



# ***UVic Student Technology Ownership: Implications & Opportunities***

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# Original Research Purpose:

1. Identify the technologies students are using in their personal and academic lives.

2. Facilitate the educational use of personal technology by students.

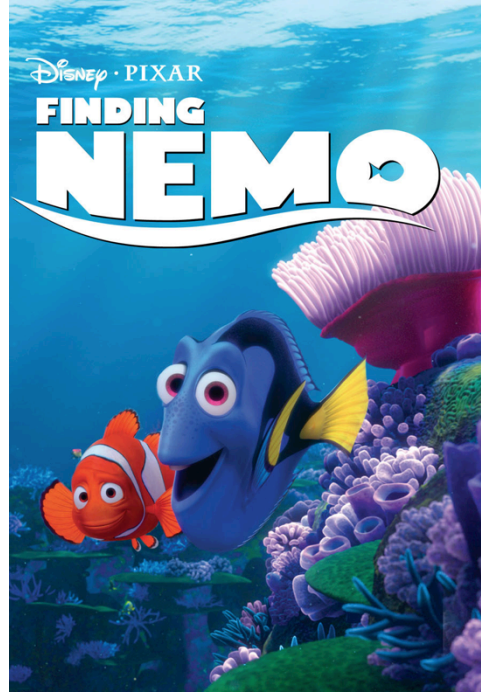
3. Look for ways to provide equitable access to technology for Students.



# Background Information

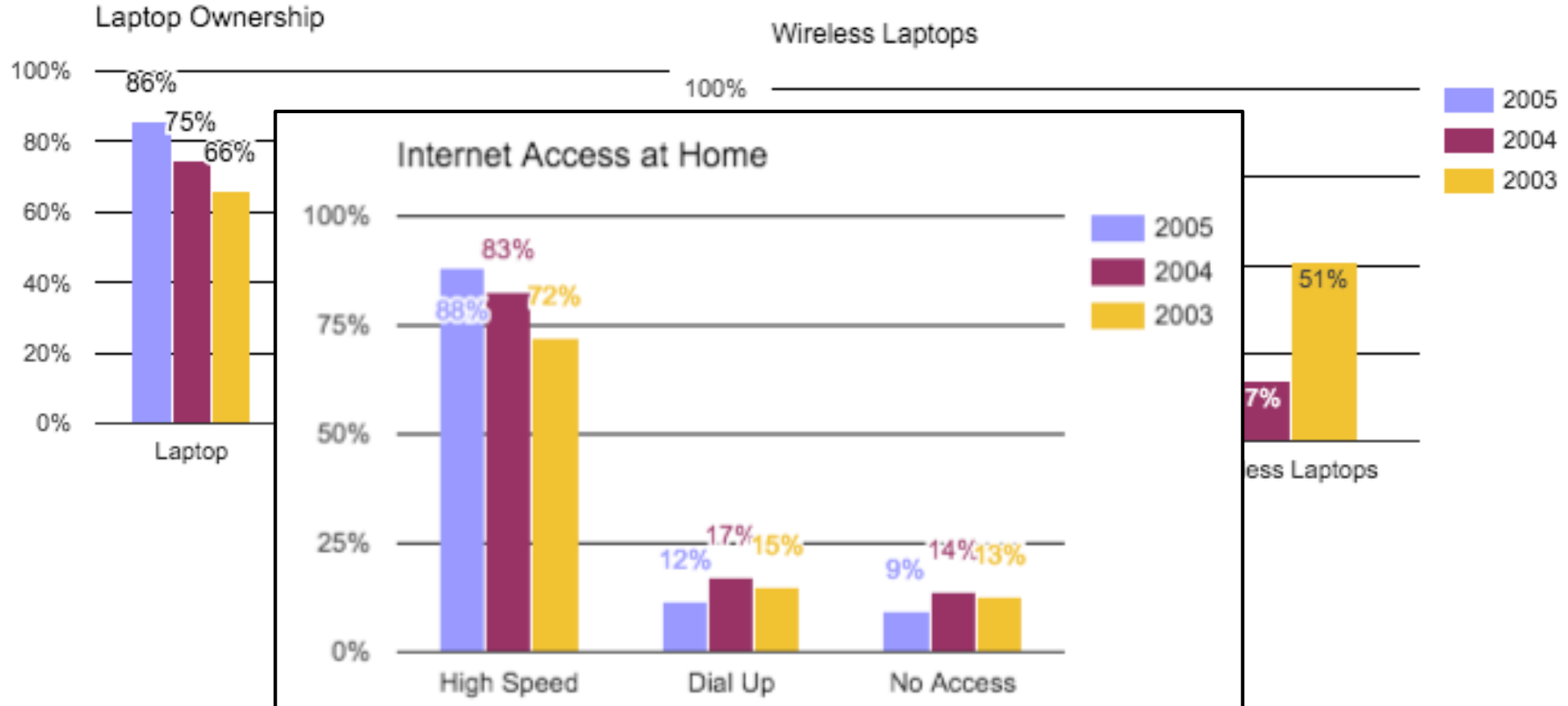
- **Research Team:** Library and University Systems.
- **Survey Participants:** 3701 students out of a possible ~20,000.
- **Survey Method:**
  - Online Survey - 24 questions
  - Email invitations sent by the Office of the Registrar, October 2015
  - 18% Response Rate
  - Human Research Ethics approved
  - Confidence:  $\pm 1.9\%$  99 times out of 100
- Builds on 12 years of similar surveys of UVic Law students and a similar cross campus survey in 2013.

# WayBack Machine: 2003 Law Student Tech





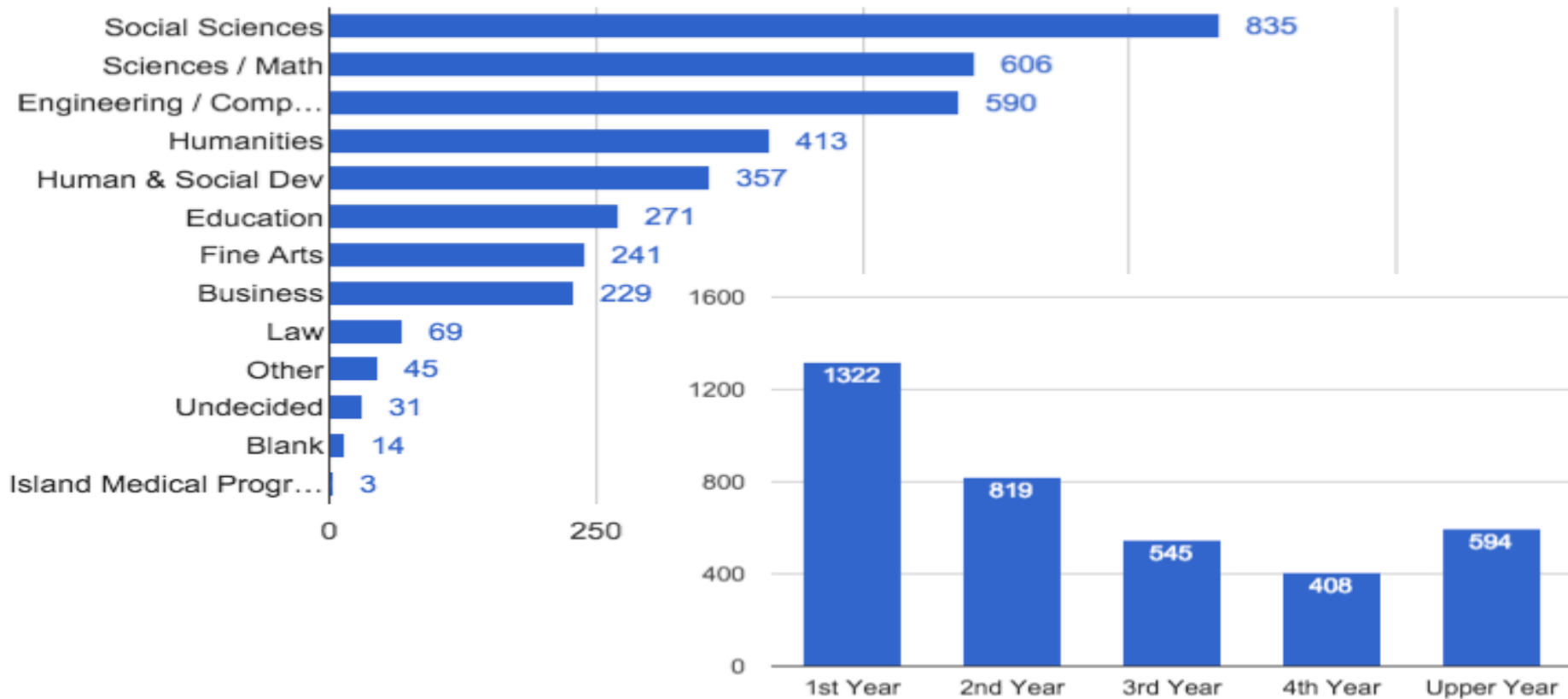
# WayBack Machine: 2003 Law Student Tech



# Fast Forward: 2015 UVic Student Survey



# 2015 Tech Survey Demographics



## MOBILE DEVICES

- Types owned
- Service provider used
- University-related usage

## COMPUTING & INTERNET

- Laptops – types & usage
- Tablet usage
- In-class note-taking tools
- Internet access at home/ residence
- File back-up methods & Printing

## SURVEY QUESTIONS

## E-MAIL & COLLABORATION

- Primary email account
- UVic email usage
- Collaborative document editing tools
- Audio-video collaboration tools

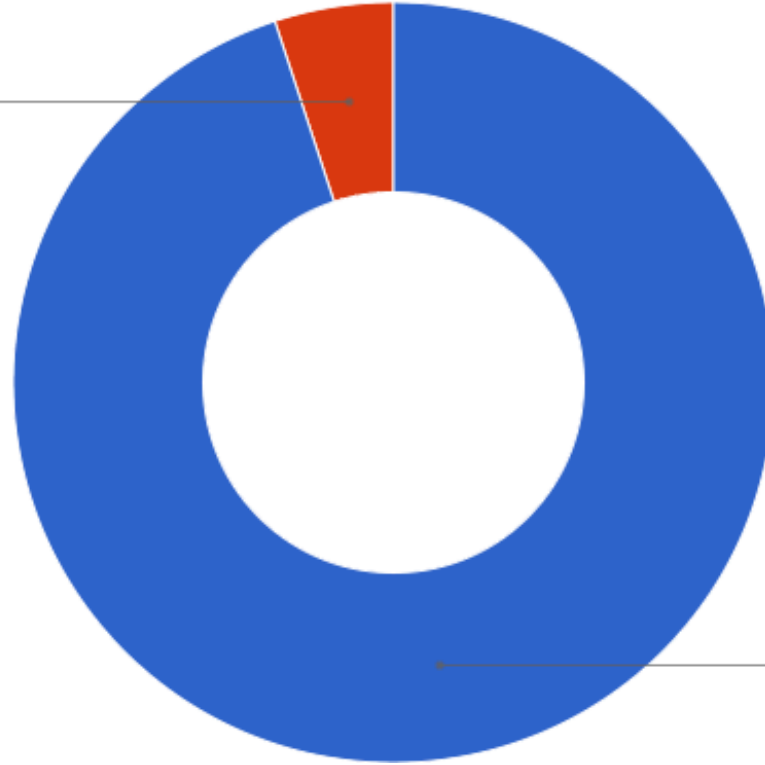
## SOCIAL MEDIA

- Tools
- University-related usage

# SmartPhone / Cell Phone Ownership

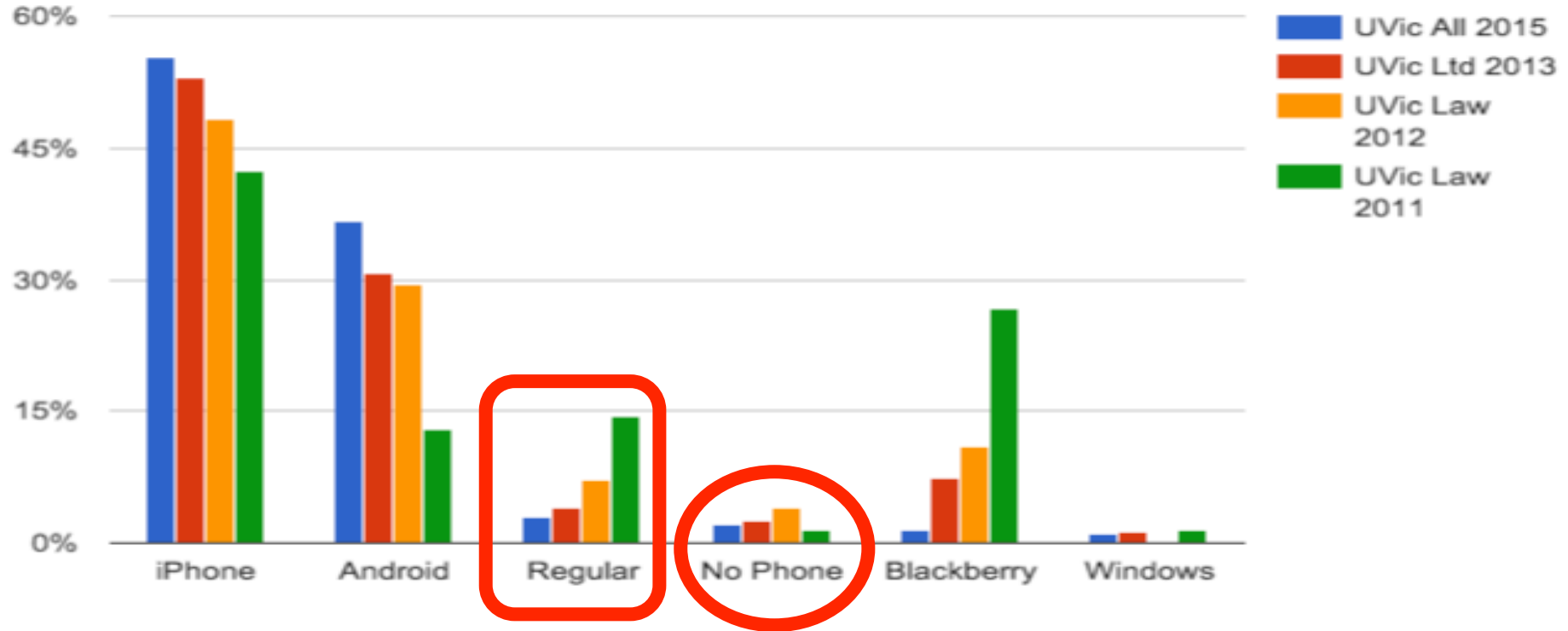


Regular or No  
Mobile Phone  
5.1%

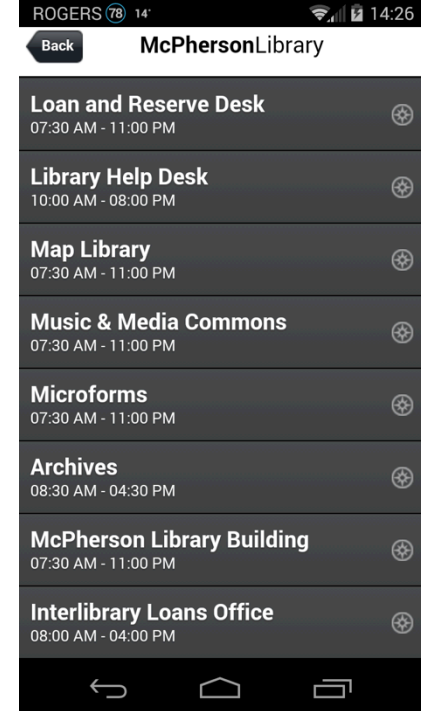
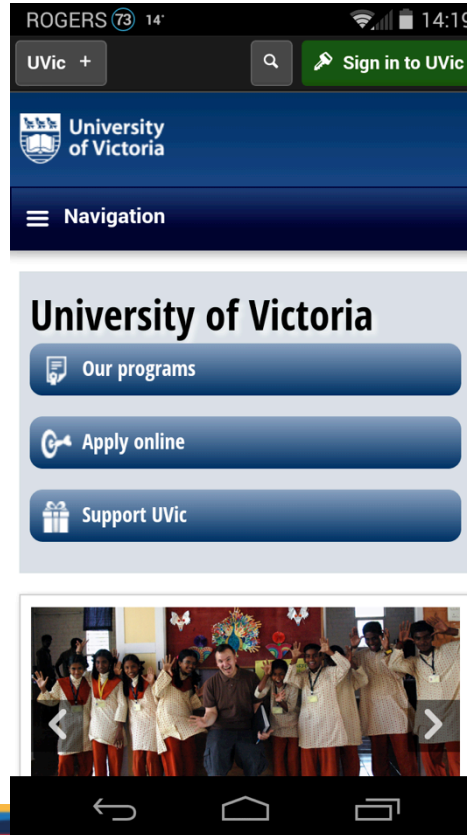
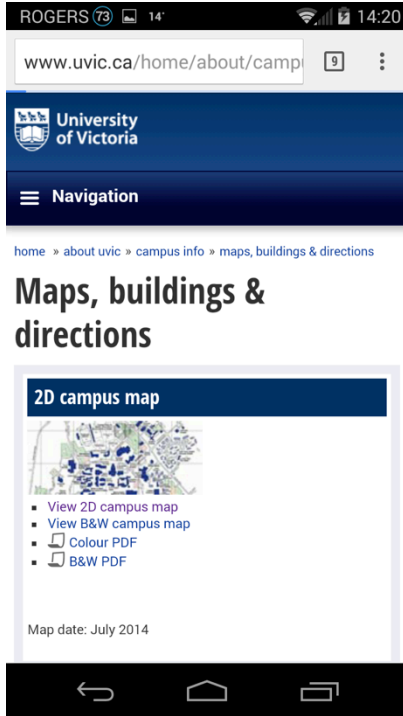


Smart Phone  
94.9%

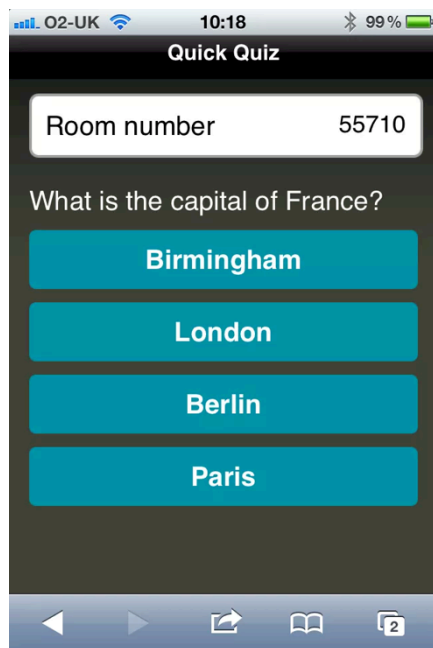
# SmartPhone / Cell Phone Ownership



# School Related SmartPhone Usage?



# SmartPhone Opportunities



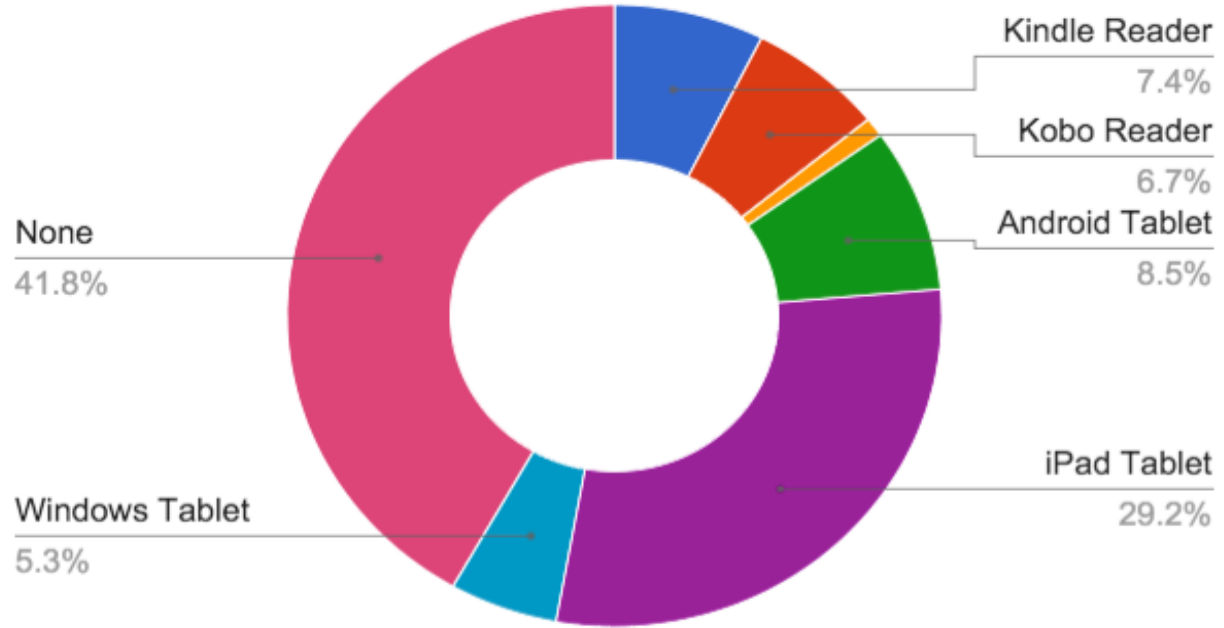


# SmartPhone (& Laptop) Implication

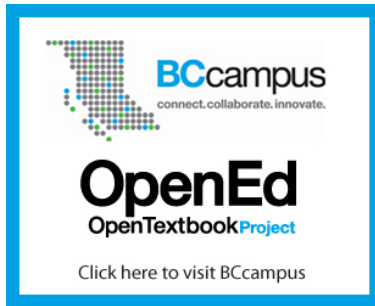
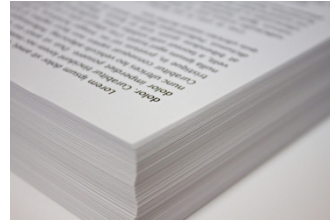
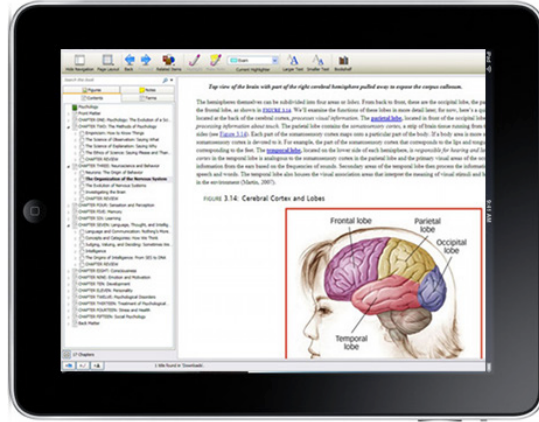
Toronto Star  
2012: “York  
University prof  
enlists student  
snitches to battle  
digital  
distraction”



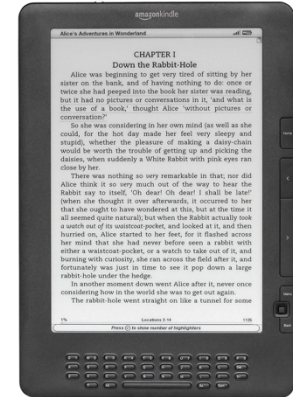
# Tablet & EBook Reader Ownership



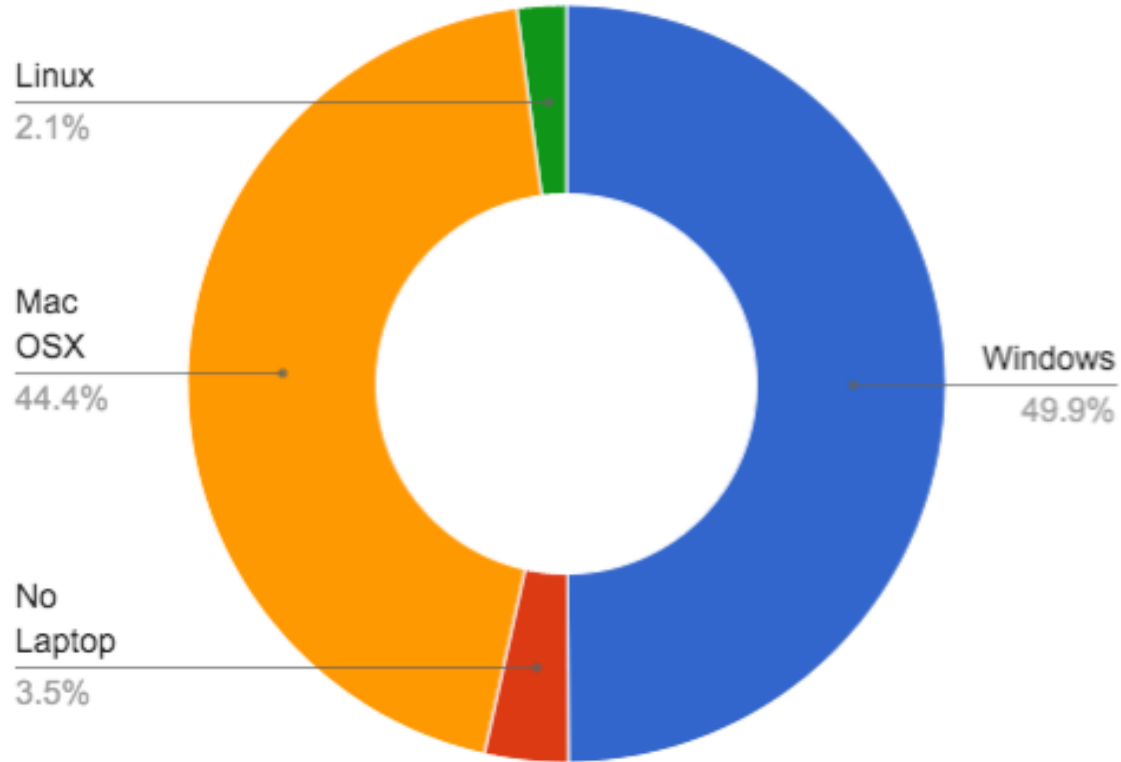
# Tablet Opportunities



openstax™  
COLLEGE

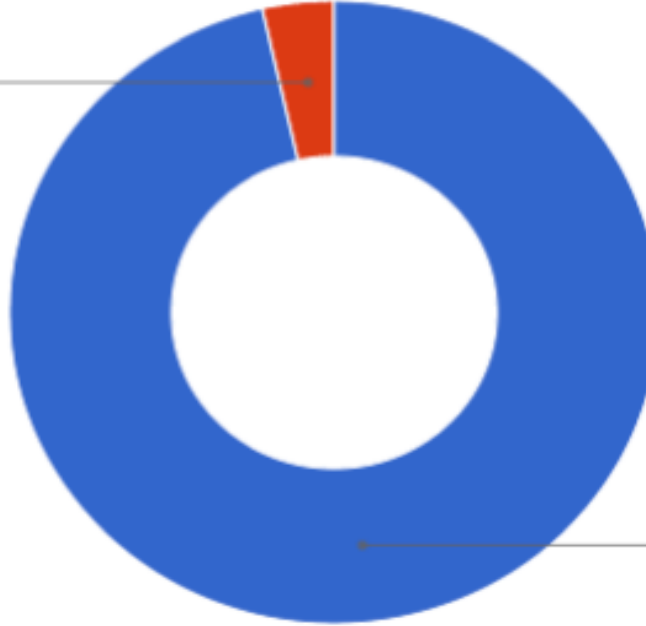


# Laptop Ownership



# Laptop Ownership

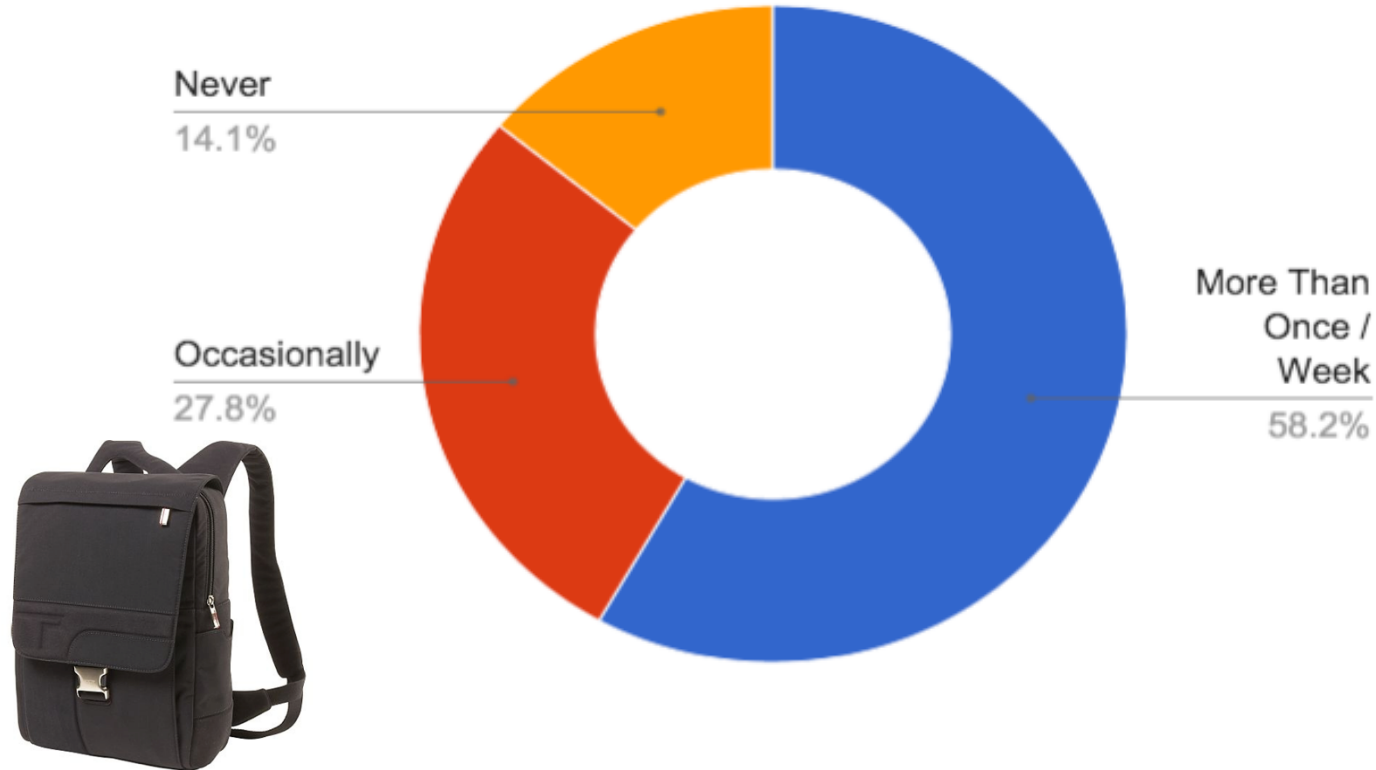
No  
Laptop  
3.5%



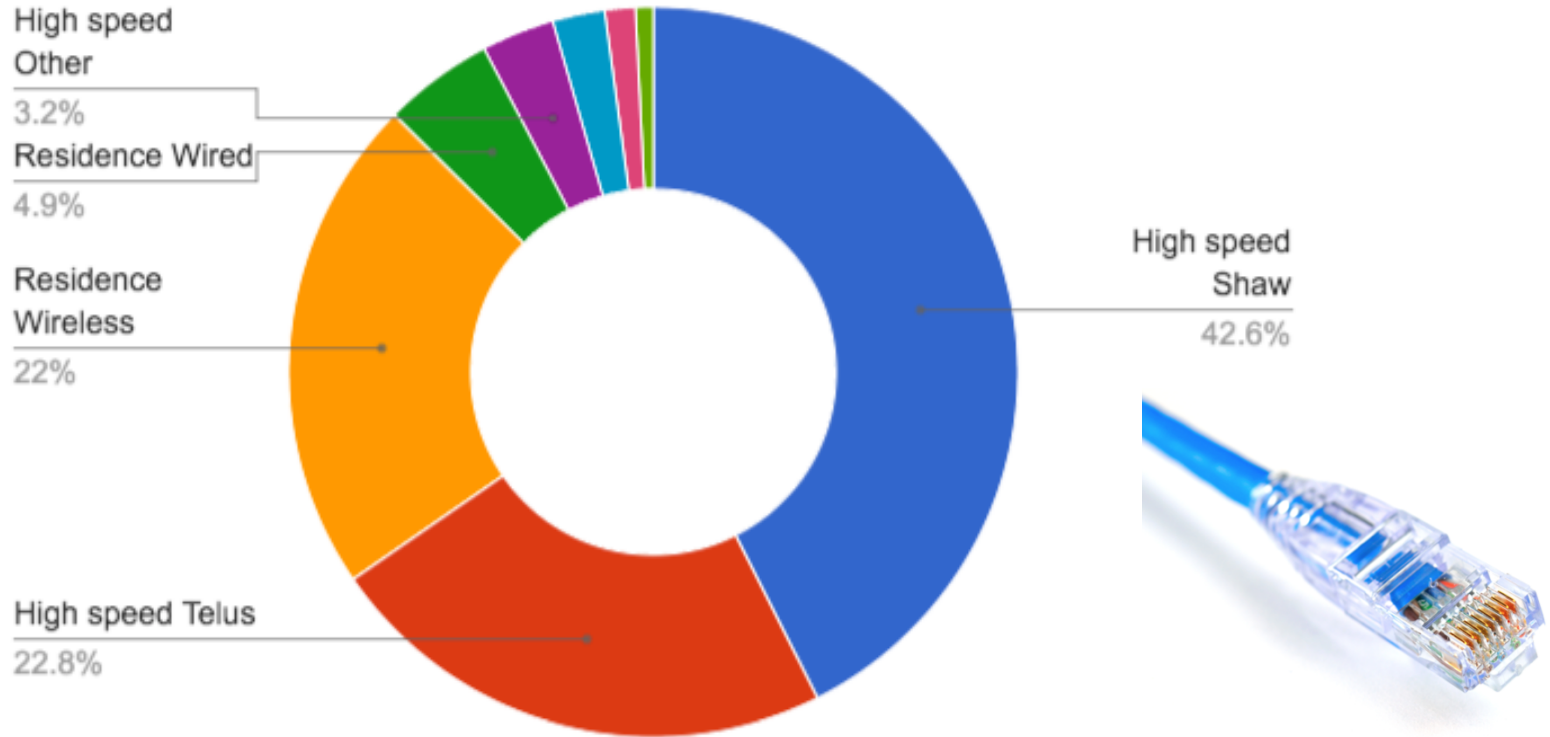
Laptop  
96.5%



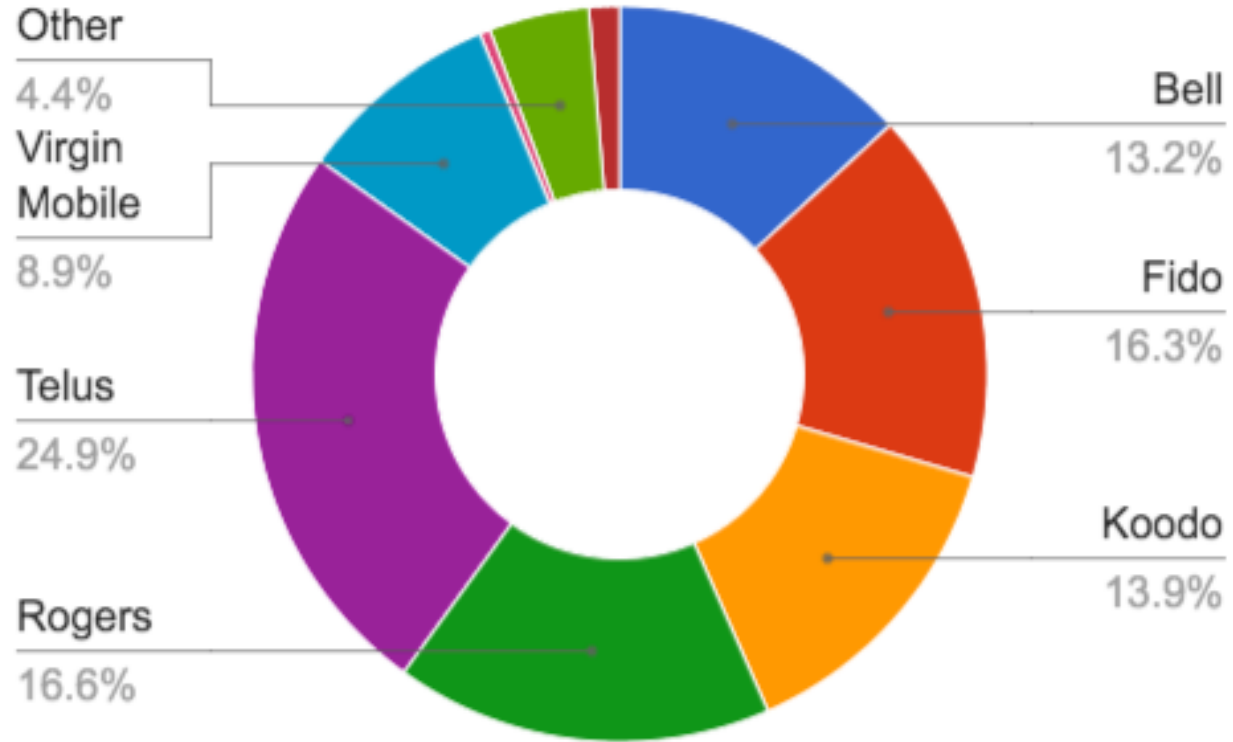
# Students Bringing Laptops to Campus



# Student Internet Service Providers



# Student Wireless Providers

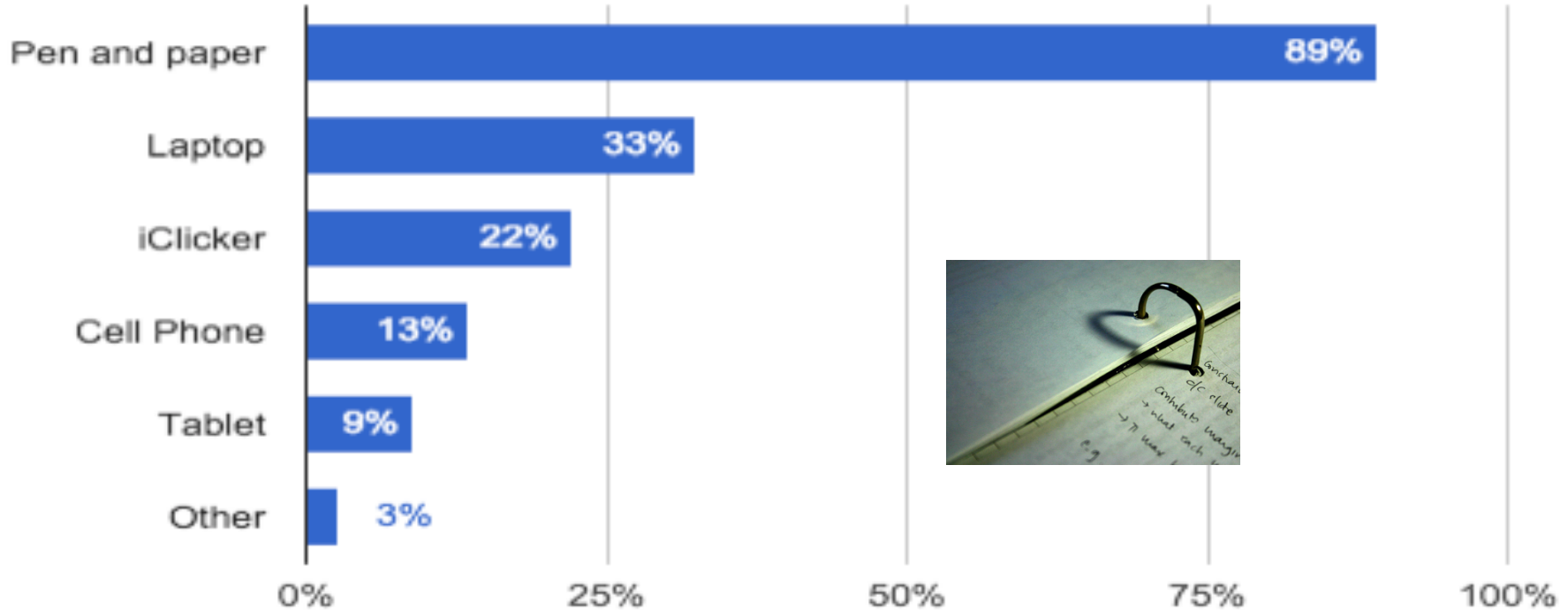






**Proliferation of Devices...**

# Note Taking Tools





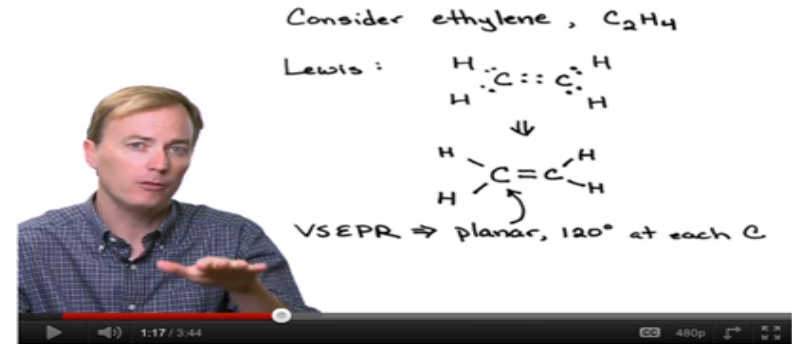


# Note Taking / Mobile Technology Implications

# Laptops & Mobile Devices Enable Pedagogical Opportunities



**More Engaging  
Constructivist,  
Activities When  
Face-to-Face.**



<http://today.duke.edu/2012/05/teamlearning>

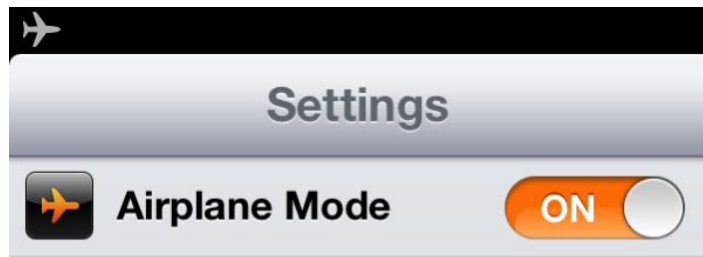


# Mobile Technology Opportunities

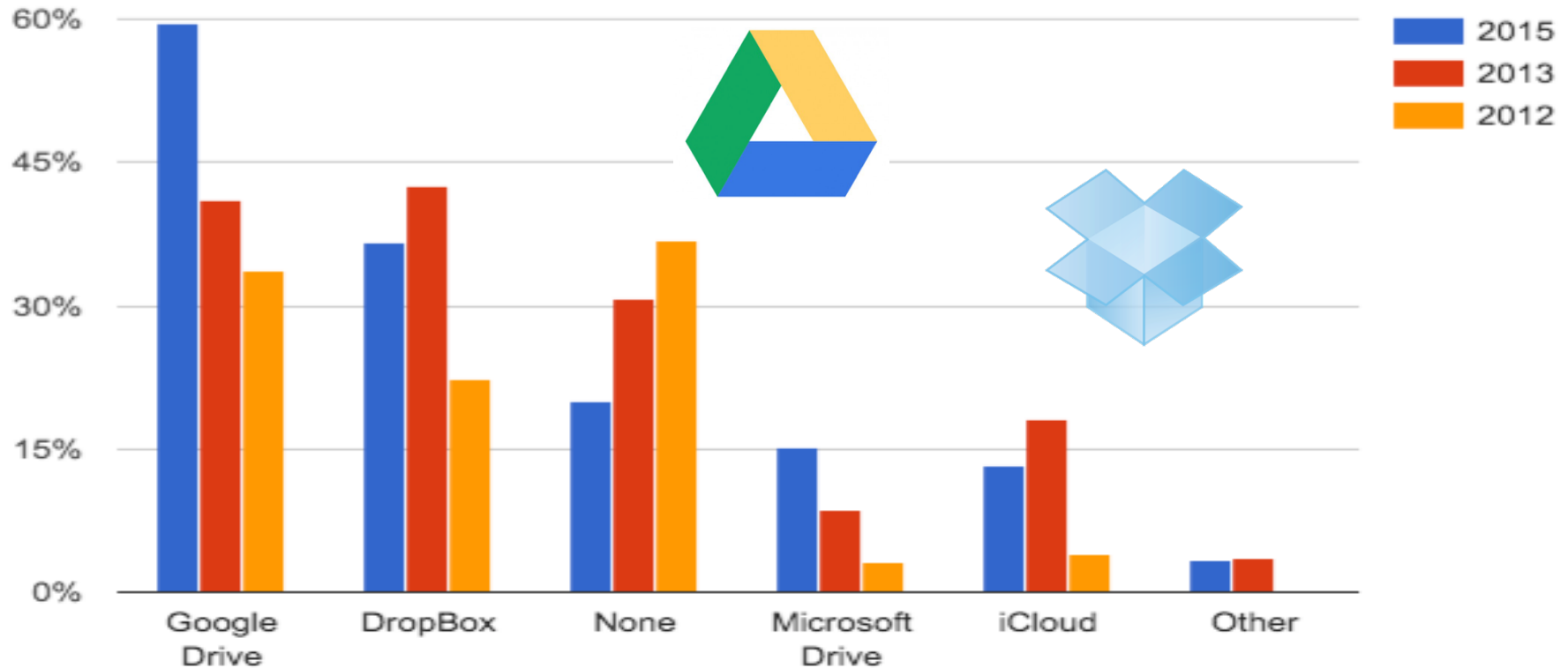


**Blended Learning / Multi-Access**

# Email & Notification Opportunities

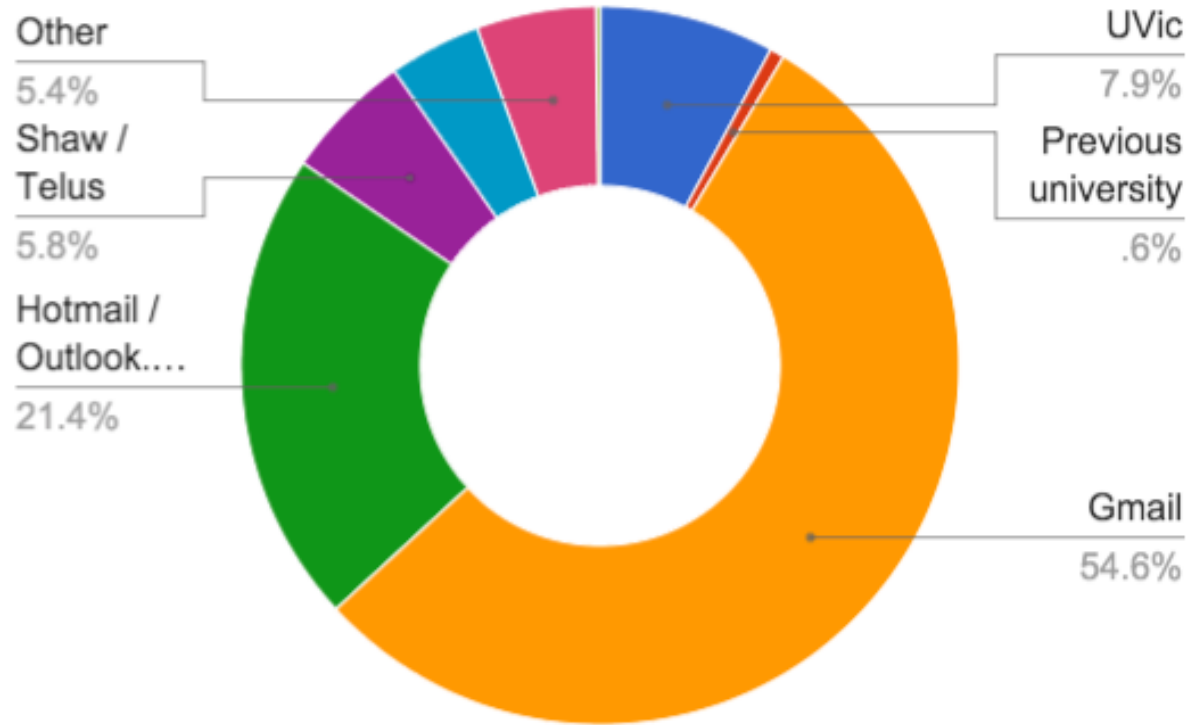


# Collaborative Document Editing





# Email Providers



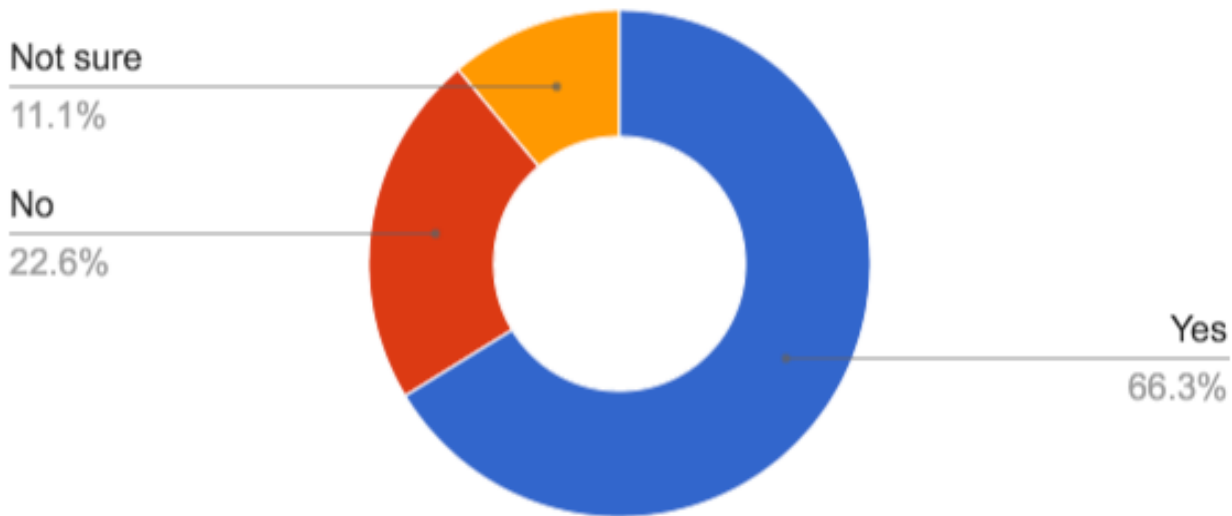


# Collaborative Document Editing & Email Caveats

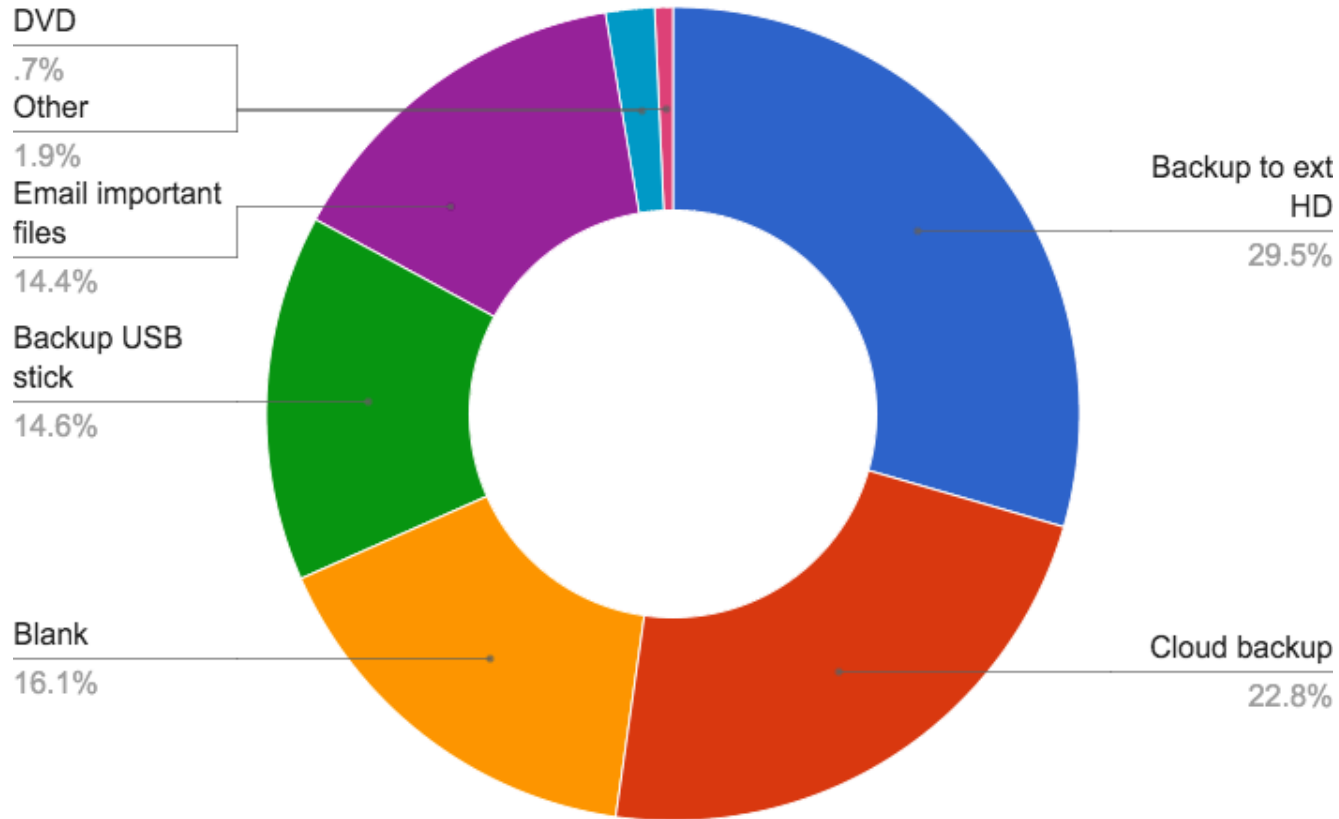


# File Backup?

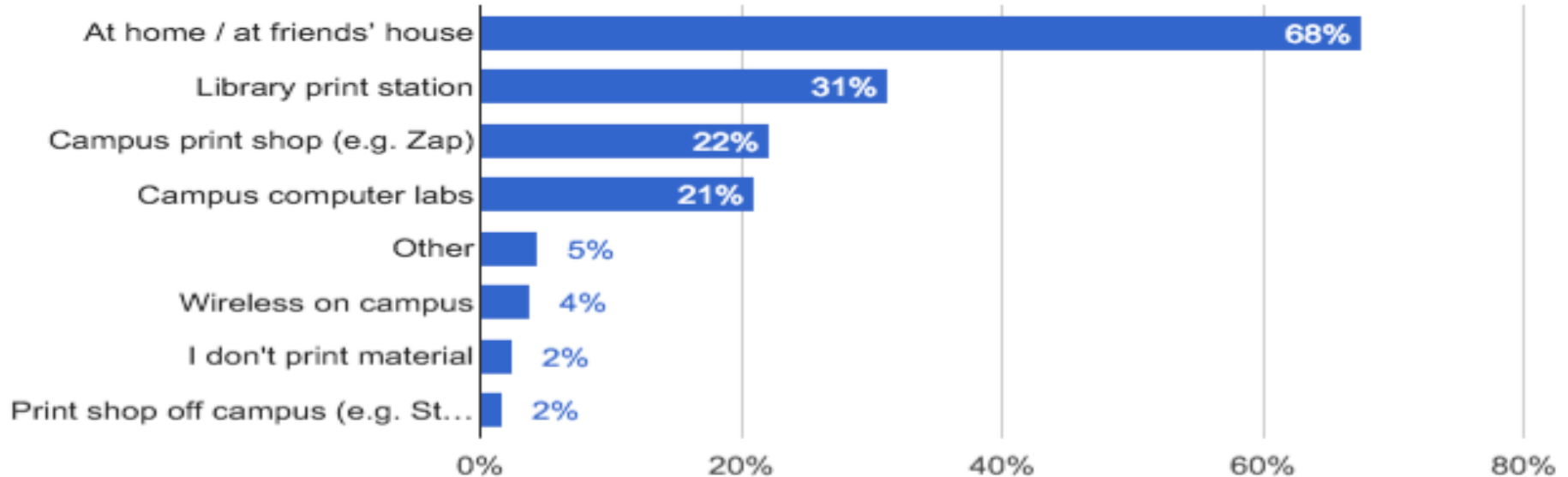
Do You Backup Your Files



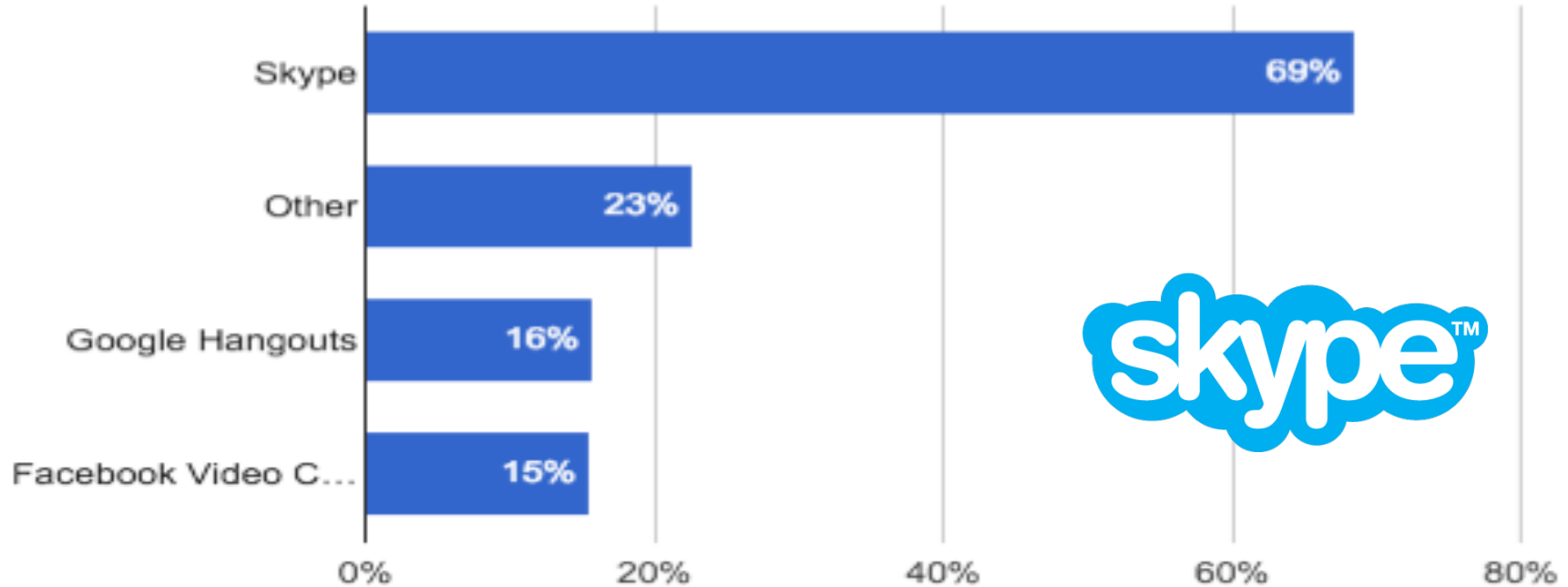
# File Backup: How?



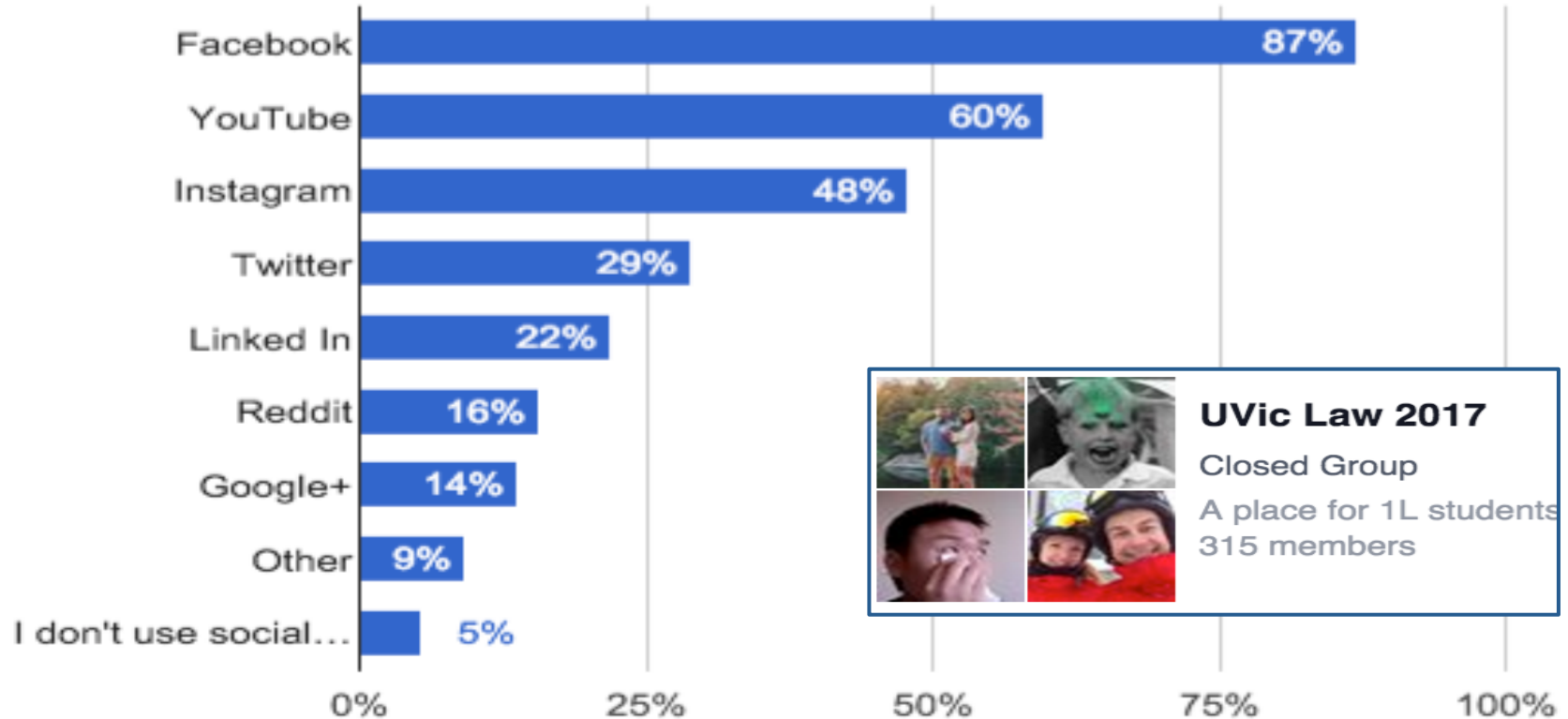
# Where Student Print



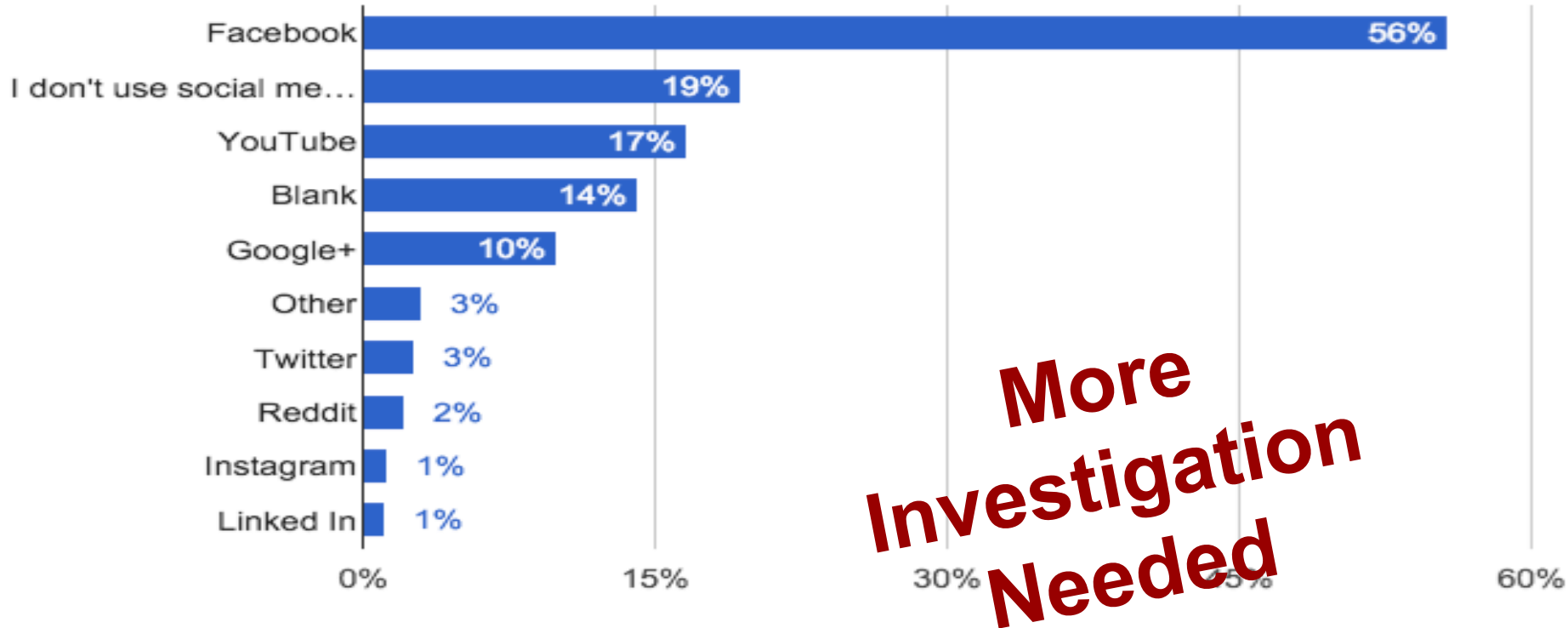
# Real-Time Audio & Video Collaboration



# Social Media Usage



# Social Media use for Assignments

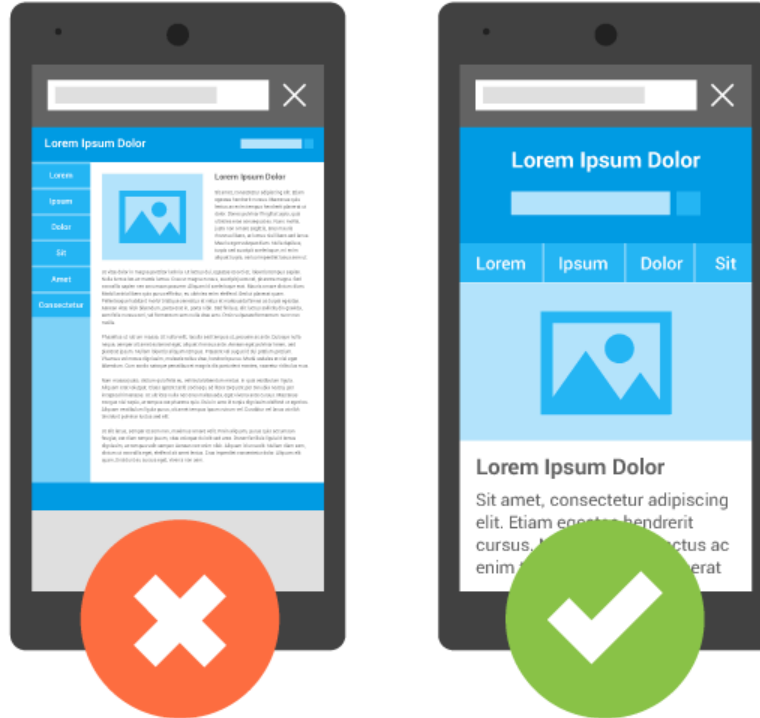




# Opportunities...



# Implication: Mobile Friendly Services a Must



# Opportunity: eBooks & Open Access Materials



# Provide Training to Faculty: Move to more Active in-class Instruction



<http://www.hidden-sparks.org/hidden-sparks-blended-learning-lenses-course-2015/>

## (often tech enabled)

# Implication: Let Students know about cloud computing issues



# Opportunity: Connect students with student run social media groups?



# *Questions / Discussion*

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In-In Po: [pujiyono@uvic.ca](mailto:pujiyono@uvic.ca)