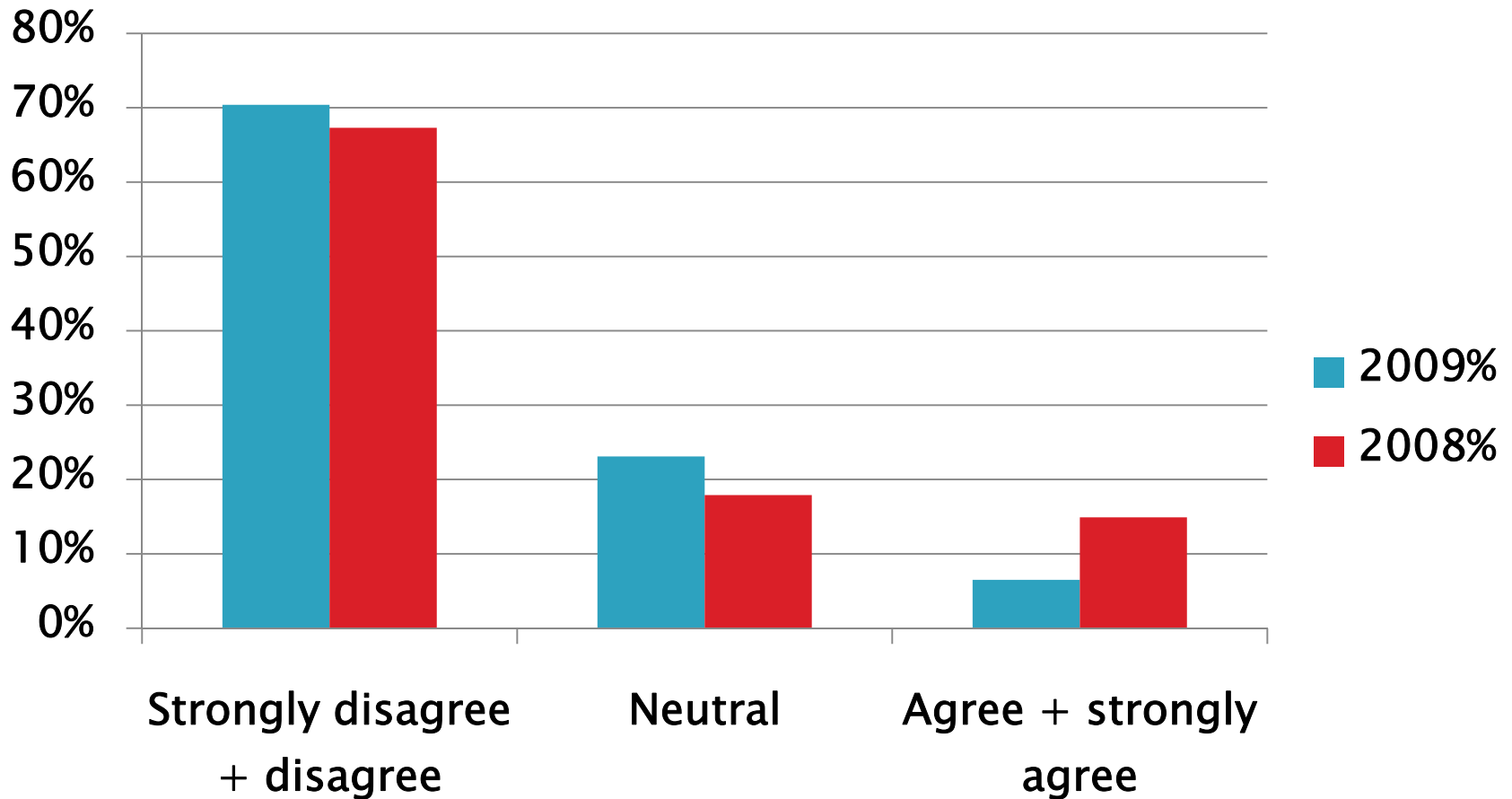
Students who have used a CMS
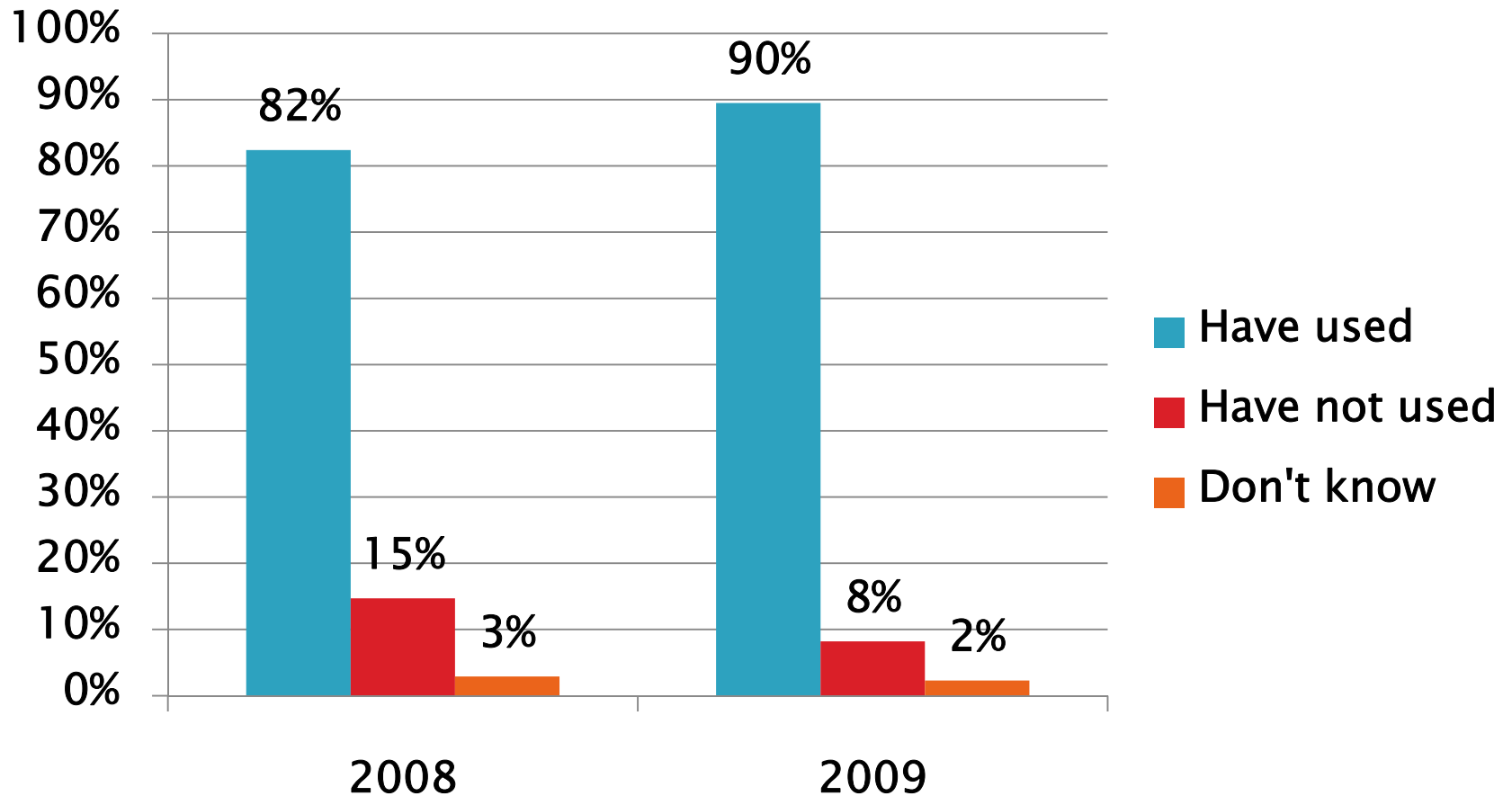
Experiences using a CMS

Responses to: "My institution's IT services are always available when I need them for my course work."
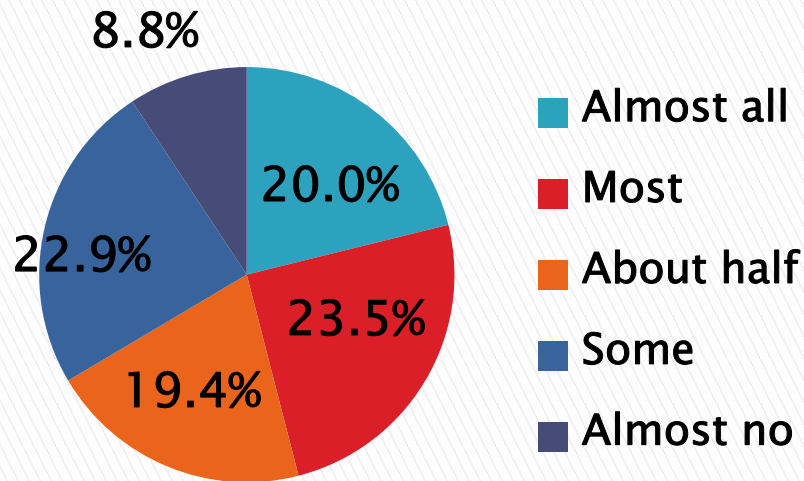
Responses to: "I skip classes when materials from course lectures are available online."
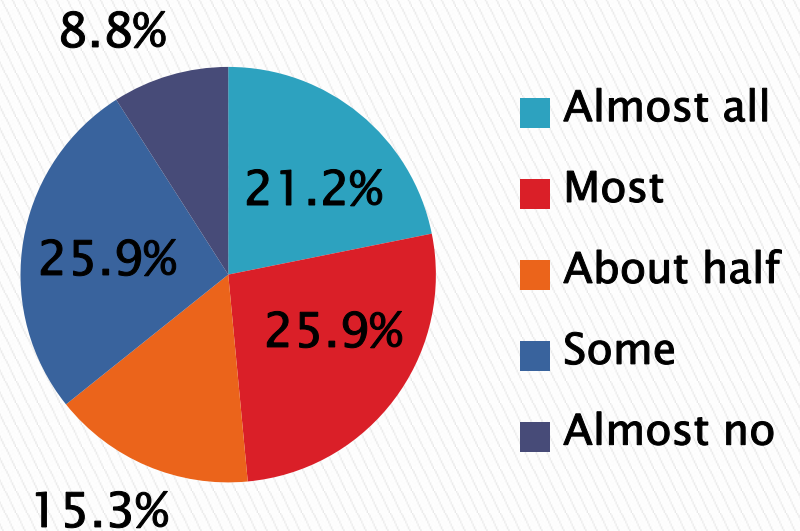
Instructor use of IT in courses
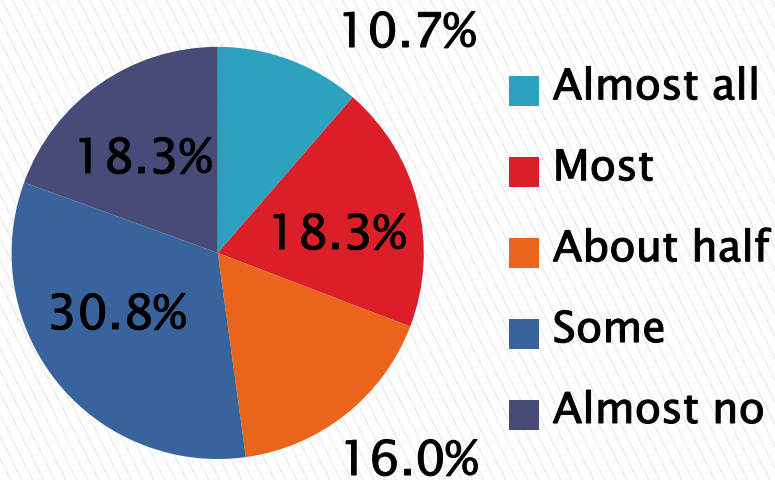
Instructors use IT effectively

8.8%

20.0% — Almost all
23.5% — Most
19.4% — About half
22.9% — Some
8.8% — Almost no

2008

Instructors use IT effectively

8.8%

21.2% — Almost all
25.9% — Most
15.3% — About half
25.9% — Some
8.8% — Almost no

2009

Instructor use of IT in courses

Provide adequate training for IT used in courses

2008

- Almost all — 10.7%
- Most — 18.3%
- About half — 16.0%
- Some — 30.8%
- Almost no — 18.3%

Provide adequate training for IT used in courses

2009

- Almost all — 11.8%
- Most — 22.3%
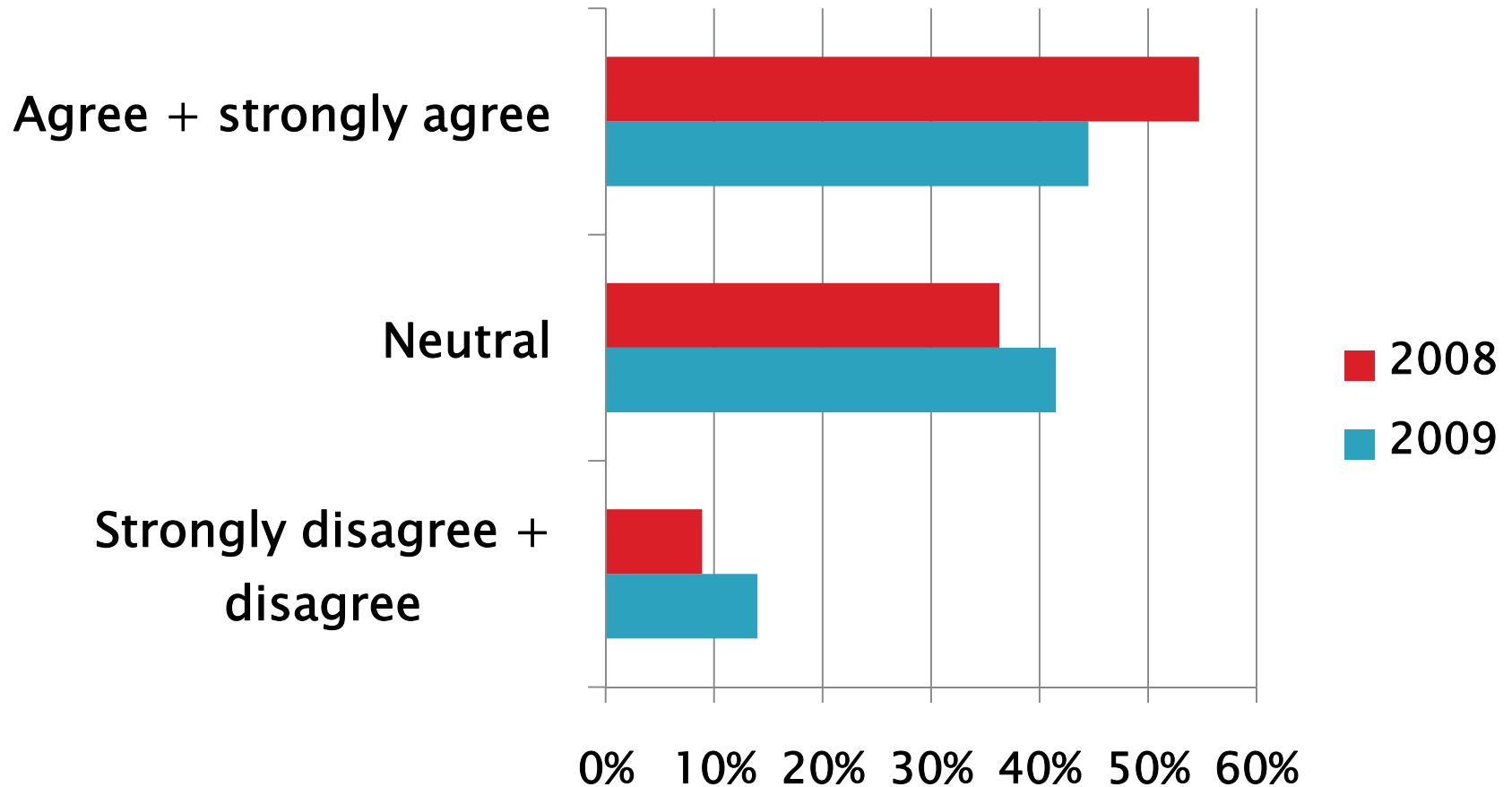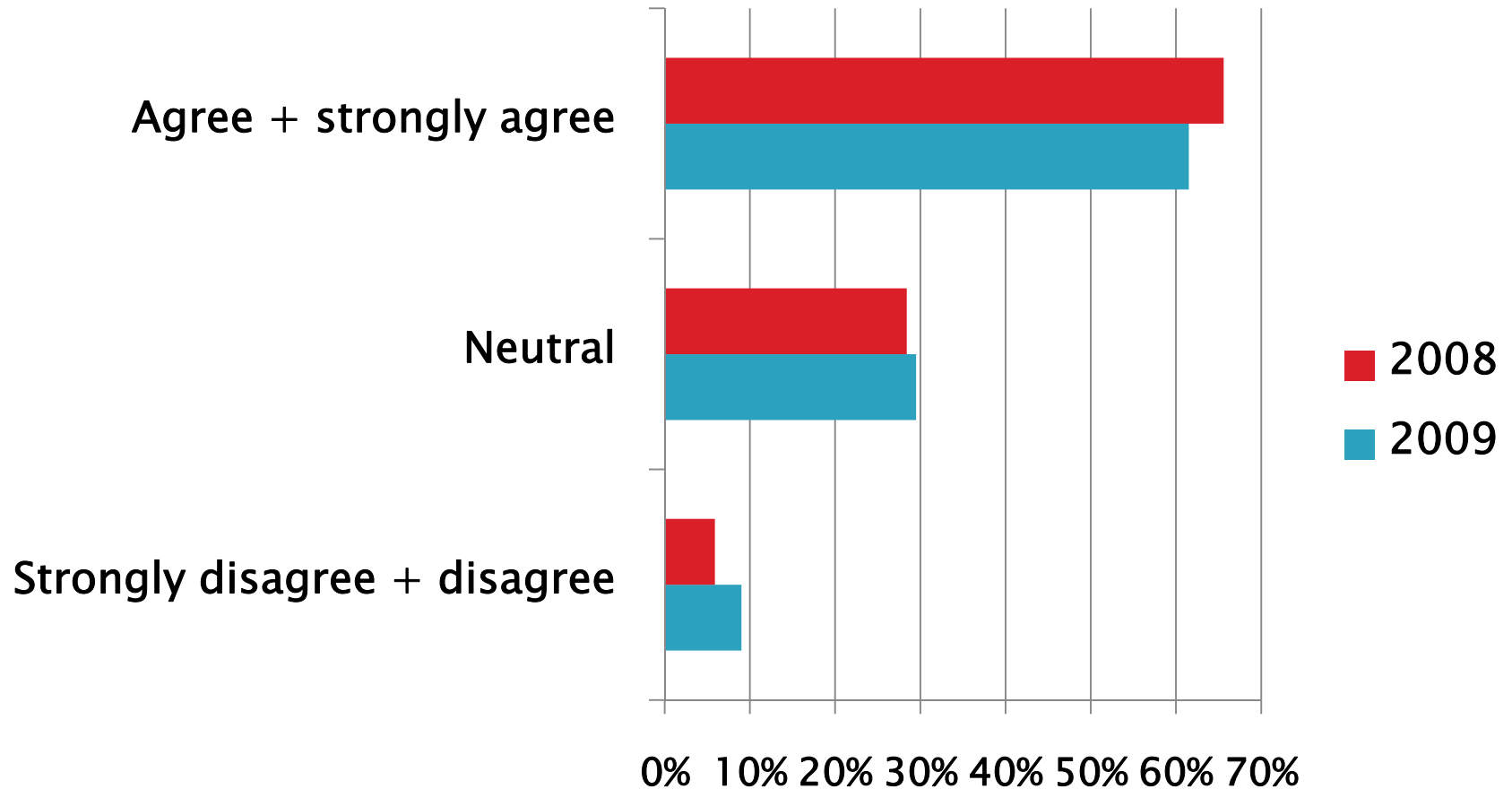- About half — 14.3%
- Some — 29.6%
- Almost no — 11.2%
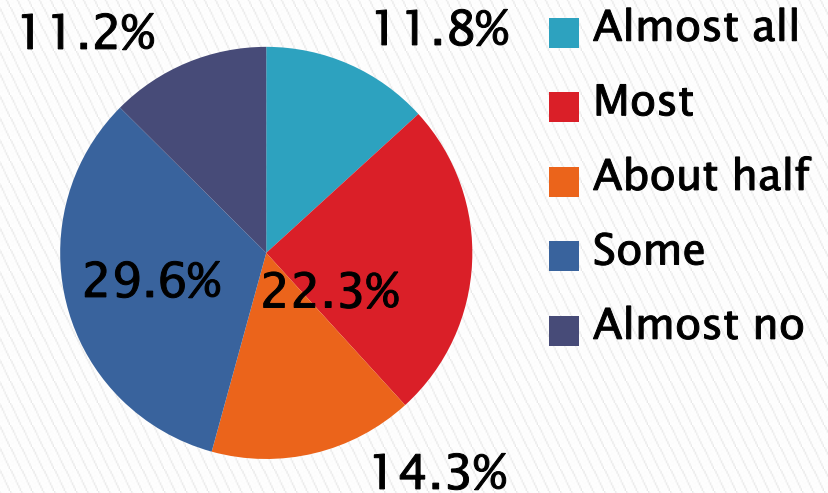
Student success: "I get more actively involved in courses that use IT."
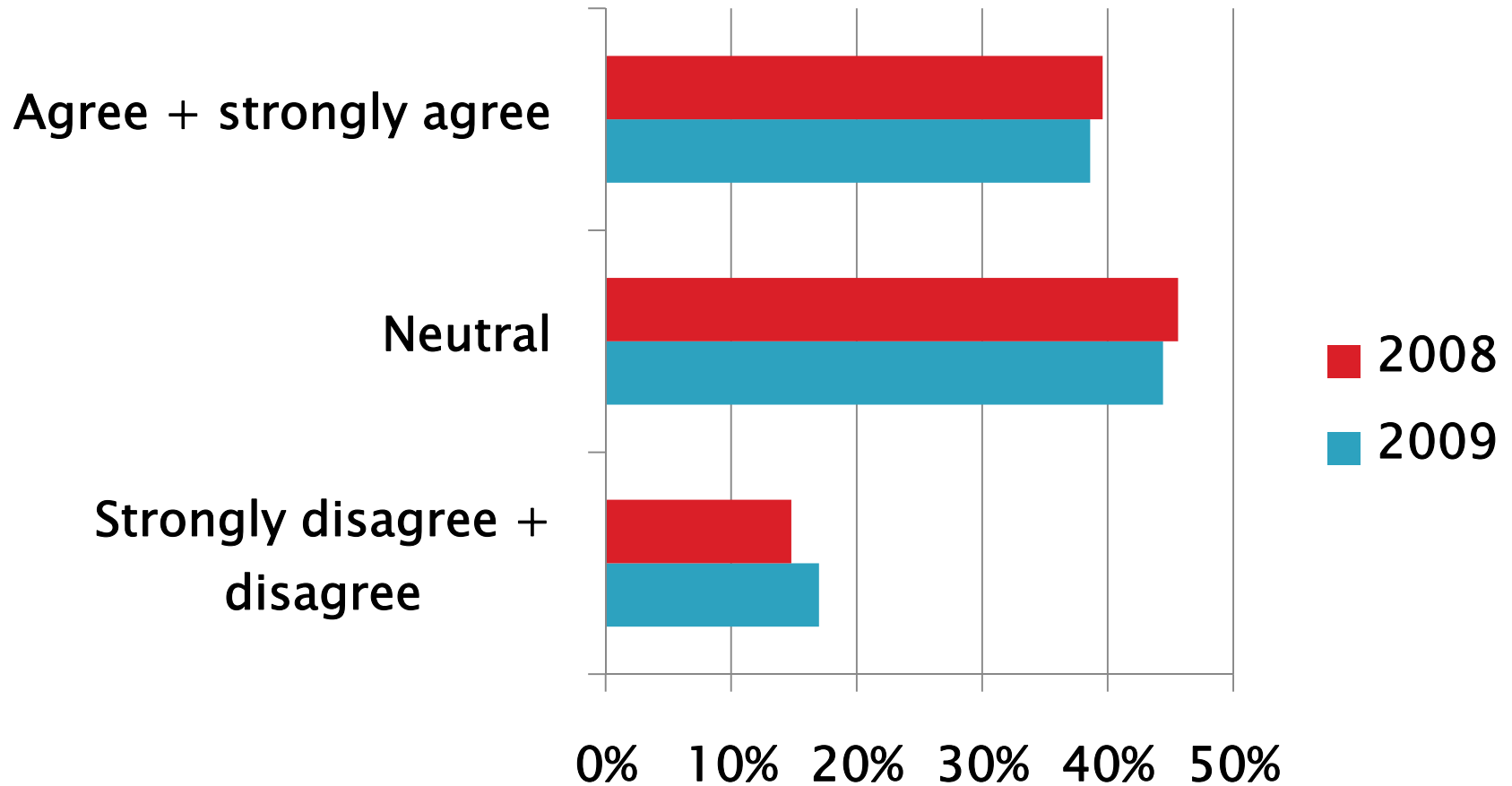
Student success: "The use of IT in my courses improves my learning."

Student success: "IT makes doing my course activities more convenient."

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