

FROM DATA TO DECISIONS

The 2001 Campus Computing Survey

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THE CAMPUS COMPUTING PROJECT
www.campuscomputing.net

DET-CHE Meeting
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An Entertainment in Three Parts

- ◆ Context
- ◆ Data
- ◆ Decisions



Great Aspirations

Both the processing and the uses of information are undergoing an unprecedented technological revolution. Not only are machines now able to deal with many kinds of information at high speed and in large quantities, but it is also possible to manipulate these quantities so as to benefit from them in new ways. This is perhaps nowhere truer than in the field of education. One can predict that in a few years, millions of schoolchildren will have access to what Philip of Macedon's son Alexander enjoyed as a royal prerogative: the services of a tutor as well-informed and as responsive as Aristotle.

Patrick Suppes
Scientific American
October, 1966



Deja Vu

For better or worse, television dominates much of American life and manners....Part of [the] lackluster record of the educational uses of television is of course due to the heretofore merciless economies of the medium. But profound pedagogic mistrust of the medium also remains a fact of life. The proof of the pudding lies in the fact that on many campuses, fancy television equipment...now lies idle and often unused.... Academic indifference to this enormously powerful medium becomes doubly incomprehensible when one remembers that the present college generation is also the first television generation.

George Bonham
Television: The Unfulfilled Promise
Change, 1972



Convergence

When Wishes Come True

- ◆ Access
- ◆ Lifelong Learning
- ◆ Information Technology



Compelling, Competing and Complementary

Visions of Higher Education

- ◆ *HIGH TOUCH*: Mark Hopkins and the Log
- ◆ *HIGH TECH*: The Wire and Web Save Higher Education
- ◆ *HYBRID*: High Touch & High Tech



IT and the Instructional Mission

CONTENT

- Information
- Structure
- Value
- Application
- Skills
- Materials

CONTEXT

- Time & Place
- Campus
- Learning Environment
- Resources
- Access
- Socialization

CERTIFICATION

- Course
- Sequencing
- Program
- Degree
- Skills
- Licensing
- Outcomes

Convenience and Cost

Source: Green, 1999



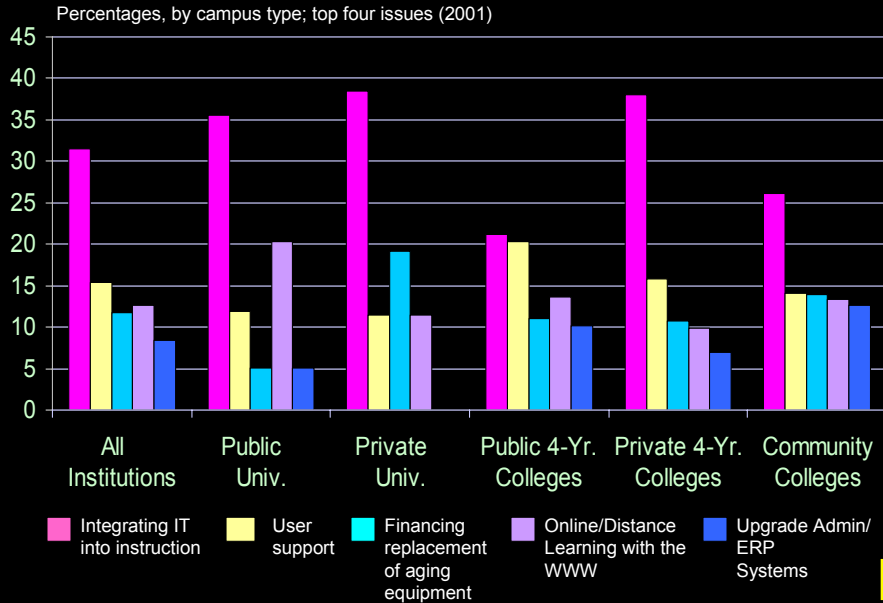
THE 2001 CAMPUS COMPUTING SURVEY



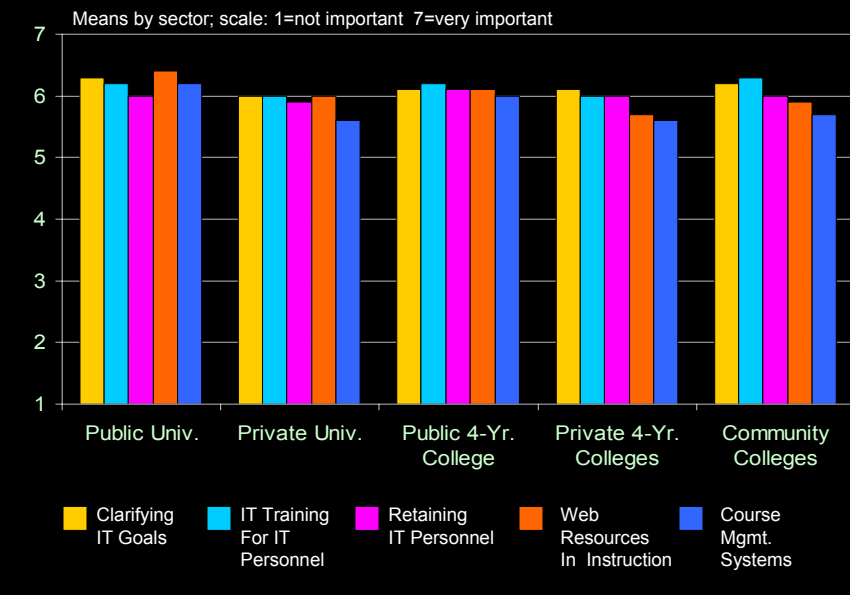
From Data to Decisions: The 2001 Campus Computing Survey

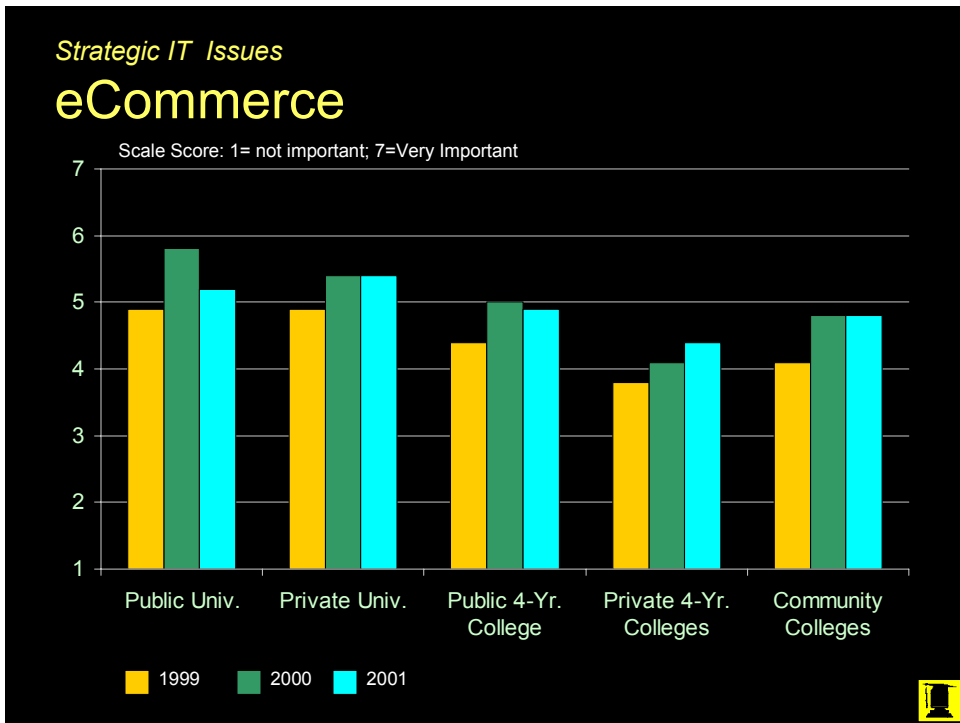
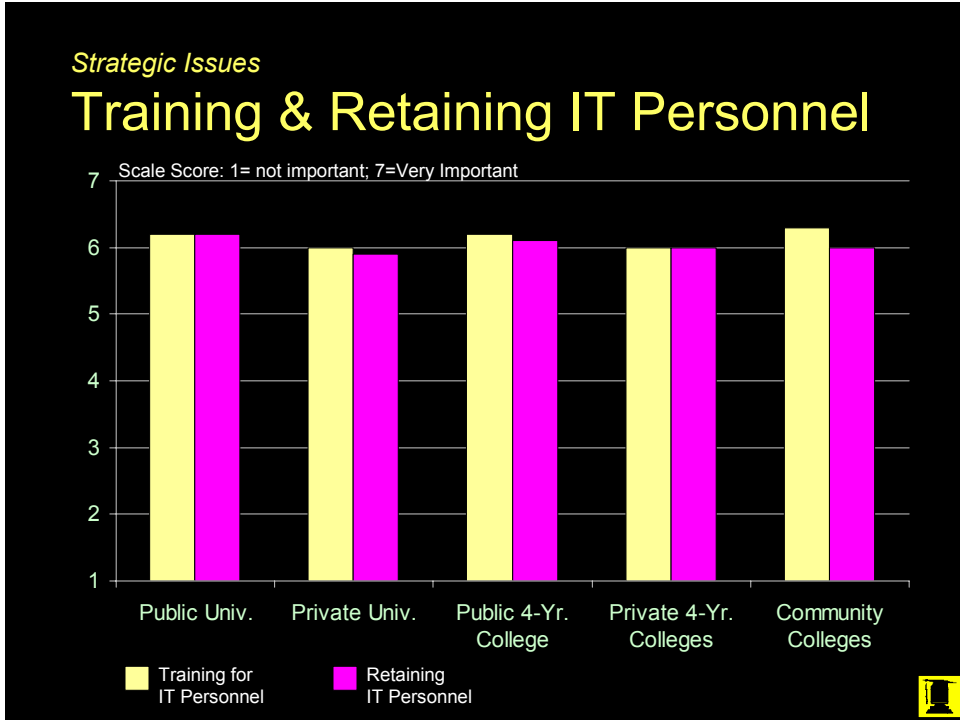
Kenneth C. Green

Single Most Important IT Issue

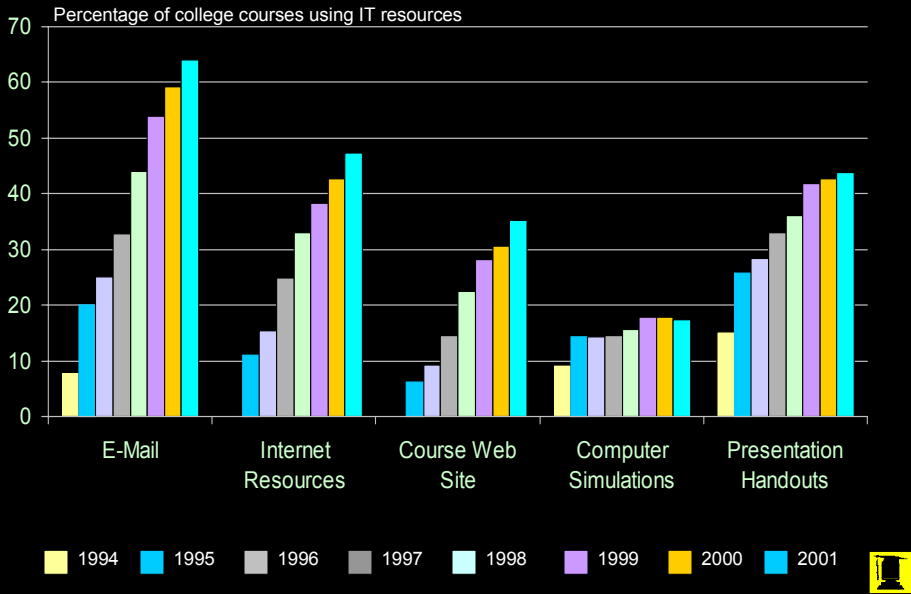


Top Strategic Issues, Fall 2001

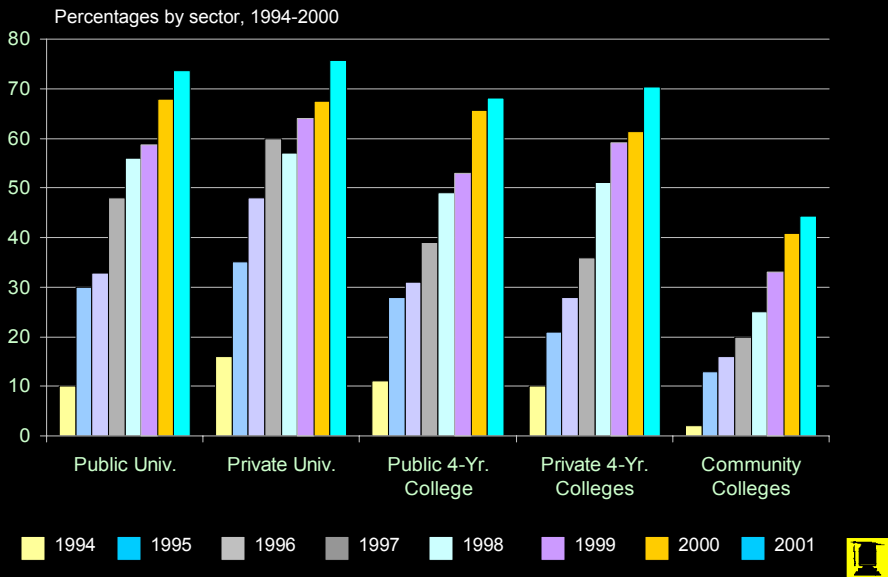




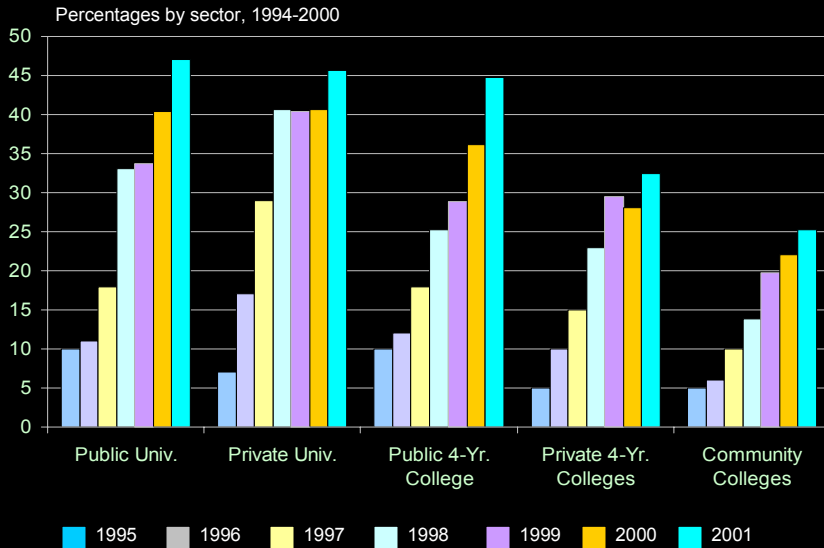
Rising Use of IT in Instruction



Rising Use of IT in Instruction Electronic Mail



Rising Use of IT in Instruction
Web Pages for College Courses



Policy vs Practice
Course Management Tools

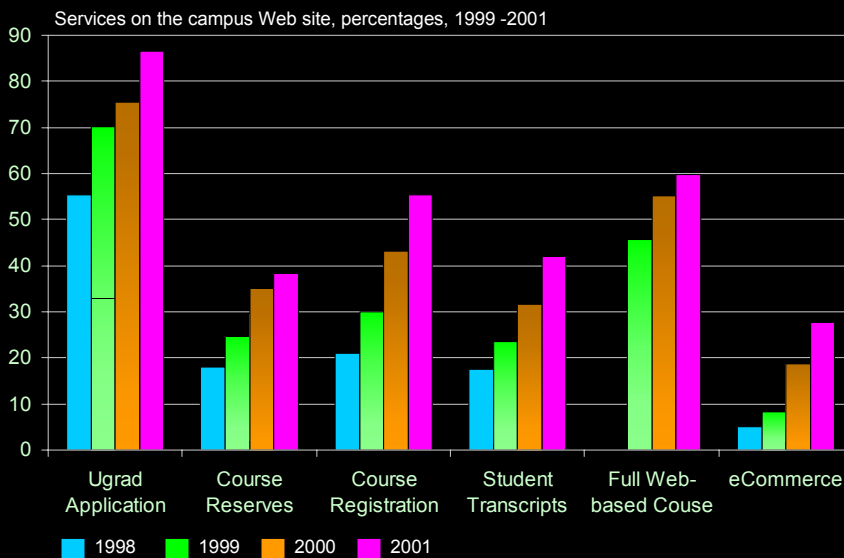


Web Site Services, 2001

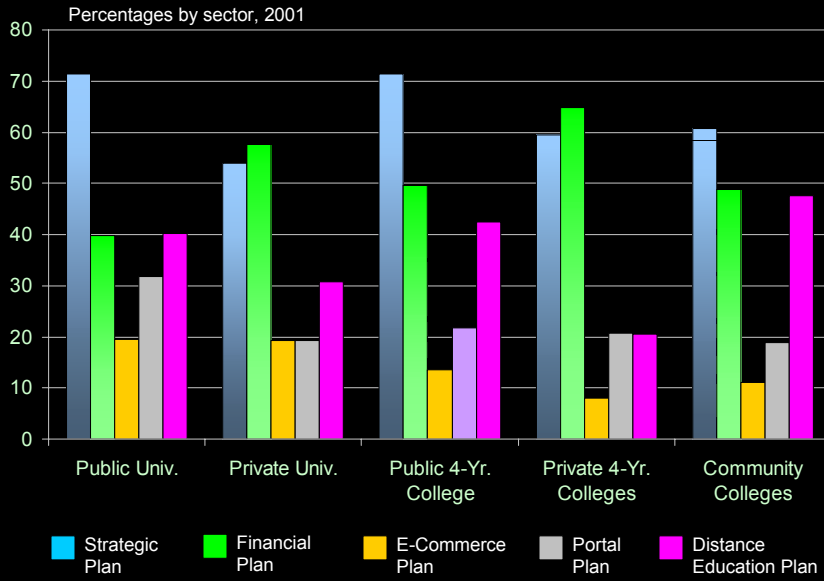
percentages	Public University	Private University	Public 4-Yr. College	Private 4-Yr. College	Comm. College
Ugrad Application	98.4	100	91.7	90.2	70.5
Financial Aid App	85.7	73.1	62.5	46.9	51.4
Journals & Reference	95.2	88.5	86.7	76.8	48.6
Course Reserves	79.4	69.2	44.2	40.2	8.9
Course Registration	79.4	88.5	72.5	37.9	55.5
Online Course	84.1	53.8	83.3	33.5	74.0
E-Commerce Capacity	49.2	42.3	41.7	17.9	20.5



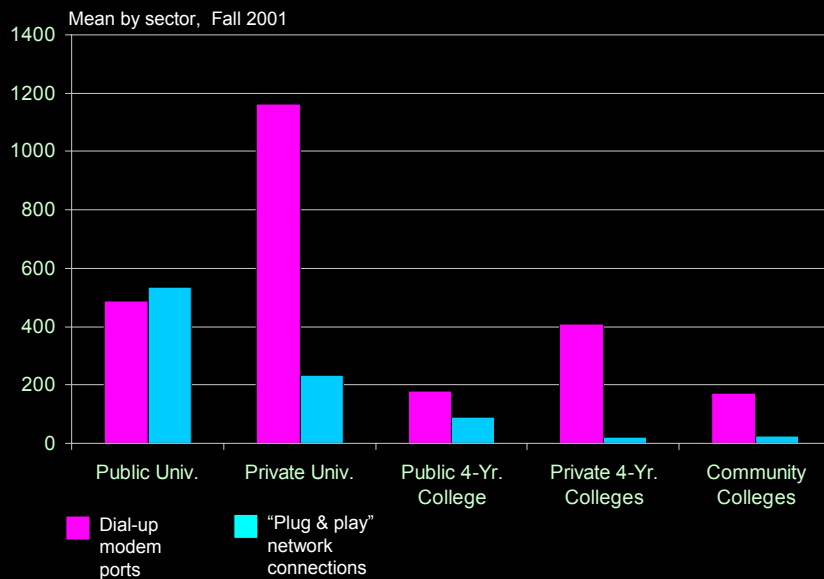
Slow Gains in eCommerce/Service



Strategic and Financial Planning, 2001

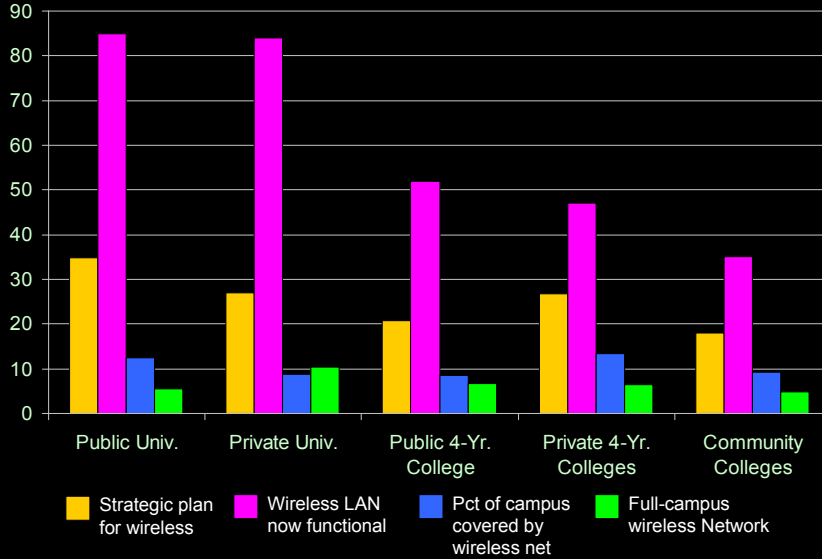


Network Connections



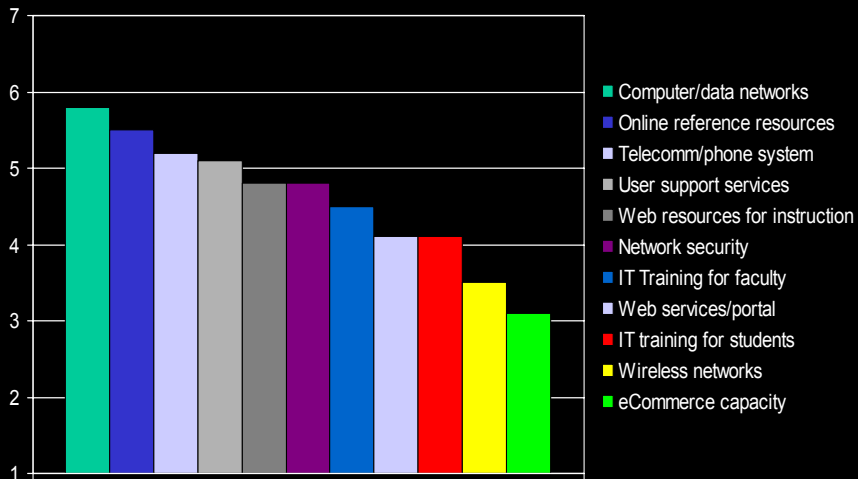
Going Wireless

Percentages by sector, 2001



Assessing the IT Infrastructure, 2001

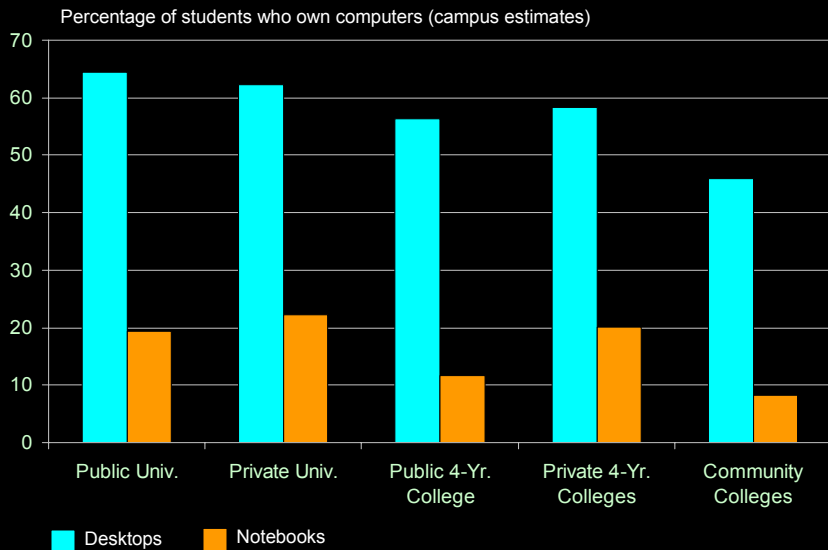
Scale Score: 1= poor; 7=excellent



Mandatory Student IT Fees

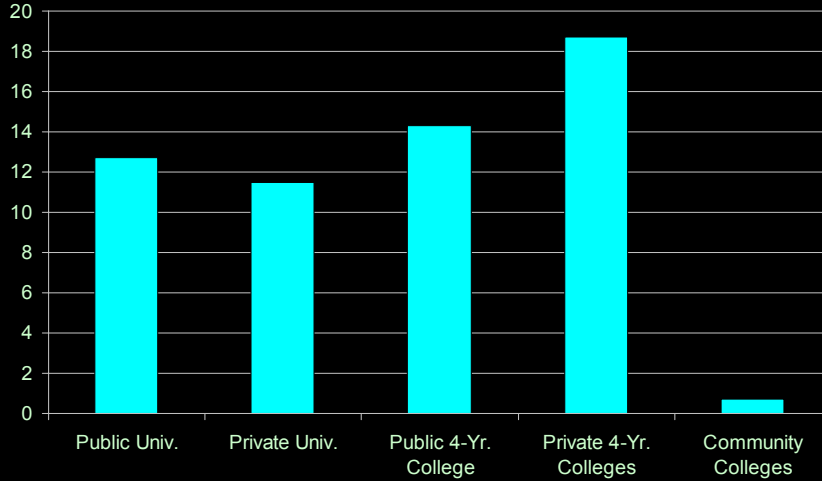


Student Computer Ownership, 2001



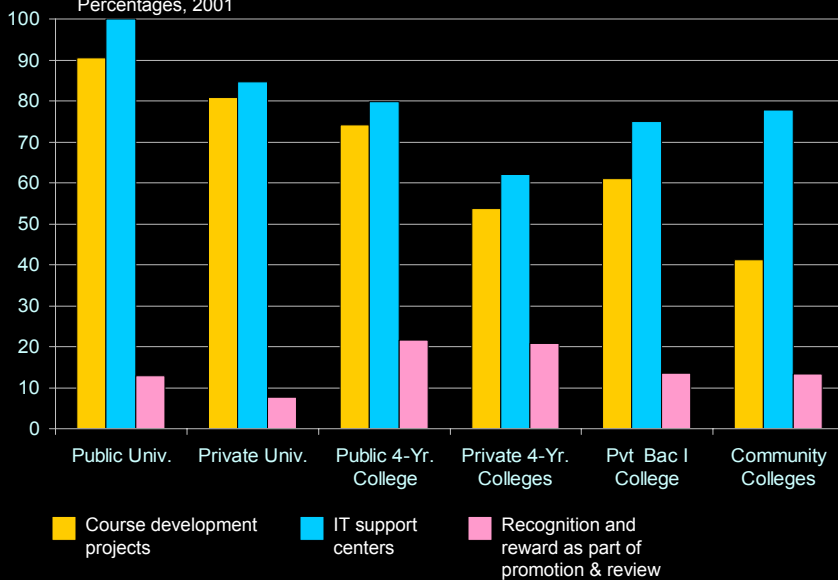
"We Intend to Require All Our Students to Own a Computer by Fall 2003."

Percentage who "agree/strongly agree," Fall 2001



Faculty: IT Support & Recognition

Percentages, 2001



Planning & Policy Decisions

- ◆ Instructional integration & user support
- ◆ Assessment
- ◆ Reward and recognition
- ◆ Infrastructure: strategic & financial planning
- ◆ Multiple dimensions of the “digital divide”
- ◆ Productivity



Faculty: Vision & Visualization

- ◆ Institutional vision
- ◆ Individual visualization
- ◆ Infrastructure fosters innovation



eCommerce
Change the Discussion



eServices
eLearning



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