

CAMPUS COMPUTING, 2006

Kenneth C. Green

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The 17th National Survey of Computing and
Information Technology in US Higher Education

Kenneth C. Green
THE CAMPUS COMPUTING PROJECT
www.campuscomputing.net

October, 2006

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Methodology

- ◆ 540 survey respondents
- ◆ Web-based data collection
- ◆ Survey period: Sept – Oct 2005
- ◆ 74 pct of 2006 campuses participated in the 2005 survey



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2006 Survey Sample

Category	Dept of Ed N (adjusted)	Survey N	Participation Rate
Public Research & Doctoral Universities	168	73	43.4%
Private Research & Doctoral Universities	92	51	55.4%
Public 4-Year Colleges (Baccalaureate & Masters)	374	108	22.9%
Private 4-Year Colleges (Baccalaureate & Masters)	824	186	22.5%
Associate Degree/ Public Community Colleges	1018	120	11.9%



2006 Highlights

- ◆ CONTINUING THEMES: Security and Services
- ◆ Tech budgets stable, but shifting towards security, services, ERP.
- ◆ Wireless in half of campus classrooms
- ◆ Continuing “affirmative ambivalence” about Open Source
- ◆ *Bring Data!* - More pressure for data to inform assessment efforts and outcome mandates



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Single Most Important IT Issue

Trends, 2000-2006

2000	2001	2002	2003	2004	2005	2006
Instructional Integration (40.5%)	Instructional Integration (31.5%)	Instructional Integration (24.3%)	Instructional Integration (21.4%)	Network & Data Security (21.1%)	Network & Data Security (30.0)	Network & Data Security (29.5%)
User Support (22.3%)	User Support (15.4%)	Upgrade/ Replace ERP (18.9%)	Upgrade/ Replace ERP (17.6%)	Instructional Integration (18.5%)	Instructional Integration (17.9%)	Instructional Integration (17.3%)
Financing IT (14.6%)	Upgrade/ Replace ERP (12.6%)	Financing IT (15.1%)	Financing IT (16.1%)	Upgrade/ Replace ERP (17.2%)	Upgrade/ Replace ERP (16.1%)	Upgrade/ Replace ERP (16.3%)



Single Most Important IT Issue, 2006

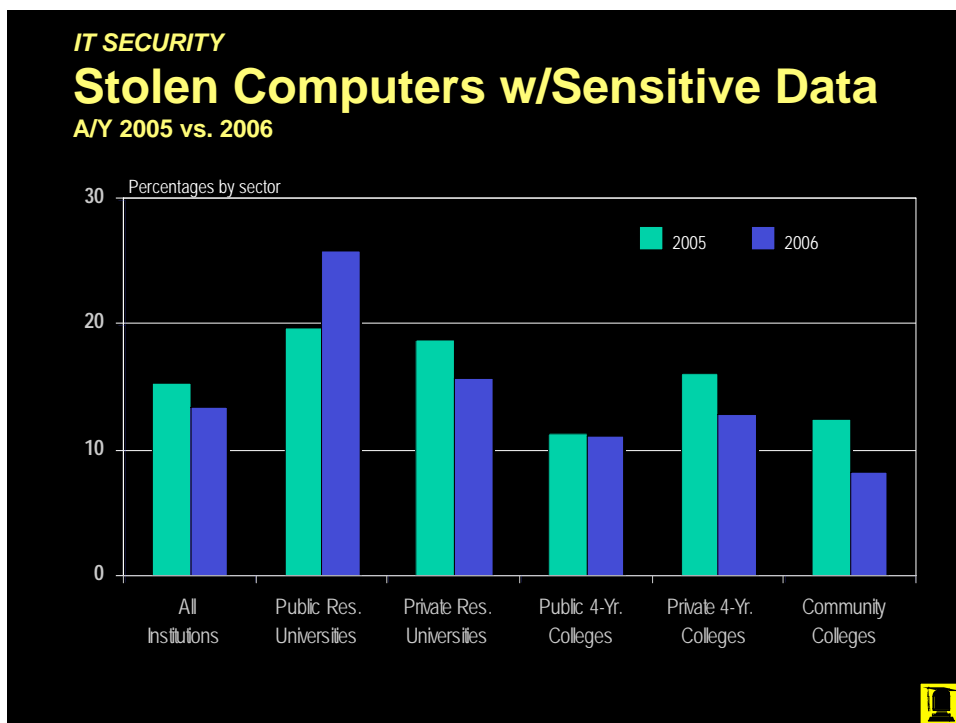
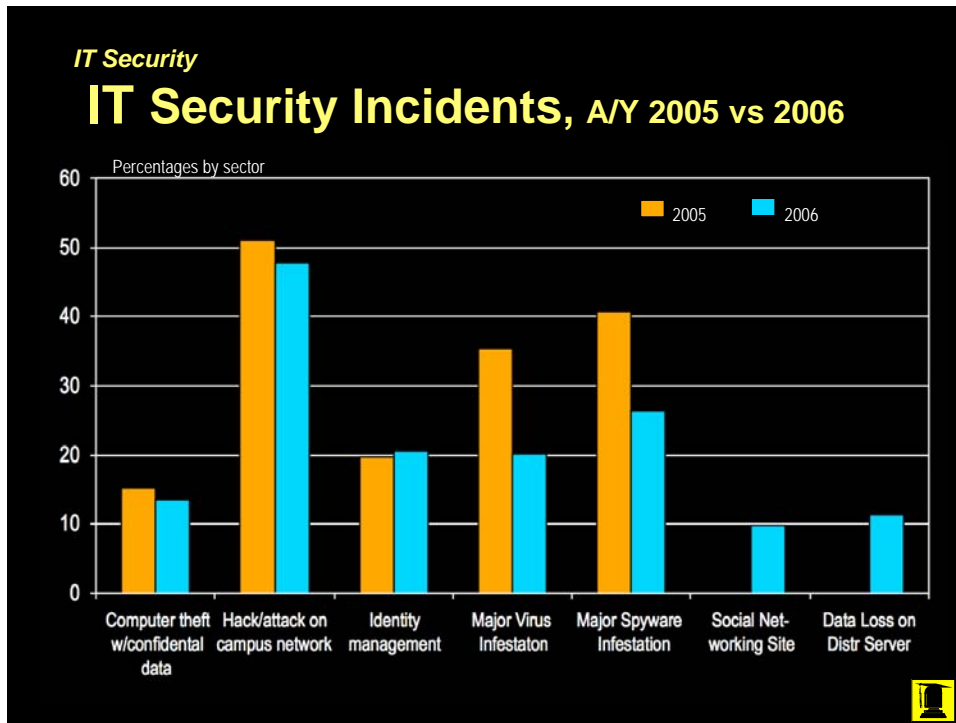
percentages by sector

All Institutions	Public Universities	Private Universities	Public 4-Yr Colleges	Private 4-Yr Colleges	Comm. Colleges
Network & Data Security (29.5)	Network & Data Security (34.3)	Network & Data Security (31.4%)	Network/ & Data Security (31.4%)	Network & Data Security (25.8%)	Network & Data Security (27.5%)
Instructional Integration (17.3%)	Upgrade/ Replace ERP (23.3%)	Upgrade/ Replace ERP (25.3%)	Financing Replacement for Aging IT (21.3%)	Instructional Integration (24.7%)	Instructional Integration (18.3%)
Upgrade/ Replace ERP (16.1%)	Instructional Integration (12.3%)	Instructional Integration & Retaining Staff (13.7%)	Upgrade/ Replace ERP (13.9%)	Upgrade/ Replace ERP (11.8%)	Upgrade/ Replace ERP (17.5%)



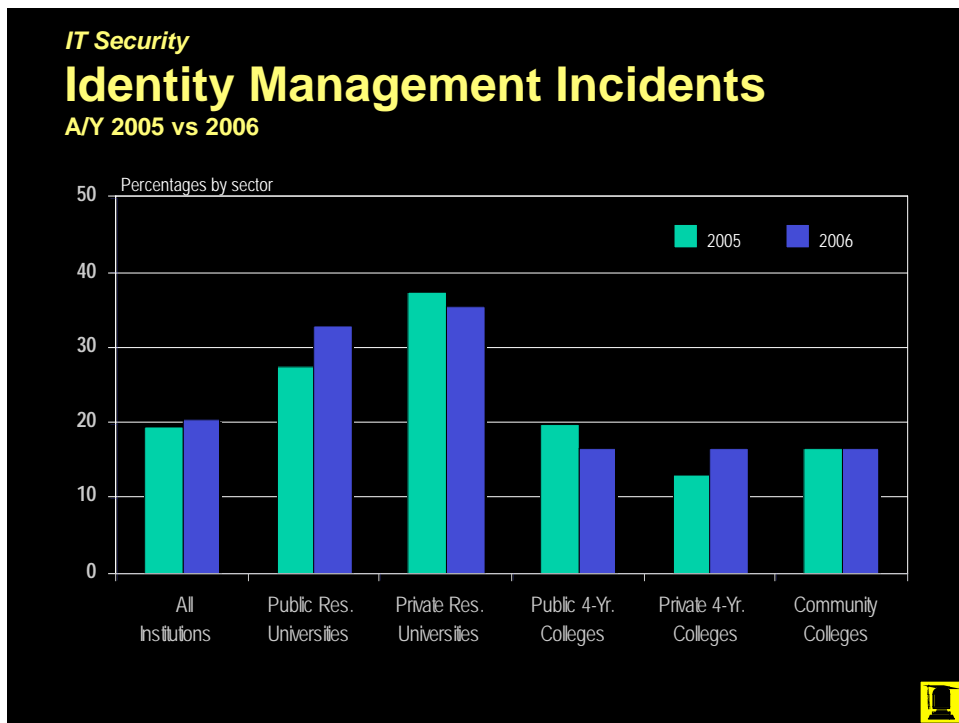
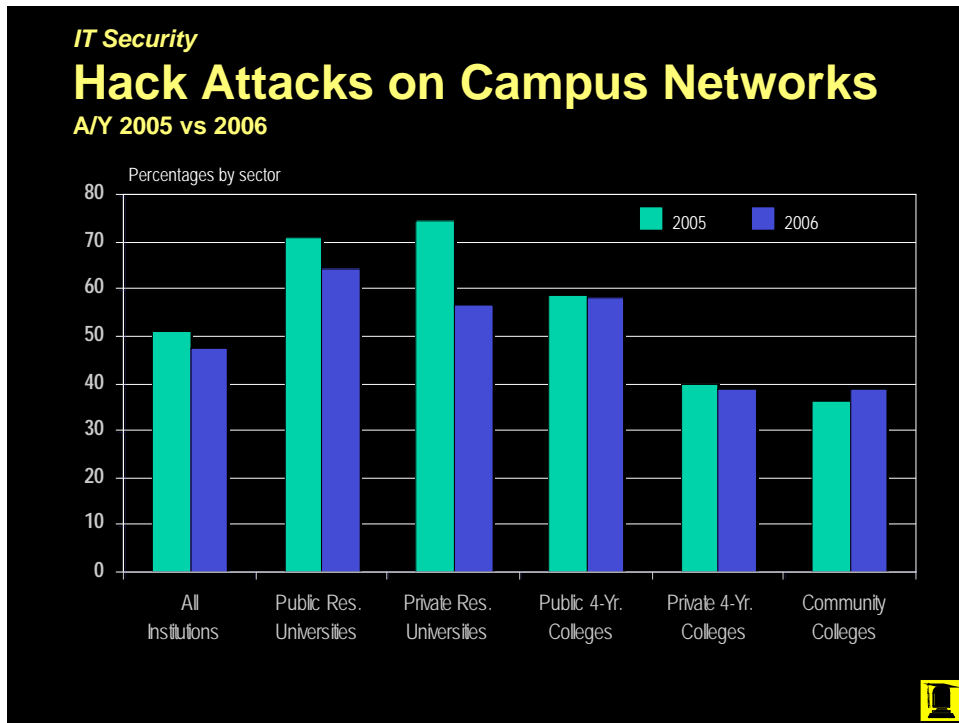
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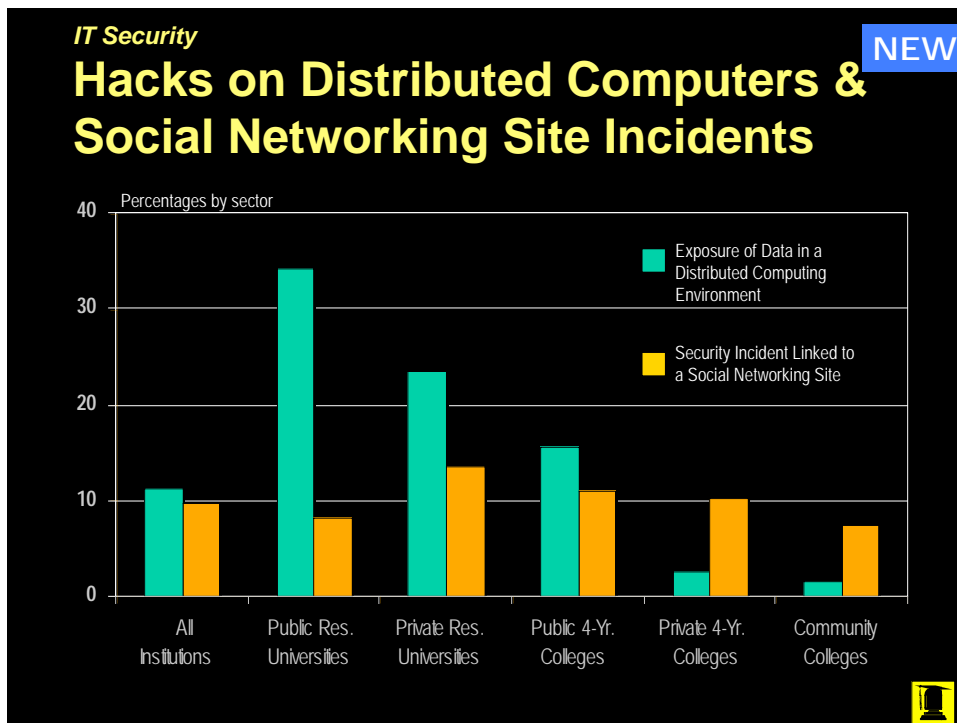
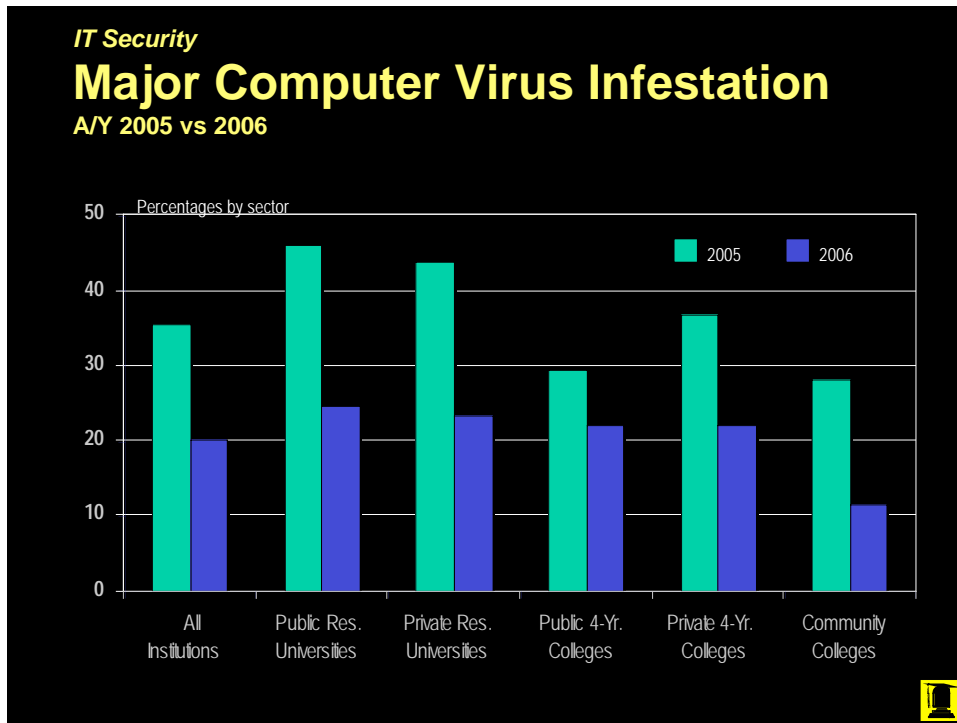
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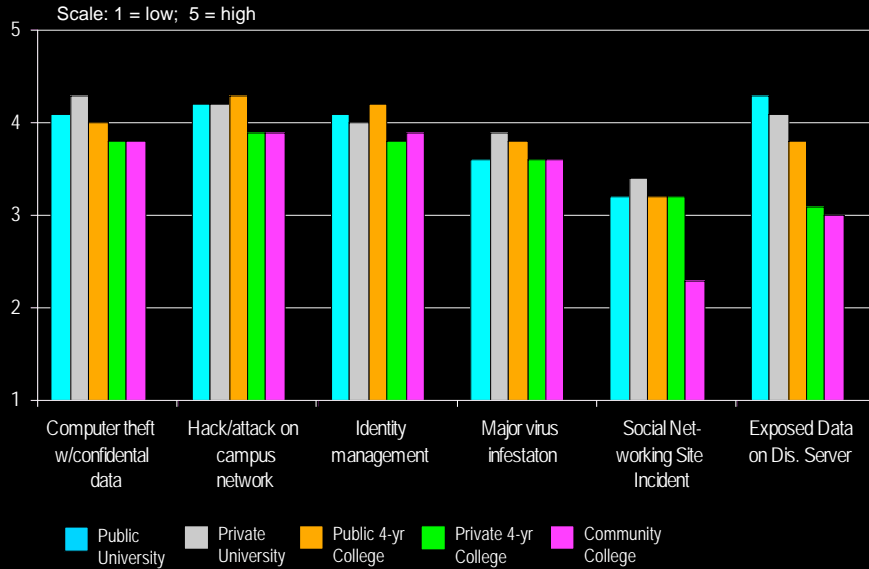
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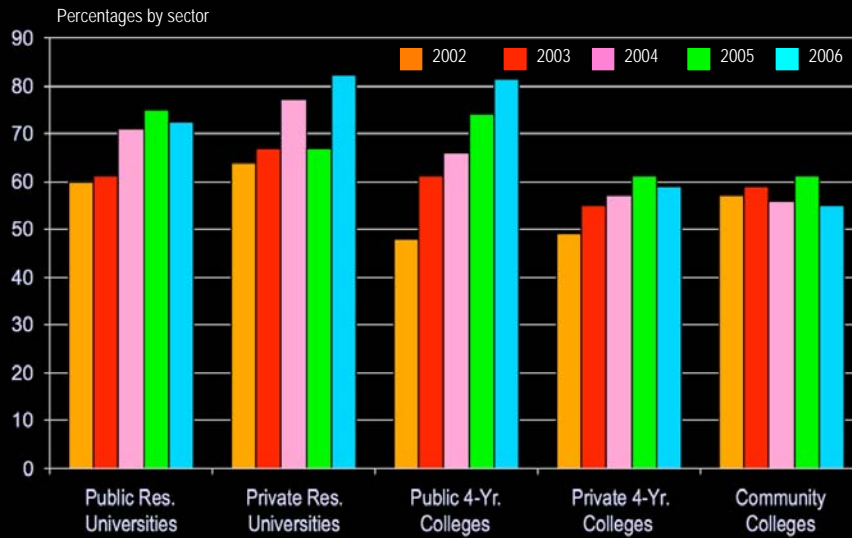
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CIO Concerns About IT Security, A/Y 2006



Strategic Plan for Network Security

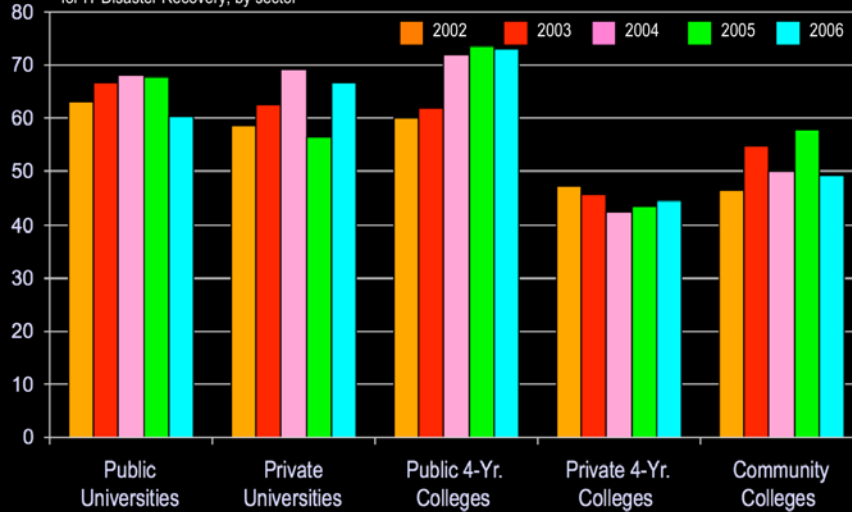


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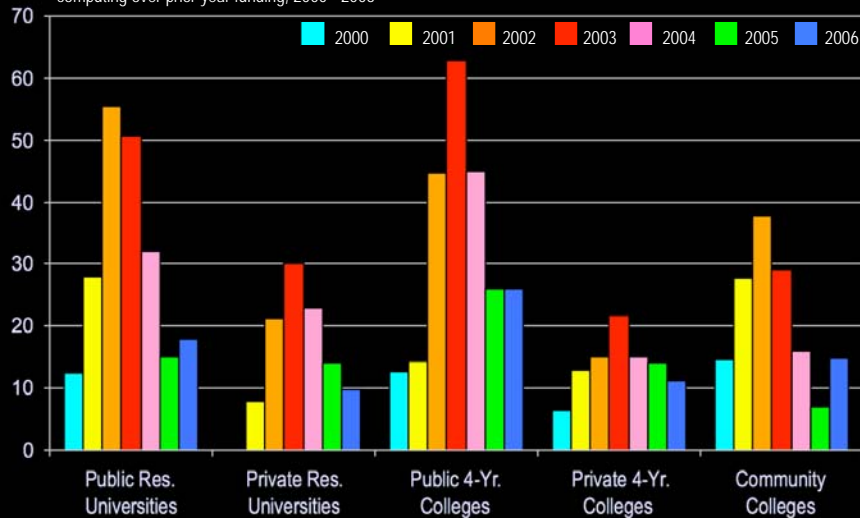
Slow Progress on IT Disaster Planning

Percentage of institutions reporting a strategic plan for IT Disaster Recovery, by sector



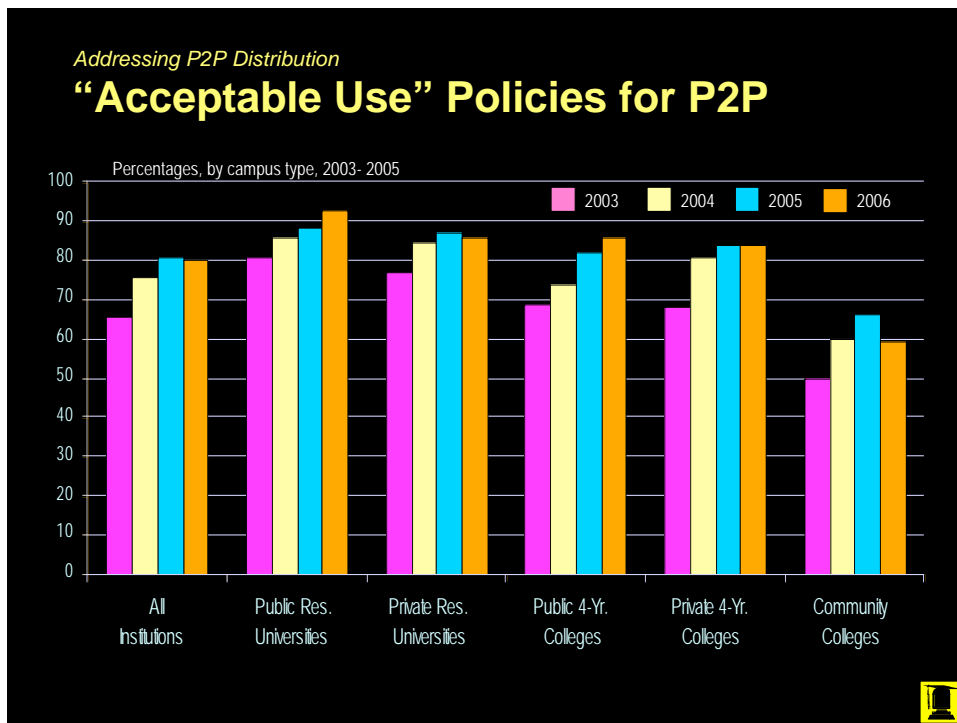
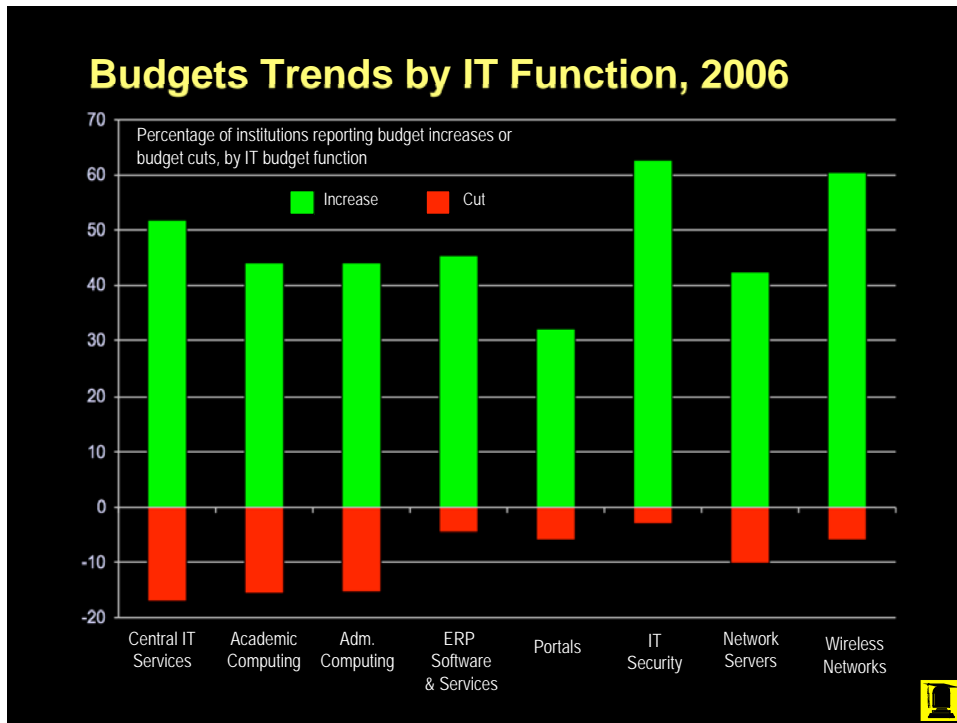
Budget Cuts in Academic Computing

Percentage of institutions reporting budget reductions for academic computing over prior year funding, 2000 - 2006



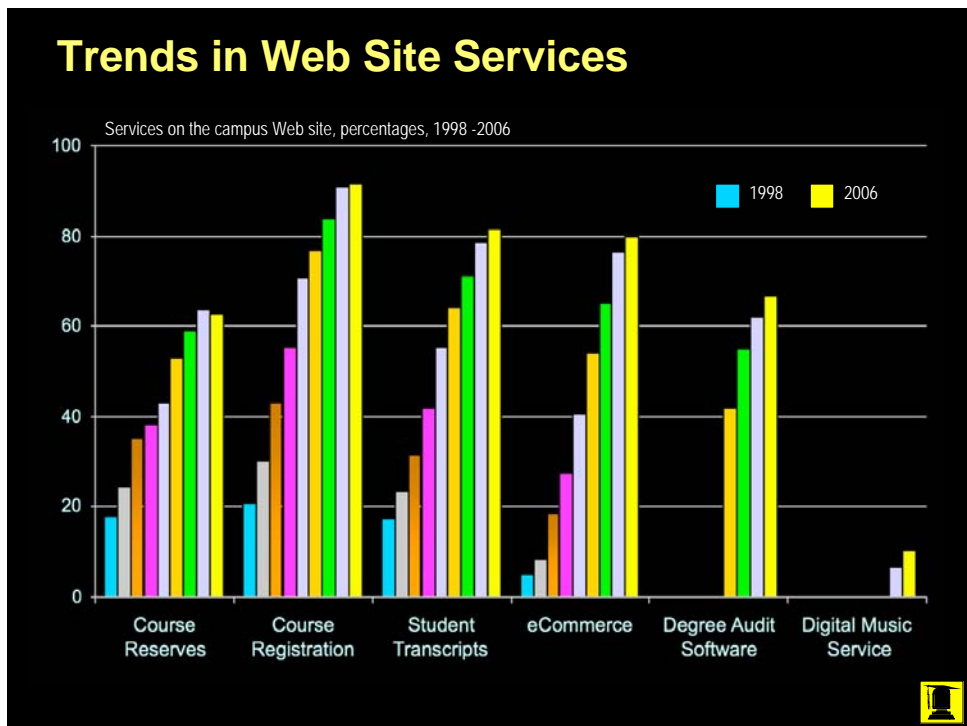
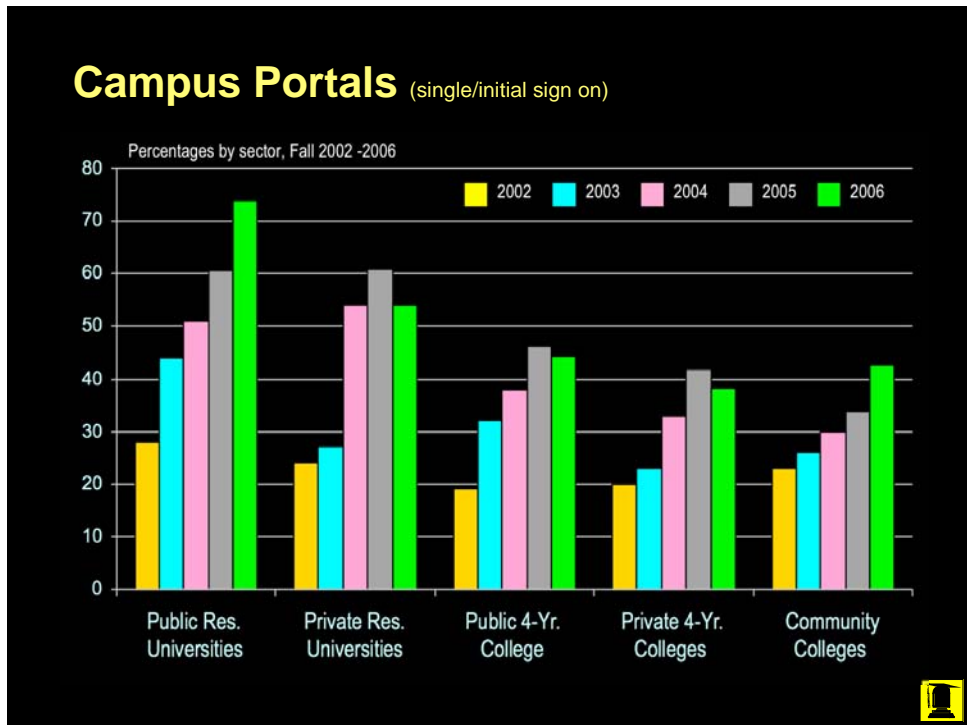
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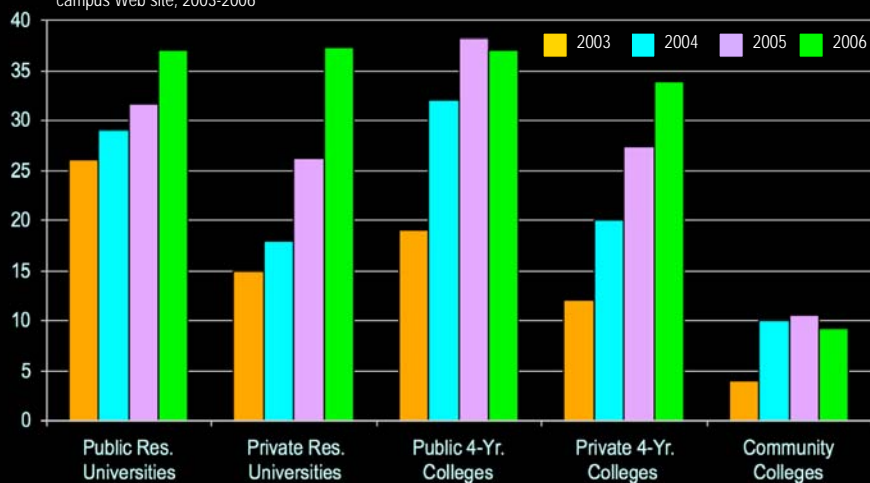
Web Site Services, 2006

percentages	Public University	Private University	Public 4-Yr. College	Private 4-Yr. College	Comm. College
Journals & Reference	92	95	96	94	85
Course Reserves	84	78	71	68	30
Course Registration	99	94	97	84	93
Degree Audit Software	78	65	74	61	65
Computer Resale Prog.	56	43	32	32	8
E Commerce	89	86	89	65	86
Digital Music Service	15	33	11	9	--



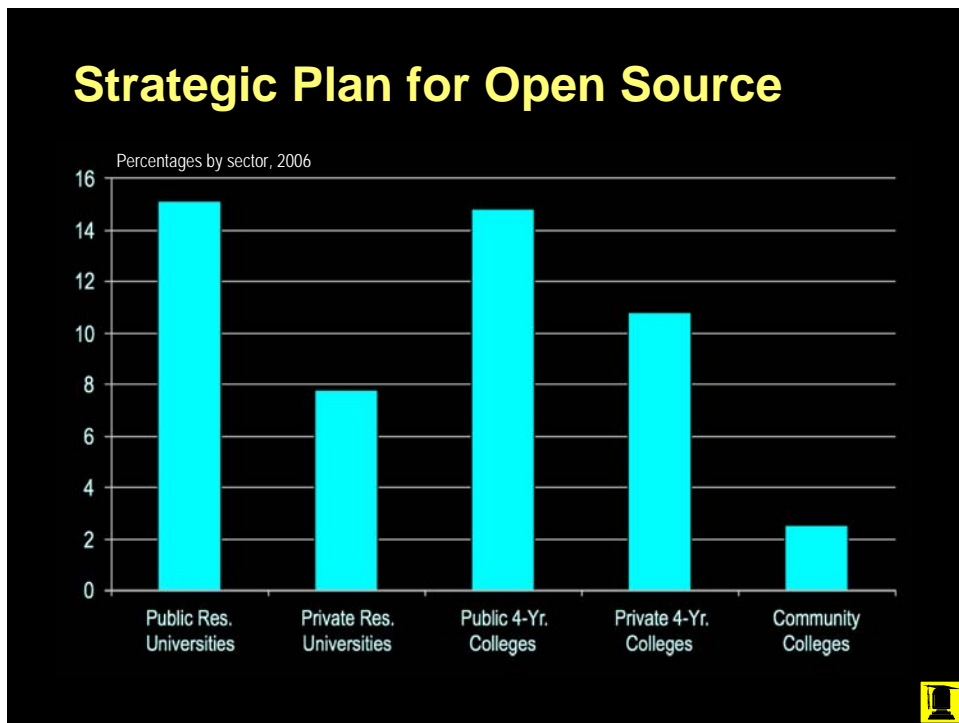
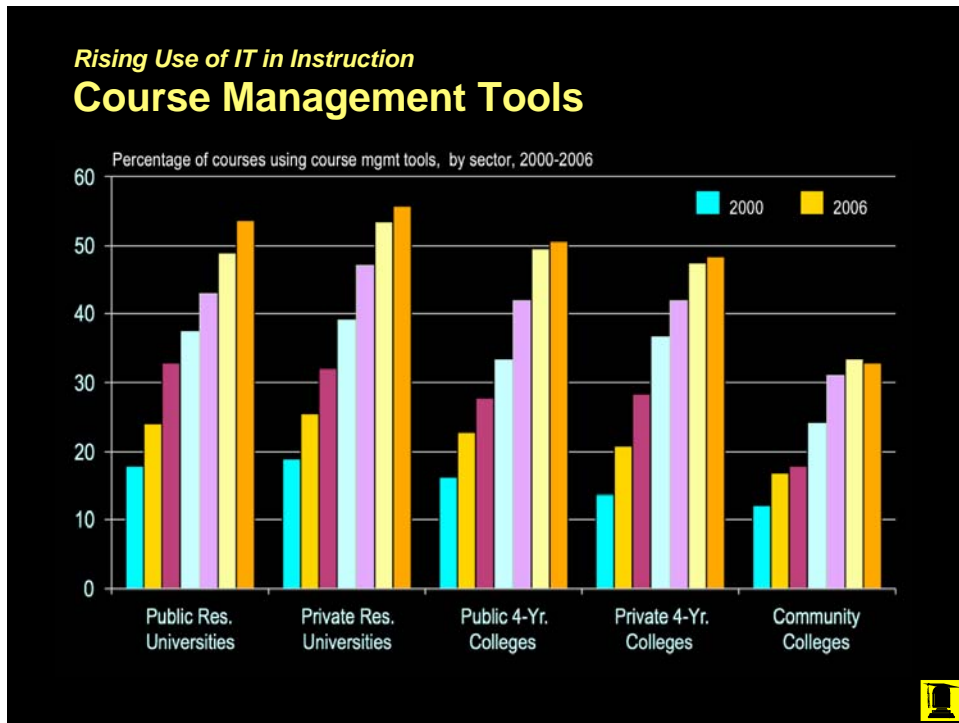
ePortfolios

Percentages by sector reporting ePortfolio services on the campus Web site, 2003-2006



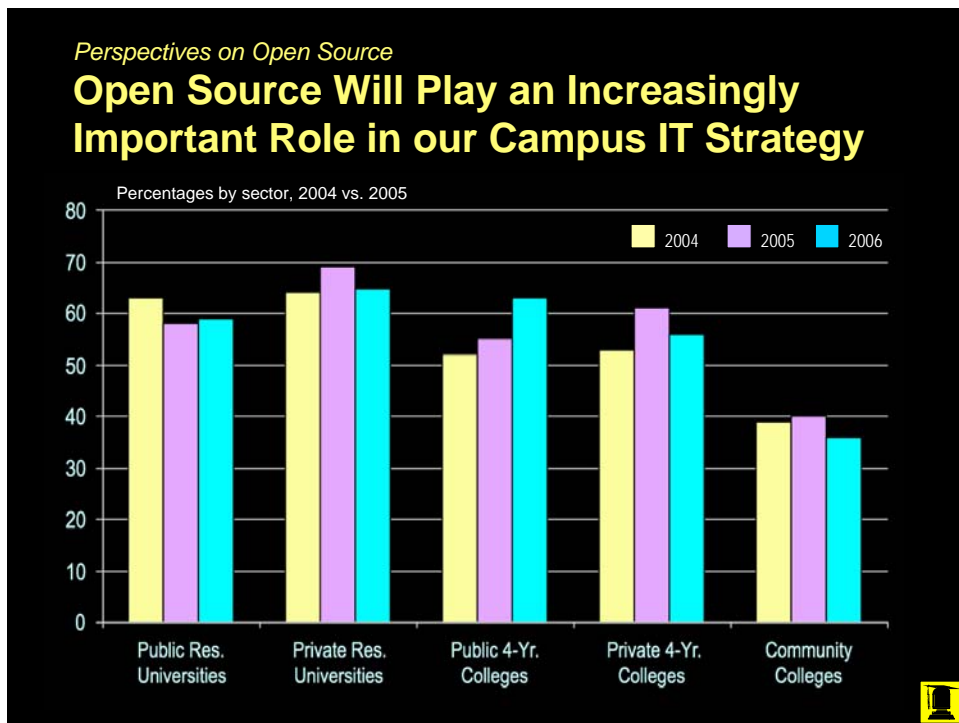
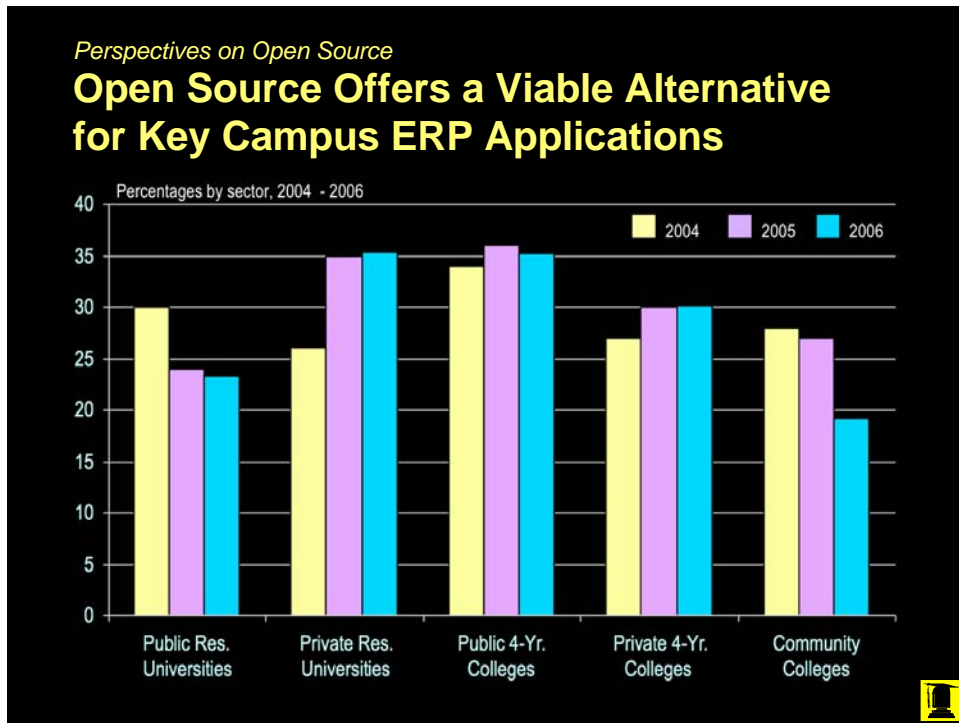
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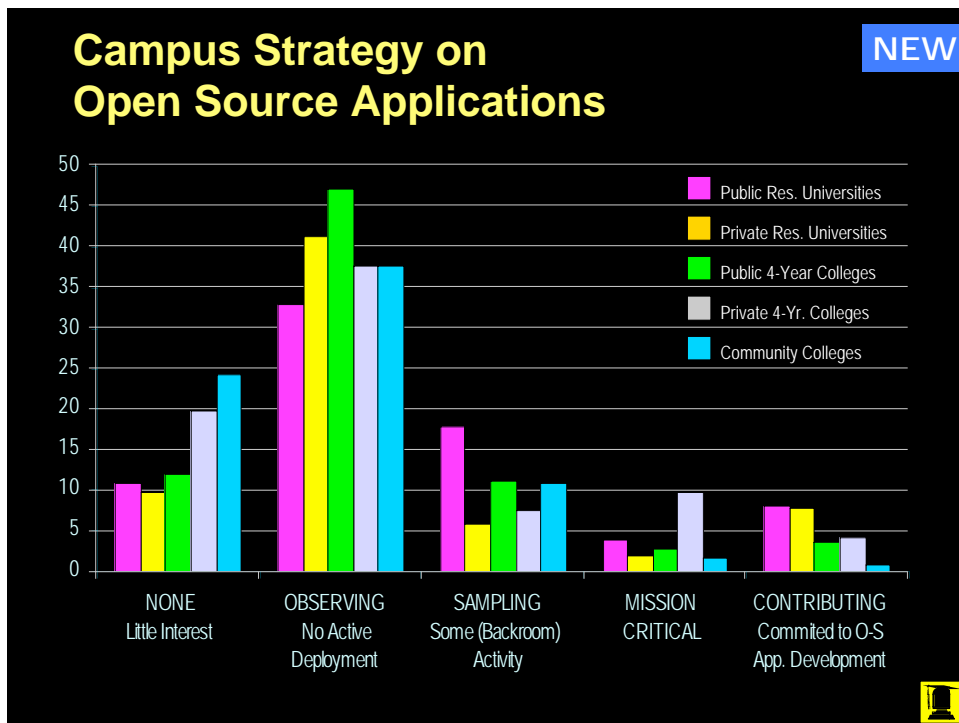
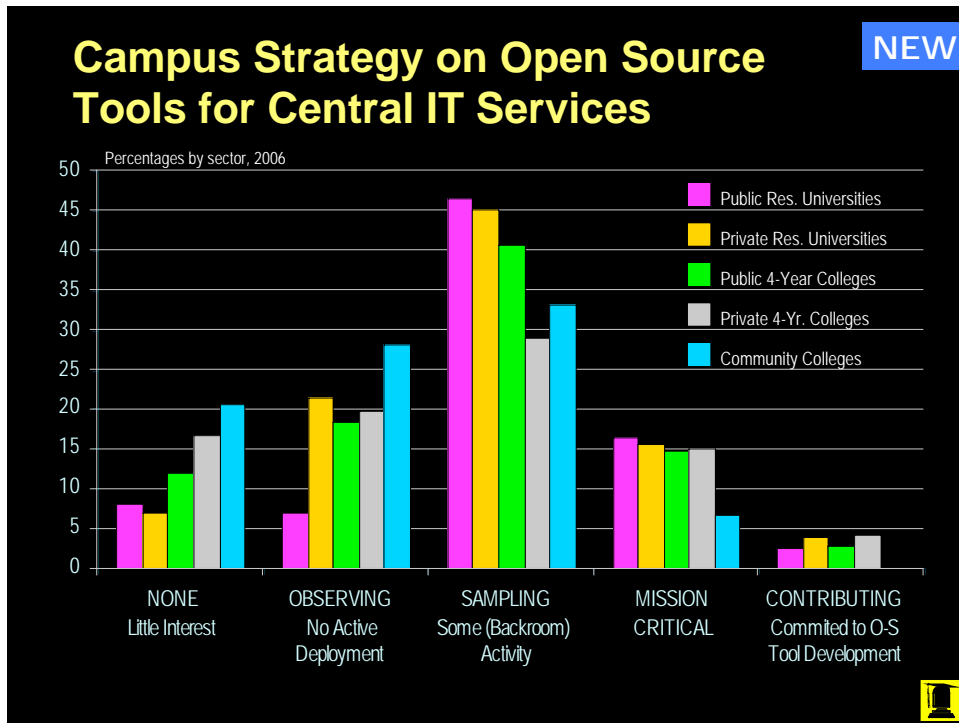
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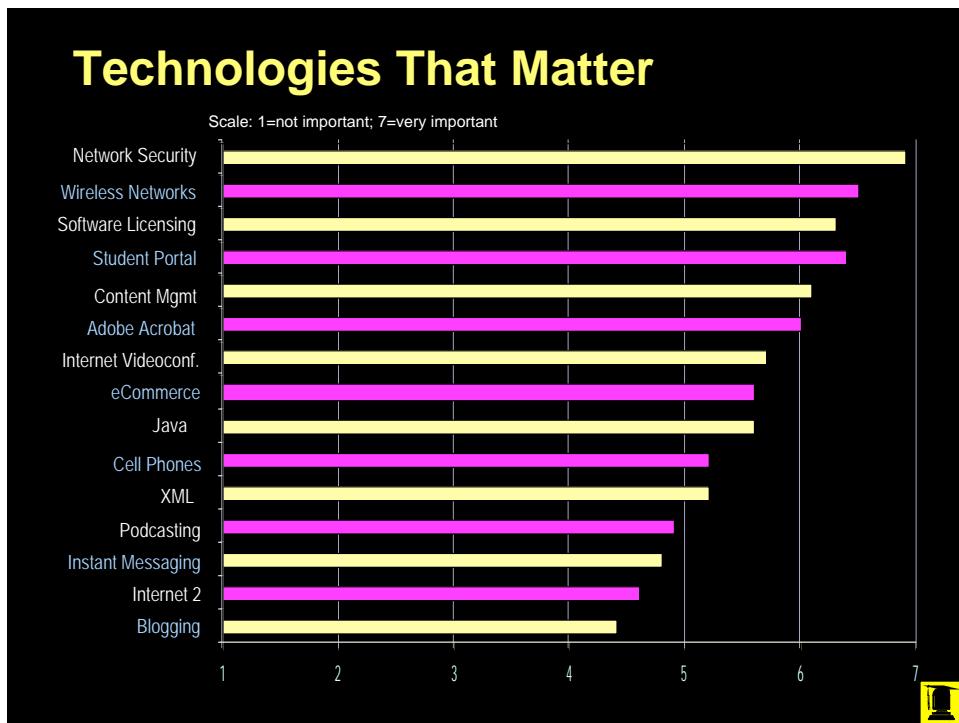
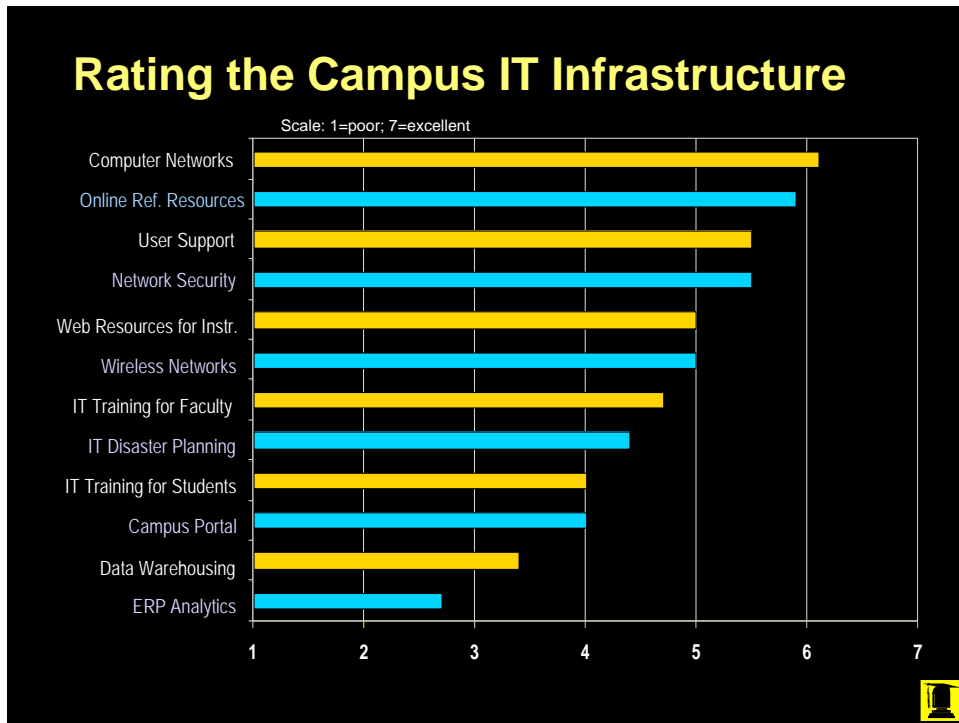
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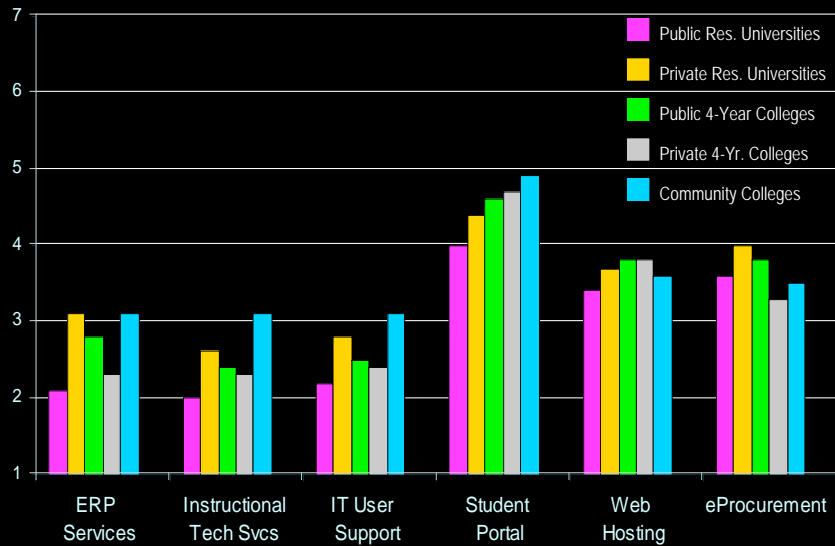


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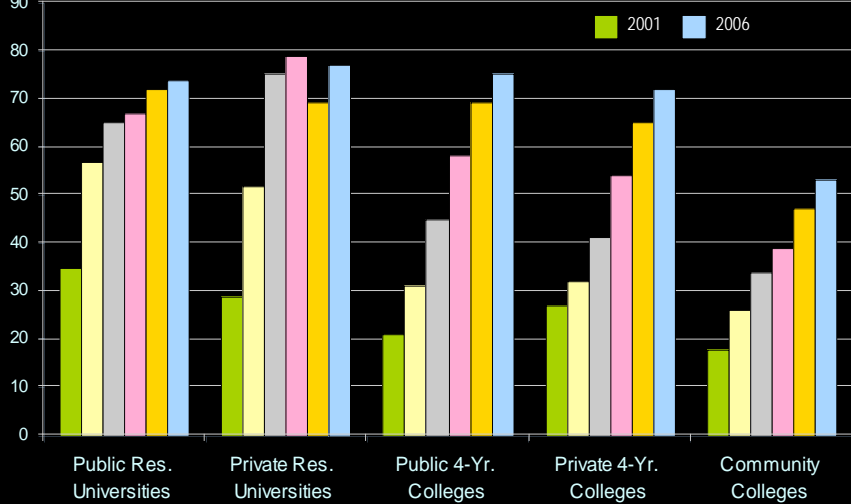
Rating the Importance of Outsourcing

Scale: 1=not important; 7=very important



Strategic Plan for Wireless Networks

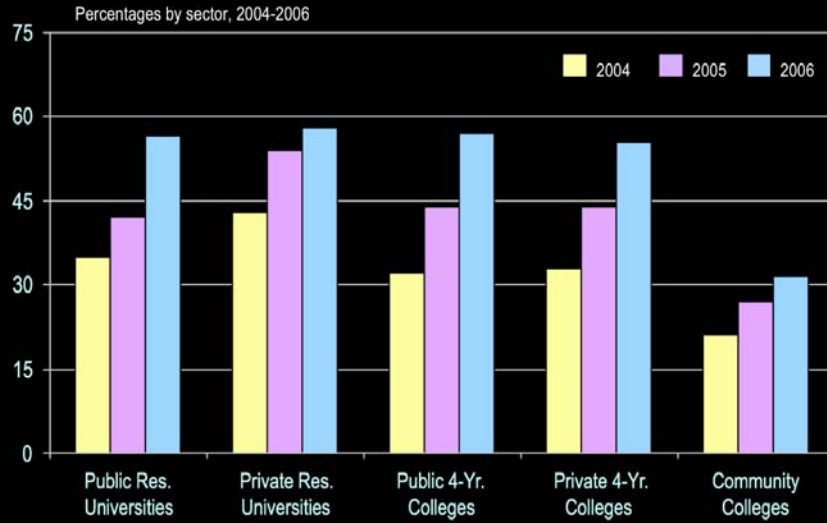
Percentages by sector, 2001-2006



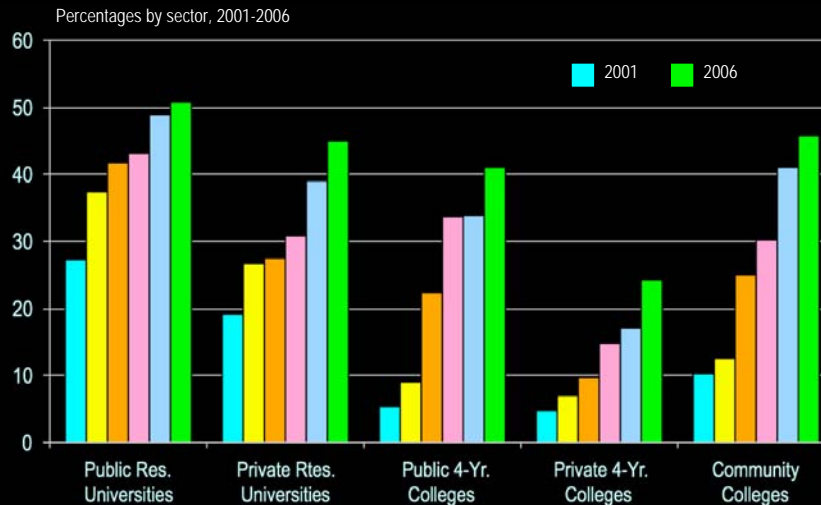
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Wireless Classrooms

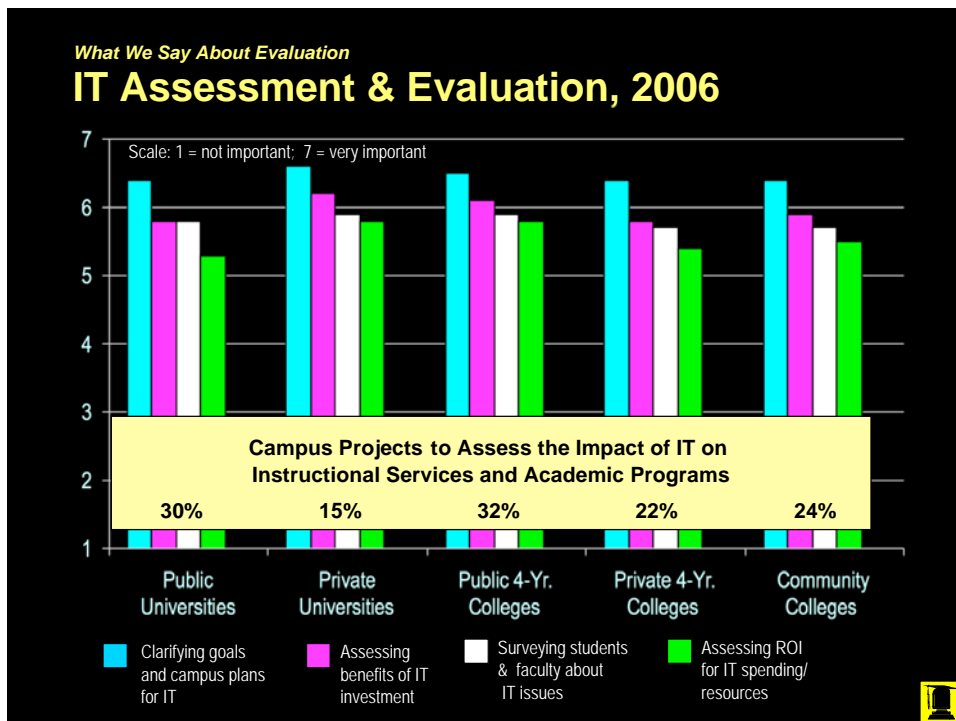
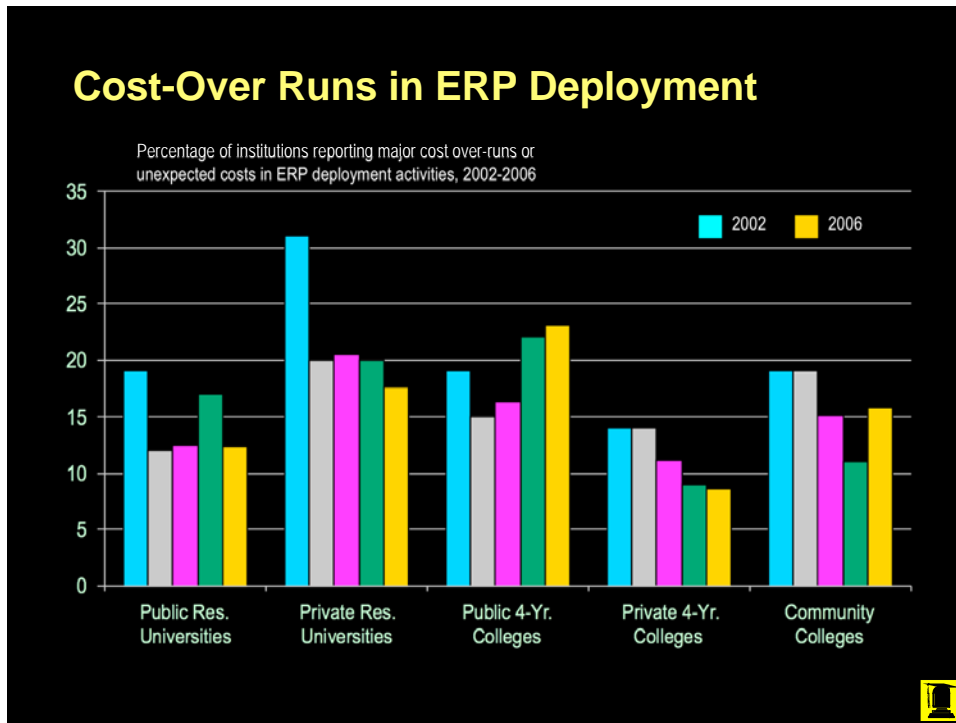


VoIP on Campus

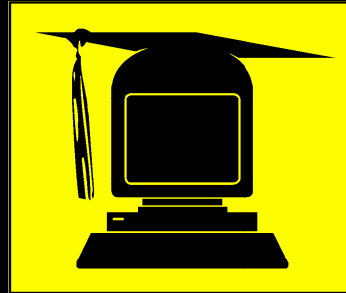


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Some Key IT Issues



Defining Issues?

- ◆ Why don't faculty do more with technology?
- ◆ Why don't colleges make better use of IT?
- ◆ *And...* why don't colleges assess the impact of their IT investments!



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Bring Data!

“Back in Texas we like to say ‘In God we trust; all others bring data.’”

Margaret Spellings, Sec. of Education



TRUE SOURCE:

“In God we trust; all others bring data.”

W. Edwards Deming

WHAT “Bring Data” MEANS FOR IT ON CAMPUS

“Campus investments in IT play a critical role in the new world order of assessment and outcome mandates.”

Green/DIGITAL TWEED, June 2005



The Spellings Commission

- ◆ Focus on “access, affordability & accountability”
- ◆ Aggregating two decades of research, reports, and critiques
- ◆ Spellings moving on “low-hanging fruit”
- ◆ *Impact on IT: new role in assessment and outcomes*



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Affiliated Campus Computing Projects

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