

Campus Computing 2009

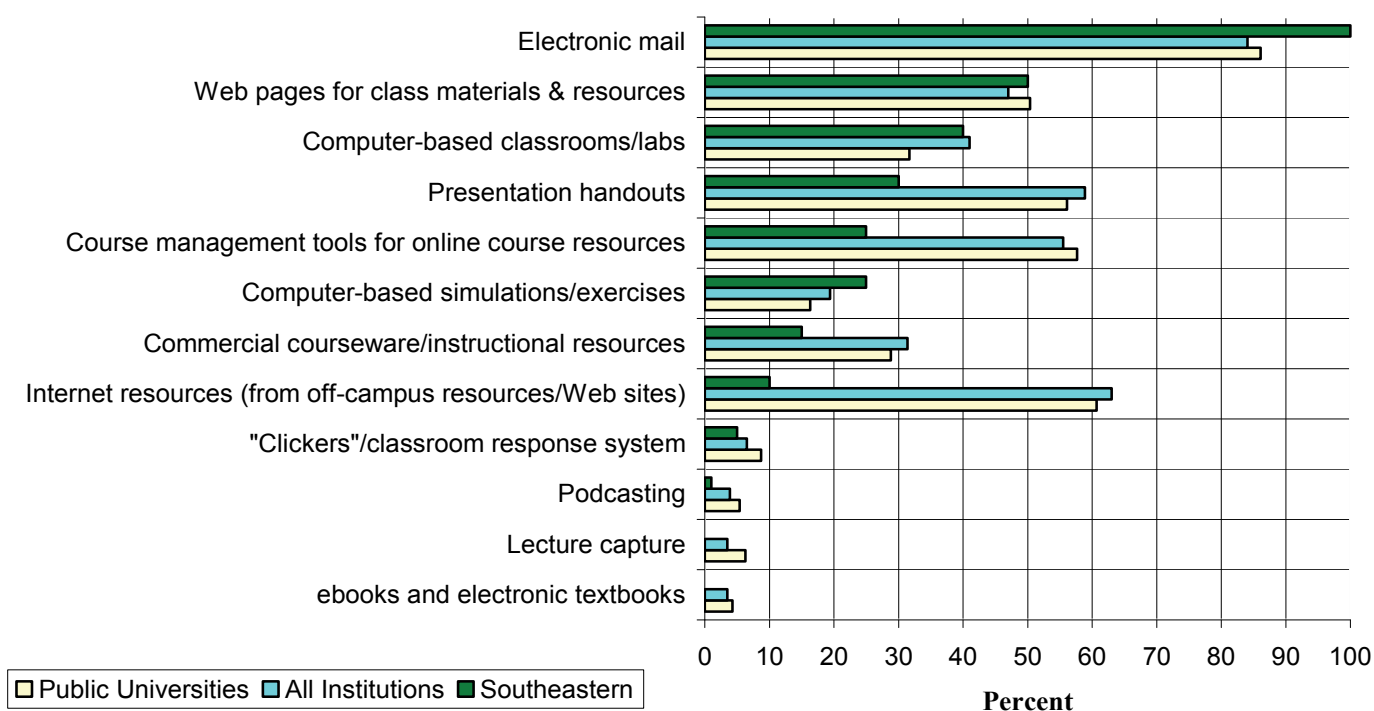
Executive Summary

The Campus Computing Survey, a part of the Campus Computing Project, is an annual national survey of information technology in higher education. The survey focuses primarily on academic computing issues. Southeastern Louisiana University submitted the 2009 Campus Computing Survey in October 2009. This report shows a comparison of campus computing at Southeastern at that time with Public Universities and All Institutions who responded, based on the 2009 Campus Computing Survey.

Uses of Information Technology

- Southeastern rates higher than All Institutions and Public Universities in use of *electronic mail*, and *computer based simulations/exercises*. Southeastern also rates higher than all Public Universities in the use of *Computer-based classrooms/labs*.

Percentage of Classes Using Computer Facilities and Resources

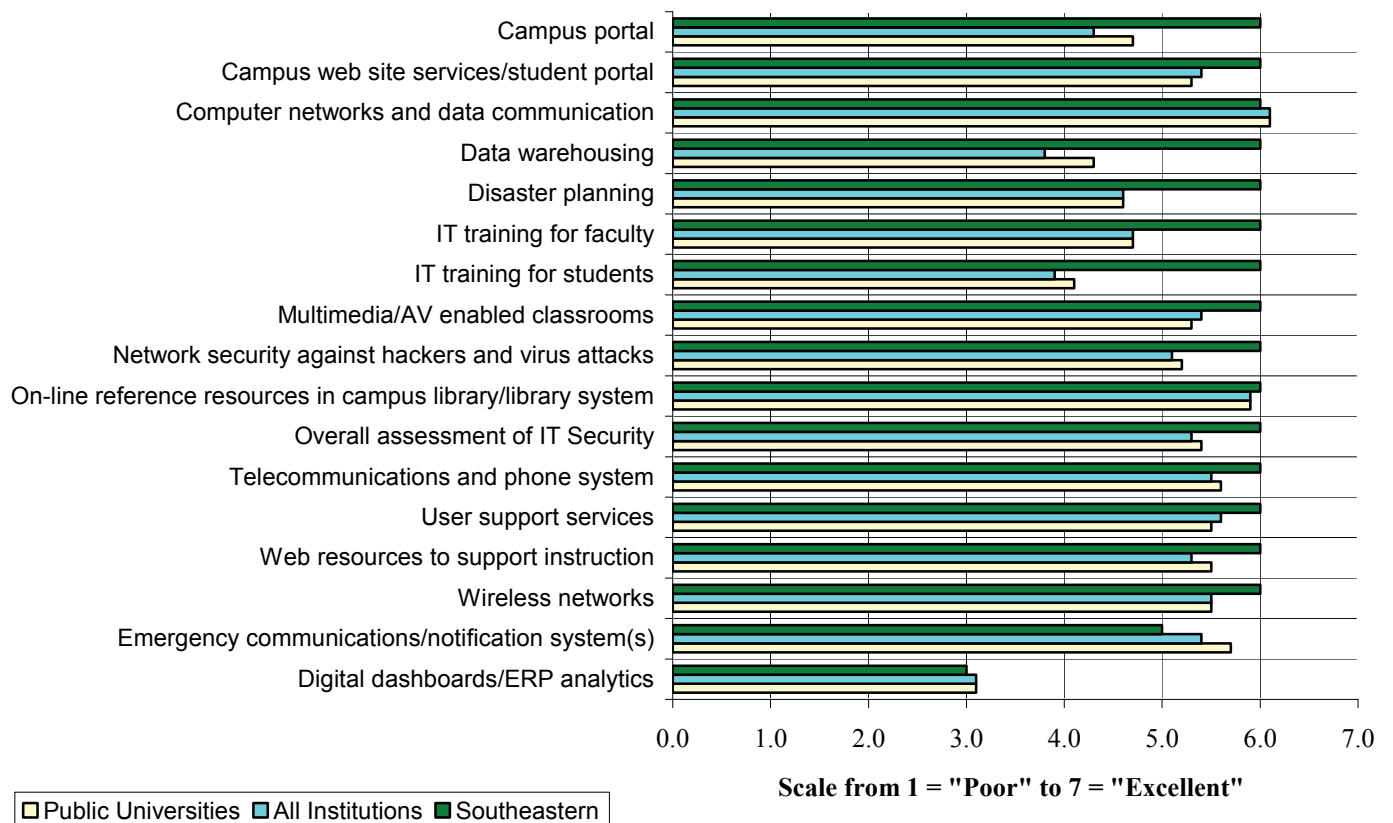


Points of Excellence

- While many institutions experienced security incidents such as *theft of computer(s) containing confidential data files*, *hack/attack on the campus network*, *identity management issues*, *major computer virus infestation*, *major spyware infestation*, and *explores/loss of sensitive data in distributed environment*, Southeastern did not experience any security incidents.

- Southeastern ranked very well in the comprehensiveness of its Web site, providing most of the academic resources and services to students, faculty and staff. *Admission and financial aid applications, course catalog, course registration, fee payment, student ePortfolios, on-line courses, library catalog, and IT support resources and training* are just some of the resources and services available through Southeastern's Web site.
- Southeastern is among 40.8% of All Institutions and 27.6% of Public Universities that require computer instruction or competency for all undergraduate students.
- The technology infrastructure at Southeastern is outstanding. In all but two categories, Southeastern rates better than the average rate of All Institutions and Public Universities.

The Technology Infrastructure

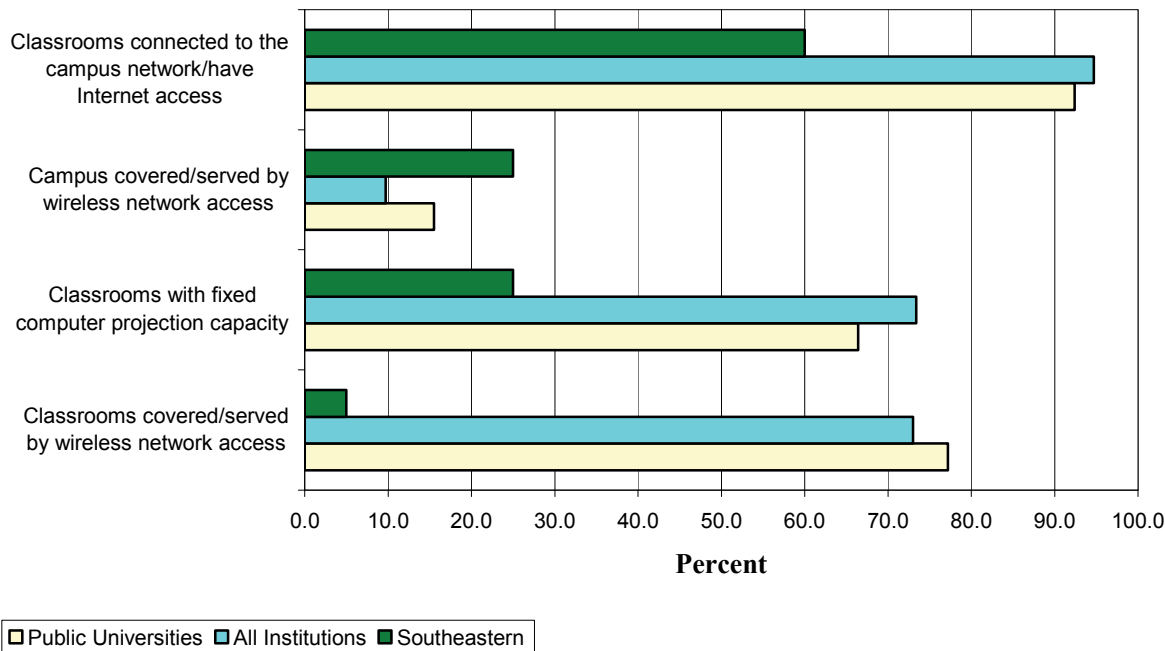


Areas for Improvement

- The *number of network servers* at Southeastern is quite low. While Southeastern has 50 network servers, the average of All Institutions have 234 and Public Universities have 752 network servers.
- The average *number of FTE help desk/technical support personnel* at All Institutions is 40.3 and at Public Universities is 131.8, while Southeastern has only 20. The *ratio user support (enrollment/help desk)* at Southeastern is 672.4 students to 1 help desk person, while the ratio at All Institutions is 268:2 and at Public Universities is 190:5.
- While campus network and Internet access are provided to all faculty and available in all dormitories at Southeastern, the percentage of overall campus and classrooms covered by wireless network

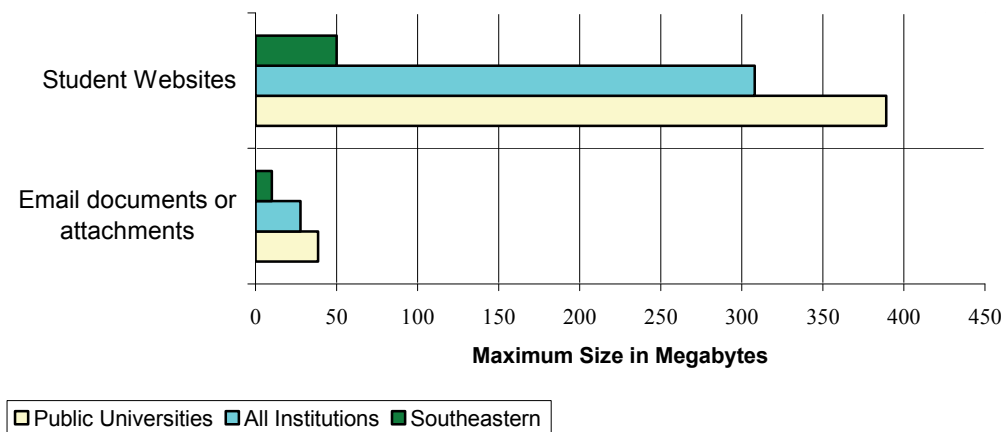
access is quite low. Only 25% (greater than All Institutions and Public Institutions) of overall campus and 5% (well below All Institutions and Public Institutions) of the classrooms are covered or served by wireless network access.

Network Connections and Instructional Infrastructure



- Southeastern limits the file size of email documents or attachments to a maximum of 10 MB. The average maximum file size at All Institutions is 27.8 MB and at Public Universities is 38.6 MB.
- Students at Southeastern are allowed to have a Web site with a maximum size of 50 MB. The average size at All Institutions is 308 MB and at Public Universities is 389 MB.

Web and Networking



Campus Computing 2009

	Southeastern	All Institutions	Public Universities
Number of Respondents	1	500	76
General Campus Policies About Desktop Computers			
Does your Institution have:		% Yes	% Yes
A formal policy promoting or mandating computers/technology resources for			
Curriculum utilization?	No	31.4 %	35.5 %
Undergraduates?	No	36.6 %	42.1 %
Graduate/professional students?	No	21.0 %	42.1 %
Distance education?	No	35.6 %	43.4 %
A computer instruction/competency, technology/information literacy requirement for		% Yes	% Yes
All undergraduates?	Yes	40.8 %	27.6 %
All faculty?	No	9.6 %	5.3 %
All administrators?	No	8.2 %	2.6 %
All staff?	No	9.8 %	5.3 %
A special computer use/technology fee or annual/term computer use charge for all students?	Yes	57.4 %	81.6 %
Average annual computer use fee (where charged)	\$100	\$149	\$174
A written policy/code of conduct/acceptable use policy for		% Yes	% Yes
Campus e-mail accounts?	Yes	98.2 %	98.7 %
Campus-hosted individual/personal Web pages?	Yes	78.8 %	90.8 %
Duplication of copyrighted software/software piracy?	Yes	96.8 %	100.0 %
Fair use of copyrighted content (books, articles, etc.)?	Yes	93.0 %	94.7 %
Downloading commercial music/videos from the web?	Yes	88.0 %	93.4 %
Student use of social networking sites (Facebook, MySpace, etc.)?	No	17.6 %	13.2 %
Operating systems recommended/supported		% Yes	% Yes
Mac OS X	Yes	91.2 %	98.7 %
UNIX	Yes	59.0 %	81.6 %
Linux	Yes	73.4 %	90.8 %
Windows NT Workstation	Yes	14.0 %	23.7 %
Windows 2000/XP	Yes	97.4 %	97.4 %
Windows Vista	No	68.8 %	80.3 %
Open VMS	Yes	10.0 %	10.5 %
Sun/Open Solaris	No	42.4 %	76.3 %
Novell	Yes	24.4 %	34.2 %
None (No O/S Recommendation)		0.6 %	1.3 %

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	Southeastern	All Institutions	Public Universities
General Campus Policies About Desktop Computers (Continued)			
Does your institution require or strongly recommend			
Computer for all undergraduate students?			
No		46.2 %	38.2 %
Recommend	Recommend	46.8 %	54.0 %
Require		7.0 %	7.9 %
Computer for undergraduates in specific disciplines or academic programs?			
No		38.2 %	10.5 %
Recommend	Recommend	43.2 %	52.6 %
Require		18.6 %	36.8 %
Smart phones for undergraduates in specific disciplines or academic programs?			
No		85.8 %	75.0 %
Recommend	Recommend	10.8 %	21.1 %
Require		3.4 %	4.0 %
iPods or other multi-media devices in specific disciplines/academic programs			
No	No	86.8 %	73.7 %
Recommend		10.2 %	23.7 %
Require		3.0 %	2.6 %
Cell phones for all students?			
No	No	88.4 %	89.5 %
Recommend		11.6 %	10.5 %
Require		0.0 %	0.0 %
Smart phones for all students?			
No	No	96.6 %	96.1 %
Recommend		3.4 %	4.0 %
Require		0.0 %	0.0 %
Does your institution (or individual units) recommend a particular brand or product for			
Hardware		% Yes	% Yes
students?	Yes	45.9 %	44.7 %
faculty?	Yes	82.6 %	63.2 %
administrators/staff?	Yes	84.2 %	67.1 %

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
General Campus Policies About Desktop Computers (Continued)			
Does your institution (or individual units) recommend a particular brand or product for		% Yes	% Yes
Software			
students?	No	74.3 %	72.4 %
faculty?	Yes	91.4 %	78.9 %
administrators/staff?	Yes	92.2 %	80.3 %
As of fall 2009, will your campus have "preferred provider" agreements with technology companies that include online hardware and software resale programs linked to your campus web site?			
No	X	22.4 %	11.8 %
Yes, hardware			
Acer		0.4 %	1.3 %
Apple		55.7 %	80.3 %
Dell		60.9 %	81.6 %
Gateway		3.0 %	10.5 %
HP/Compaq		24.4 %	39.5 %
Lenovo		17.2 %	30.3 %
Sony		1.8 %	6.6 %
Sun		5.2 %	11.8 %
Toshiba		2.8 %	3.9 %
Yes, software			
Adobe		49.1 %	68.4 %
Apple		43.3 %	67.1 %
Microsoft		70.5 %	85.5 %
Statistical Software		42.1 %	73.7 %
Virus protection/spyware products		58.1 %	80.3 %
As of Fall 2009, will your institution have an initial or single sign-on campus portal?			
Campus portal not available as of Fall 2009		12.2 %	6.6 %
Portal issue under discussion/review		9.6 %	2.6 %
Portal being installed/under development in 2009/10	X	13.4 %	10.5 %
Campus portal up and functioning for Fall 2009		64.8 %	80.3 %

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	Southeastern	All Institutions	Public Universities
General Campus Policies About Desktop Computers (Continued)			
Our campus portal is/will be:		% Yes	% Yes
Homegrown/local		16.6 %	8.6 %
Blackboard/WebCT		6.8 %	7.1 %
Campus Cruiser		1.4 %	0.0 %
Campus Management		0.2 %	0.0 %
eCollege		0.2 %	0.0 %
Google Sites		0.7 %	0.0 %
Jenzabar		6.8 %	0.0 %
Oracle/People Soft	X	9.6 %	21.4 %
SunGard Higher Ed/Luminis-Campus Pipeline		25.5 %	31.4 %
Sun Microsystems Portal		0.5 %	1.4 %
Time Cruiser		0.2 %	0.0 %
Unicon/Academus		0.5 %	0.0 %
uPortal		7.3 %	14.3 %
Other		23.7 %	15.7 %
Uses of Information Technology			
How strongly do you agree or strongly agree:		% Agree or Strongly Agree	% Agree or Strongly Agree
Faculty have unreasonable expectations about user support	Agree	45.1 %	35.5 %
Technology has improved instruction on my campus	Strongly Agree	94.2 %	97.4 %
We plan to require all students to own a computer by Fall 2009	Strongly Disagree	9.6 %	13.2 %
Access to Internet 2 by Fall 2010 is essential to our long-term tech needs	Strongly Disagree	35.5 %	85.5 %
Access to National Lambda Rail by Fall 2010 is essential to our long-term technology needs	Strongly Disagree	18.7 %	57.9 %
We are experiencing major cost over-runs/unexpected costs in our ERP deployment activities	Strongly Agree	18.2 %	19.7 %
Open source offers a viable alternative for key campus ERP applications	Disagree	27.9 %	30.3 %
Open source will play an increasing important role in our campus IT strategy	Strongly Agree	58.7 %	67.1 %

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	Southeastern	All Institutions	Public Universities
Uses of Information Technology (Continued)			
How strongly do you agree or strongly agree:		% Agree or Strongly Agree	% Agree or Strongly Agree
eBook content will be an important source for instructional resources in five years	Disagree	76.3 %	77.6 %
eBook readers (hardware) will be important platforms for instructional content in five years	Agree	66.0 %	68.4 %
Federal economic stimulus funds will help sustain IT resources at my campus	Agree	22.2 %	33.3 %
The single most important IT issue over the next 2 or 3 years is:		% Most Important	% Most Important
Providing online/distance education via the web	X	9.8 %	6.6 %
Providing adequate user support		10.6 %	5.3 %
Assisting faculty integrate technology into instruction		11.2 %	7.9 %
Financing replacement of aging hardware/software		14.8 %	15.8 %
Integrating academic and administrative IT services		4.8 %	7.9 %
Providing student portal services		2.4 %	0.0 %
Network and data security		16.2 %	10.5 %
Hiring/retaining qualified IT staff		10.2 %	13.2 %
Upgrading/replacing administrative IT/ERP systems		10.4 %	15.8 %
Upgrading/replacing campus network		5.8 %	7.9 %
Upgrading/replacing emergency communications		0.4 %	0.0 %
Cloud Computing		3.4 %	9.2 %
Current IT/Computer Facilities and Resources		Average	Average
Headcount enrollment on campus as of May 2009	13,447	10,810	25,110
Number of institution owned desktop or notebook computers	4,800	3,963	11,678
Number of institution owned Unix workstations	15	158	730
Number of personally owned computers used on campus	350	4,727	15,693
Proportion of individuals who own desktop or notebook computers			
Students			
Desktops	25 %	35.7 %	31.9 %
Notebooks	25 %	62.6 %	70.3 %
Faculty			
Desktops	60 %	61.2 %	69.7 %
Notebooks	20 %	42.3 %	44.6 %

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	Southeastern	All Institutions	Public Universities
Current IT/Computer Facilities and Resources (Continued)			
Number of desktop computer labs, clusters and classrooms as of May 2009	53	102	198
How many dedicated to departments or units?	30	43	89.5
Number of desktop computers/workstations in all labs/classrooms/clusters			
Notebook/Desktop Computers	1,600	1,087	2,191
Unix Workstations	0	43	174
Total number of network servers on your campus	50	234	752
Percentage of campus servers managed by			
Central IT Services	100 %	85.4 %	61.8 %
Individual departments/labs/units	0 %	12.7 %	38.0 %
Percentage of operating systems installed on institutionally-owned computers and servers			
Computers/clients			
Mac	3 %	14.7 %	15.6 %
Windows 2000/XP	84 %	70.8 %	61.6 %
Windows Vista	1 %	9.4 %	12.7 %
Unix	1 %	1.6 %	3.5 %
Linux	11 %	3.0 %	4.9 %
Network servers			
Mac	0 %	2.9 %	3.8 %
Windows 2000/03	35 %	60.9 %	48.4 %
Solaris/Open Solaris	0 %	6.2 %	12.6 %
Unix (non-Solaris)	5 %	5.8 %	10.2 %
Linux	35 %	15.3 %	19.7 %
Novell	25 %	5.4 %	3.9 %
Total Number (FTE) of IT help desk/technical support personnel	20	40.3	131.8
Ratio user support (enrollment/help desk)	672.4	268.2	190.5
Percentage of faculty with individual/personal Web page	1.0 %	29.7 %	37.0 %
Percent of your faculty have taught an online course (80% of content online):			
Full-time faculty	19.0 %	17.3 %	16.9 %
Part-time faculty	14.0 %	15.5 %	17.7 %
Percentage of classes that use:			
Computer-based classrooms/labs	40 %	41.0 %	31.7 %
Computer-based simulations/exercises	25 %	19.4 %	16.3 %
Presentation handouts	30 %	58.9 %	56.1 %
Electronic mail	100 %	84.1 %	86.1 %

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	Southeastern	All Institutions	Public Universities
Percentage of classes that use (Continued):			
Web pages for class materials & resources	50 %	47.0 %	50.4 %
Wikis / blogs	0 %	8.1 %	8.9 %
Online video resources	0 %	14.0 %	12.9 %
Commercial courseware/instructional resources	15 %	31.4 %	28.8 %
Internet resources (from off-campus resources/Web sites)	10 %	63.0 %	60.7 %
Course management tools for online course resources	25 %	55.5 %	57.7 %
"Clickers"/classroom response system	5 %	6.5 %	8.7 %
Podcasting	1 %	3.9 %	5.4 %
ebooks and electronic textbooks	0 %	3.5 %	4.3 %
Lecture capture	0 %	3.5 %	6.3 %
Academic & Instructional Computing Policies, Procedures and Resources			
Does your campus/institution		% Yes	% Yes
Provide support for faculty developing instructional software/courseware?	Yes	76.6 %	85.5 %
Provide support for faculty developing software for their research?	Yes	43.4 %	60.5 %
Have a program for rewarding courseware development?	No	38.0 %	48.7 %
Have a technology resource center focusing on instructional use of IT?	Yes	81.0 %	89.5 %
Have a formal plan for using Internet for marketing to off-campus audiences?	Yes	76.0 %	81.6 %
Have a formal program to reward the use of IT in faculty review/promotion process?	No	19.2 %	15.8 %
Maintain library of academic courseware?	No	28.0 %	34.2 %
Have a formal program assessing the impact of IT on instruction?	No	24.6 %	35.5 %
Have a formal policy regarding ownership of Web-based resources developed by faculty?	Yes	56.4 %	77.6 %
Assess impact of IT on instructional services and academic programs	No	42.0 %	43.4 %
Charge students for access to digital content (online reserves, course packets, etc.)?	No	7.0 %	9.2 %
Recycle most (60% or more) of the institution's used/obsolete computers?	Yes	89.6 %	86.8 %
Inform students about privacy issues related to social networking sites?	No	59.8 %	68.4 %
Maintain a campus page on Facebook	No	68.4 %	69.7 %
Maintain a campus page on MySpace	No	27.8 %	32.9 %
Have institutional presence on Second Life	No	29.2 %	53.9 %
Have institutional presence on YouTube	No	55.4 %	66.7 %
Have institutional presence on iTunesU	No	48.6 %	77.3 %
Maintain a public campus Wiki	No	22.8 %	31.6 %
Maintain an institutional account on Twitter	No	51.6 %	61.8 %
Have a campus/department license for antiplagiarism software?	No	61.5 %	68.4 %

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	Southeastern	All Institutions	Public Universities
Academic & Instructional Computing Policies, Procedures and Resources (Continued)			
Does your institution have a strategic plan for:			
Information technology?			
no		4.4 %	7.9 %
currently preparing a plan	currently preparing a plan	22.6 %	22.4 %
yes		73.0 %	69.7 %
Does your institution have a strategic plan for:			
Instructional technology/instruction integration?			
no		19.2 %	14.5 %
currently preparing a plan	currently preparing a plan	26.2 %	19.7 %
yes		54.6 %	65.8 %
Deploying course management tools?			
no		20.0 %	10.5 %
currently preparing a plan	currently preparing a plan	15.2 %	11.8 %
yes		64.8 %	77.6 %
Distance education?			
no		30.6 %	23.7 %
currently preparing a plan		21.6 %	26.3 %
yes	yes	47.8 %	50.0 %
Campus portal services?			
no		24.6 %	18.4 %
currently preparing a plan	currently preparing a plan	23.4 %	19.7 %
yes		52.0 %	61.8 %
Wireless networks?			
no		8.8 %	7.9 %
currently preparing a plan		13.4 %	10.5 %
yes	yes	77.8 %	81.6 %
Web services (integration/deployment)?			
no		19.2 %	19.7 %
currently preparing a plan	yes	22.4 %	23.7 %
yes		58.4 %	56.6 %
Network security?			
no		6.8 %	2.6 %
currently preparing a plan	currently preparing a plan	19.4 %	15.8 %
yes		73.8 %	81.6 %

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	Southeastern	All Institutions	Public Universities
Academic & Instructional Computing Policies, Procedures and Resources (Continued)			
IT disaster recovery?			
no		5.0 %	1.3 %
currently preparing a plan		33.0 %	26.3 %
yes	yes	62.0 %	72.4 %
Does your institution have a strategic plan for:			
Administrative Systems/ERP upgrade/replacement?			
no		13.6 %	6.6 %
currently preparing a plan	currently preparing a plan	15.2 %	13.2 %
yes		71.2 %	80.3 %
Digital content management?			
no		38.6 %	29.0 %
currently preparing a plan	currently preparing a plan	31.8 %	32.9 %
yes		29.6 %	38.2 %
Data warehousing			
no	no	34.0 %	14.5 %
currently preparing a plan		30.0 %	36.8 %
yes		36.0 %	48.7 %
Business intelligence/analytics			
no	no	43.4 %	25.0 %
currently preparing a plan		33.6 %	43.4 %
yes		23.0 %	31.6 %
Open Source deployment and development			
no	no	66.4 %	59.2 %
currently preparing a plan		18.2 %	25.0 %
yes		15.4 %	15.8 %
Podcasting course lectures/resources			
no	no	37.2 %	22.4 %
currently preparing a plan		34.6 %	35.5 %
yes		28.2 %	42.1 %
Emergency communication/notification			
no		3.6 %	2.6 %
currently preparing a plan	currently preparing a plan	16.2 %	10.5 %
yes		80.2 %	86.8 %

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	Southeastern	All Institutions	Public Universities
Academic & Instructional Computing Policies, Procedures and Resources (Continued)			
Does your institution have a strategic plan for:			
Digital preservation/data archiving			
no		32.8 %	25.0 %
currently preparing a plan	currently preparing a plan	40.4 %	46.1 %
yes		26.8 %	29.0 %
Cellular phones/mobile devices			
no	no	45.0 %	46.1 %
currently preparing a plan		25.0 %	25.0 %
yes		30.0 %	29.0 %
"Web 2.0" resources and services			
no	no	54.0 %	46.1 %
currently preparing a plan		34.6 %	44.7 %
yes		11.4 %	9.2 %
Cloud Computing			
no		55.3 %	36.8 %
currently preparing a plan	currently preparing a plan	35.8 %	48.7 %
yes		8.9 %	14.5 %
Server Virtualization			
no		13.0 %	6.6 %
currently preparing a plan		27.3 %	30.3 %
yes	yes	59.7 %	63.2 %
508 accessibility/compliance for Web pages/resources			
no		32.4 %	19.7 %
currently preparing a plan	currently preparing a plan	30.2 %	29.0 %
yes		37.4 %	51.3 %
Email and document archiving to address eDiscovery			
no	no	38.8 %	32.9 %
currently preparing a plan		40.2 %	40.8 %
yes		21.0 %	26.3 %

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	Southeastern	All Institutions	Public Universities
Academic & Instructional Computing Policies, Procedures and Resources (Continued)			
Has your institution established a single product standard for:			
Desktop/notebook computer operating system?			
No	No	76.0 %	100.0 %
Macintosh		0.4 %	0.0 %
Windows 2000/XP		20.4 %	0.0 %
Windows Vista		3.2 %	0.0 %
Linux		0.0 %	0.0 %
Has your institution established a single product standard for:			
Desktop/notebook product or manufacturer?			
No	No	71.2 %	92.1 %
Acer		0.0 %	0.0 %
Apple		1.0 %	0.0 %
Dell		18.2 %	6.6 %
Gateway		0.4 %	0.0 %
HP/Compaq		6 %	0.0 %
Lenovo		2.6 %	1.3 %
Sony		0.0 %	0.0 %
Toshiba		0.0 %	0.0 %
Other		0.6 %	0.0 %
Course management system?			
No		8.0 %	11.8 %
Angel		7.4 %	1.3 %
Blackboard/WebCT	Blackboard	55.6 %	65.8 %
eCollege		7.0 %	5.3 %
Desire2Learn		1.0 %	0.0 %
Moodle		11.8 %	5.3 %
Sakai		3.6 %	9.2 %
Other		5.6 %	1.3 %
What academic resources/services are on your campus Web site?		% Yes	% Yes
Undergraduate admissions applications	Yes	98.6 %	100.0 %
Financial aid application	Yes	93.6 %	96.1 %
Current course catalog	Yes	99.6 %	100.0 %
Program/major/degree requirements	Yes	98.4 %	100.0 %

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	Southeastern	All Institutions	Public Universities
Academic & Instructional Computing Policies, Procedures and Resources (Continued)			
What academic resources/services are on your campus Web site?		% Yes	% Yes
Course registration	Yes	96.6 %	100.0 %
Course add/drop options	Yes	91.2 %	100.0 %
E-commerce (fee payments, etc.)	Yes	90.2 %	98.7 %
On-line courses (i.e., full course online)	Yes	80.4 %	97.4 %
Student ePortfolios	Yes	41.0 %	46.1 %
Library/card catalog	Yes	95.4 %	98.7 %
Interlibrary loan services	Yes	90.0 %	98.7 %
Journals and reference resources	Yes	94.2 %	100.0 %
Course reserves	Yes	66.8 %	84.2 %
Student transcripts	Yes	90.6 %	96.1 %
Degree audit software	Yes	76.6 %	81.6 %
IT support resources	Yes	95.6 %	100.0 %
IT training/tutorials	Yes	88.0 %	94.7 %
IT self-help resources	No	63.6 %	68.4 %
Instructional software	Yes	66.4 %	93.4 %
Desktop software (MS Office, etc.)	No	56.0 %	78.9 %
Faculty/staff directory	Yes	98.4 %	100.0 %
Campus dining services	Yes	72.2 %	93.4 %
Campus housing services	Yes	67.6 %	96.1 %
Student health services	Yes	62.4 %	85.5 %
Student newspaper	Yes	75.4 %	90.8 %
Student handbook	Yes	94.4 %	96.1 %
Athletic event schedule	Yes	90.0 %	96.1 %
Alumni information/services	Yes	92.8 %	97.4 %
Press releases/media services	Yes	97.2 %	100.0 %
Campus book store	Yes	91.4 %	92.1 %
Computer resale services	Yes	35.6 %	53.9 %
Campus calendar	Yes	78.4 %	80.3 %
Personalized student calendar	Yes	54.0 %	60.5 %
Campus OneCard account services	Yes	48.8 %	78.9 %
Digital Music Service (Napster, etc.)	No	12.6 %	27.6 %

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
Future Issues Affecting Campus Computing			
How important are the following to campus computing and IT planning over the next 2-3 years? (Scale from 1 ="Not Important" to 7 ="Very Important")		Average	Average
Operating system/interface/development tools			
Windows XP	7	4.5	4.1
Windows Vista	6	3.2	4.0
Windows 7	6	6.1	6.2
Windows Server	5	6.3	6.3
Macintosh OS X (client)	4	5.3	5.4
Macintosh OS X (server)	1	3.8	4.1
Solaris/Open Solaris	1	3.1	4.4
Unix	6	4.1	5.2
Linux (client)	5	3.5	4.4
Linux (server)	6	5.2	6.1
O/S Interoperability	4	5.4	5.7
Hardware			
Notebook computers	7	6.3	6.3
Netbook computers	4	4.7	4.8
Thin client computers	4	4.3	4.4
Unix workstations	5	2.5	3.6
Tablet computers	6	3.9	4.2
Cellular/mobile phones	3	5.4	5.9
Smart phones	2	5.4	5.9
WiFi 3G enabled cell phones	2	5.2	5.8
iPods/MP3 players	2	4.4	4.9
Instructional applications and resources			
Developing instructional software	7	4.2	4.4
Using instructional software in classes	7	6.1	6.2
Using instructional software as a supplement to classes	7	6.2	6.4
Computer-based classroom presentation facilities	7	6.5	6.5
Internet resources for instruction	7	6.5	6.5
Web pages for classes	7	5.7	6.0
Web-based tutorials	7	5.6	5.9

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
Future Issues Affecting Campus Computing (Continued)			
e-Books (e-textbooks)	7	4.9	4.8
Course / learning management systems	7	6.6	6.7
Instructional applications and resources			
On-line course evaluation	7	5.9	6.2
Classroom "clickers"	5	4.8	5.4
Lecture capture	5	5.0	5.7
Wireless access in campus classrooms	5	6.2	6.4
User support services/campus IT services			
On-line IT training	7	5.4	5.6
On-line technical support	7	5.9	6.1
Computer resale program	7	3.0	3.2
Computer repair services	7	4.4	3.9
Help-desk services	7	6.6	6.6
Alumni e-mail accounts	7	4.5	5.0
Alumni services via the campus Web site	7	5.2	5.2
Student eProfiles	7	5.0	5.2
Networking & Internet/Web issues & resources			
Wireless networks (802x stds)	6	6.6	6.7
Wi-Max networks	5	4.4	4.6
Migrating to 80211n	3	5.4	5.7
Voice over IP	7	5.7	5.8
Microsoft Exchange	2	5.3	5.6
Java	6	5.3	5.9
XML (SOAP)	5	5.3	5.8
NET (Microsoft)	5	4.7	4.7
Microsoft Sharepoint	3	4.5	4.5
Open Net/Java Enterprise (Sun)	2	3.6	4.3
QuickTime Player	2	4.7	4.8
Real Player	4	4.2	4.1
Microsoft Media Player	4	4.9	5.0
Gigabit Ethernet	7	6.4	6.6
Grid Computing	3	4.0	5.6
Adobe Acrobat	6	5.7	5.8
Internet videoconferencing	7	5.9	6.2
VPN/Virtual Private Networks	4	6.0	6.1

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
Future Issues Affecting Campus Computing (Continued)			
Identity management	7	6.5	6.8
Open source software	5	5.0	5.2
Networking & Internet/Web issues & resources			
Student portal services	6	6.1	6.3
SCORMS standards	1	3.8	4.4
Data encryption	5	6.1	6.5
Content management systems	4	6.1	6.2
Instant messaging	6	4.9	5.3
Wikis	2	4.8	5.2
Podcasting	3	5.1	5.5
Blogging	3	4.8	4.9
Web Conferencing	3	5.6	5.7
Desktop / Server Virtualization	5	6.1	6.4
Cloud Computing	6	4.9	5.3
Administrative software/ERP--Upgrade or replacement			
Accounting/Financial Management	6	5.7	5.8
Admissions/Recruitment	6	6.2	6.2
Alumni	6	5.2	5.3
CRM software	2	5.0	5.0
Development	4	5.2	5.2
eProcurement/Purchasing	6	5.2	5.7
Human Resources	6	5.5	5.7
Student Financial Aid Management	6	5.9	6.1
Student Information Systems (SIS)	6	6.0	6.2
Business Intelligence/Analytics	2	5.4	5.9
Degree Audit	6	5.4	5.6
Student Retention/Early Warning System	6	5.5	5.5
Vendor Services/Outsourcing			
Data back-up or data storage	1	3.8	3.6
ERP services	1	2.7	2.6
Instructional technology services	1	2.6	2.6
User support	1	2.7	2.7
ResNet services	1	2.4	2.6

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
Future Issues Affecting Campus Computing (Continued)			
eProcurement	1	2.9	3.1
Student/campus portal	1	3.0	2.5
Web hosting	1	3.4	3.2
Student email services	2	5.3	5.8
Rating the Technology Infrastructure			
(Scale from 1 = "Poor" to 7 = "Excellent")			
		Average	Average
Computer networks and data communication	6	6.1	6.1
Telecommunications and phone system	6	5.5	5.6
Wireless networks	6	5.5	5.5
User support services	6	5.6	5.5
On-line reference resources in campus library/library system	6	5.9	5.9
Web resources to support instruction	6	5.3	5.5
Multimedia/AV enabled classrooms	6	5.4	5.3
Campus web site services/student portal	6	5.1	5.2
Overall assessment of IT Security (network attacks,secure databases, etc.)	6	5.3	5.4
Disaster planning	6	4.6	4.6
IT training for faculty	6	4.7	4.7
IT training for students	6	3.9	4.1
Campus portal	6	4.3	4.7
Data warehousing	6	3.8	4.3
Digital dashboards/ERP analytics	3	3.1	3.1
Emergency communications/notification system(s)	5	5.4	5.7
Cellular coverage across campus	6	5.0	5.1
Addressing Budget Issues by:			
Reducing purchases of computer technology			
Doing this already		33.3 %	35.5 %
Beginning in 2009-10		9.2 %	6.6 %
Reviewing for 2009-10		16.2 %	17.1 %
Decided not to do	Decided not to do	41.3 %	40.8 %
Charging fees to departments and service units			
Doing this already	Doing this already	26.3 %	63.2 %
Beginning in 2009-10		2.4 %	2.6 %
Reviewing for 2009-10		14.6 %	15.8 %

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
Addressing Budget Issues by: (Continued)			
Decided not to do		56.7 %	18.4 %
Requiring a computer/IT fee for all students	Doing this already	55.1 %	73.7 %
Doing this already		1.6 %	5.3 %
Beginning in 2009-10		5.2 %	11.8 %
Reviewing for 2009-10		38.1 %	9.2 %
Decided not to do			
Leasing rather than buying hardware	Decided not to do	16.8 %	15.8 %
Doing this already		2.4 %	2.6 %
Beginning in 2009-10		13.0 %	19.7 %
Reviewing for 2009-10		67.7 %	61.8 %
Decided not to do			
Reducing hours in public access facilities	Decided not to do	18.2 %	22.4 %
Doing this already		5.6 %	7.9 %
Beginning in 2009-10		10.0 %	15.8 %
Reviewing for 2009-10		66.1 %	54.0 %
Decided not to do			
Reducing services	Reviewing for 2009-10	23.1 %	30.3 %
Doing this already		5.2 %	7.9 %
Beginning in 2009-10		15.4 %	13.2 %
Reviewing for 2009-10		56.3 %	48.7 %
Decided not to do			
Phasing out public computer labs	Decided not to do	8.4 %	13.2 %
Doing this already		3.0 %	7.9 %
Beginning in 2009-10		19.8 %	22.4 %
Reviewing for 2009-10		68.7 %	56.6 %
Decided not to do			
Reorganizing operations	Reviewing for 2009-10	52.7 %	61.8 %
Doing this already		9.4 %	11.8 %
Beginning in 2009-10		16.8 %	21.1 %
Reviewing for 2009-10		21.0 %	5.3 %
Decided not to do			
Reducing staff			
Doing this already		28.5 %	36.8 %

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
Addressing Budget Issues by: (Continued)			
Beginning in 2009-10		5.6 %	5.3 %
Reviewing for 2009-10	Reviewing for 2009-10	9.8 %	18.4 %
Decided not to do		56.1 %	39.5 %
Using information technology to reduce instructional costs			
Doing this already	Doing this already	49.1 %	57.9 %
Beginning in 2009-10		2.6 %	4.0 %
Reviewing for 2009-10		22.4 %	22.4 %
Decided not to do		25.9 %	15.8 %
Making greater use of student assistants for user support services			
Doing this already	Doing this already	73.0 %	75.0 %
Beginning in 2009-10		3.6 %	6.6 %
Reviewing for 2009-10		9.0 %	7.9 %
Decided not to do		14.4 %	10.5 %
Outsourcing computing/IT services to commercial providers			
Doing this already	Doing this already	20.2 %	18.4 %
Beginning in 2009-10		2.8 %	5.3 %
Reviewing for 2009-10		19.4 %	31.6 %
Decided not to do		57.5 %	44.7 %
Outsourcing student portal services to commercial providers			
Doing this already		6.6 %	5.3 %
Beginning in 2009-10		0.8 %	1.3 %
Reviewing for 2009-10		10.2 %	7.9 %
Decided not to do	Decided not to do	82.4 %	85.5 %
Outsourcing user support services to commercial providers			
Doing this already		7.4 %	6.6 %
Beginning in 2009-10		2.2 %	5.3 %
Reviewing for 2009-10		13.4 %	14.5 %
Decided not to do	Decided not to do	77.0 %	73.7 %
Outsourcing ERP services			
Doing this already		10.0 %	6.6 %
Beginning in 2009-10		0.8 %	1.3 %
Reviewing for 2009-10		7.6 %	15.8 %
Decided not to do	Decided not to do	81.6 %	76.3 %

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
Addressing Budget Issues by: (Continued)			
Outsourcing ResNet services			
Doing this already		5.6 %	5.3 %
Beginning in 2009-10		0.6 %	0.0 %
Reviewing for 2009-10		8.2 %	11.8 %
Decided not to do	Decided not to do	85.5 %	82.9 %
Outsourcing student email services			
Doing this already		30.7 %	34.2 %
Beginning in 2009-10		10.2 %	17.1 %
Reviewing for 2009-10		30.9 %	29.0 %
Decided not to do	Decided not to do	28.3 %	19.7 %
Delaying/deferring ERP deployment/replacement/upgrades			
Doing this already		15.6 %	17.1 %
Beginning in 2009-10		3.6 %	7.9 %
Reviewing for 2009-10		9.0 %	9.2 %
Decided not to do	Decided not to do	71.7 %	65.8 %
Deferring/reducing use of consultants on IT projects			
Doing this already		46.1 %	50.0 %
Beginning in 2009-10		3.6 %	4.0 %
Reviewing for 2009-10	Reviewing for 2009-10	15.0 %	18.4 %
Decided not to do		35.3 %	27.6 %
Reviewing options for the campus standard Learning Management System			
Doing this already		31.3 %	34.2 %
Beginning in 2009-10		7.8 %	7.9 %
Reviewing for 2009-10		29.5 %	31.6 %
Decided not to do	Decided not to do	31.5 %	26.3 %
Migrating to Software as a Service/SaaS ERP applications			
Doing this already		7.6 %	11.8 %
Beginning in 2009-10		2.6 %	2.6 %
Reviewing for 2009-10	Reviewing for 2009-10	25.5 %	30.3 %
Decided not to do		64.3 %	55.3 %
Migrating to Open Source for ERP software and services			
Doing this already		6.0 %	10.5 %
Beginning in 2009-10		1.0 %	1.3 %

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
Addressing Budget Issues by: (Continued)			
Reviewing for 2009-10	Reviewing for 2009-10	11.2 %	14.5 %
Decided not to do		81.8 %	73.7 %
Migrating to Open Source for Learning Management System			
Doing this already		21.4 %	17.1 %
Beginning in 2009-10		2.4 %	5.3 %
Reviewing for 2009-10		34.0 %	31.6 %
Decided not to do	Decided not to do	42.2 %	46.1 %
Migrating to Open Source for digital content for the library curriculum etc.			
Doing this already		19.3 %	22.7 %
Beginning in 2009-10		1.4 %	1.3 %
Reviewing for 2009-10	Reviewing for 2009-10	31.3 %	33.3 %
Decided not to do		48 %	42.7 %
Migrating to Open Source for desktop application software			
Doing this already		9.6 %	8.0 %
Beginning in 2009-10		1.6 %	0.0 %
Reviewing for 2009-10	Reviewing for 2009-10	23.1 %	24.0 %
Decided not to do		65.7 %	68.0 %
Strategic, Budget and Personnel Issues			
(Scale from 1 ="Not Important" to 7 ="Very Important")			
Assessing benefits of existing investment in computing and technology resources	7	6.1	6.1
Clarifying goals and campus plans for technology resources	7	6.5	6.5
Providing incentives and rewards for faculty to support tech. integration into the curriculum	6	4.6	4.8
Allocating campus funds to support expanded services	6	5.4	5.5
Faculty concerns about the benefits of computing in the curriculum	6	4.8	4.9
Administrative concerns about the benefits of computing in the curriculum	6	4.6	4.6
Establishing/maintaining campus-wide standards for hardware	7	5.8	5.2
Establishing/maintaining campus-wide standards for software	7	6.0	5.4
Operating a computer resale program for students & faculty	5	2.6	3.2
Developing budget mechanism to replace aging equipment on a routine basis	6	6.2	6.2
Using technology based commercial curriculum products	6	4.6	4.4
Using technology resources to enhance distance education program	7	5.3	5.9
Negotiating site licensing with textbook publishers	7	4.2	4.0

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
Strategic, Budget and Personnel Issues (Continued)			
Negotiating site licensing with academic publishers	6	4.4	4.3
Sharing digital resources with other campuses/institutions	6	5.1	5.5
Developing/updating campus policies for Web-based intellectual property	7	5.3	5.3
Helping IT personnel stay current with new technologies	7	6.3	6.2
Retaining current IT personnel, given off-campus competition	7	5.9	5.9
Moving more of our user support services to the Web	6	5.9	6.0
Surveying student and faculty about IT issues and services	6	5.9	5.9
Assessing the return on investment for IT spending/resources	6	5.8	5.7
Researching the total cost of ownership (TCO) for IT purchases	5	5.6	5.5
Using Open Source tools and applications	5	4.5	4.7
Supporting smart phones	4	5.0	5.5
Managing/distributing digital learning resources	6	5.2	5.6
Controlling/restricting file sharing of commercial content	6	5.4	5.4
Data warehousing	2	5.3	5.9
Storage management	3	5.9	6.2
Server consolidation	3	6.0	6.3
Server virtualization	3	6.2	6.4
IT Business Continuity	4	6.0	6.1
Identity Management	5	6.1	6.6
Business analytic/intelligence	3	5.3	5.7
Environmental ("green") issues in the acquisition and disposal of IT hardware	4	5.4	5.7
Hosted applications/Software as a Service (SaaS)	6	4.3	4.6
This Year's Computing Budget Compared to Last Year's			
Total computing budget for central IT services			
Reduced >5%		22.2 %	29.0 %
Reduced 3-5%	Reduced 3-5%	12.8 %	19.7 %
Reduced 1-3%		15.0 %	18.4 %
No change		28.3 %	23.7 %
Increased 1-3%		13.4 %	5.3 %
Increased 3-5%		4.6 %	1.3 %
Increased >5%		3.6 %	2.6 %

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
This Year's Computing Budget Compared to Last Year's			
Total academic computing budget	Reduced >5%	18.4 %	22.4 %
Reduced >5%		11.4 %	18.4 %
Reduced 3-5%		12.8 %	18.4 %
Reduced 1-3%		38.9 %	29.0 %
No change		11.4 %	5.3 %
Increased 1-3%		4.4 %	5.3 %
Increased 3-5%		2.6 %	1.3 %
Increased >5%			
Total administrative computing budget	Reduced 3-5%	19.0 %	25.0 %
Reduced >5%		13.0 %	21.1 %
Reduced 3-5%		12.8 %	15.8 %
Reduced 1-3%		35.9 %	27.6 %
No change		12.2 %	6.6 %
Increased 1-3%		4.0 %	2.6 %
Increased 3-5%		3.0 %	1.3 %
Increased >5%			
Purchases of computers by academic computing units	Reduced >5%	15.4 %	15.8 %
Reduced >5%		8.4 %	15.8 %
Reduced 3-5%		14.6 %	25.0 %
Reduced 1-3%		48.7 %	36.8 %
No change		10.0 %	5.3 %
Increased 1-3%		1.6 %	0.0 %
Increased 3-5%		1.2 %	1.3 %
Increased >5%			
Purchases of computers by administrative computing units	Reduced >5%	17.2 %	18.4 %
Reduced >5%		7.6 %	18.4 %
Reduced 3-5%		17.0 %	25.0 %
Reduced 1-3%		48.7 %	32.9 %
No change		8.2 %	2.6 %
Increased 1-3%		2.0 %	1.3 %
Increased 3-5%		1.2 %	1.3 %
Increased >5%			

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
This Year's Computing Budget Compared to Last Year's (Continued)			
Purchases of computers by academic departments			
Reduced >5%	Reduced >5%	16.8 %	17.1 %
Reduced 3-5%		7.8 %	18.4 %
Reduced 1-3%		14.6 %	21.1 %
No change		49.5 %	38.2 %
Increased 1-3%		8.2 %	4.0 %
Increased 3-5%		1.8 %	0.0 %
Increased >5%		1.2 %	1.3 %
All institutional purchases of desktop/notebook computers			
Reduced >5%	Reduced >5%	16.6 %	15.8 %
Reduced 3-5%		10.2 %	15.8 %
Reduced 1-3%		16.2 %	23.7 %
No change		39.7 %	39.5 %
Increased 1-3%		12.0 %	4.0 %
Increased 3-5%		2.6 %	0.0 %
Increased >5%		2.6 %	1.3 %
Institutional support for public computer labs			
Reduced >5%		11.9 %	13.3 %
Reduced 3-5%		6.8 %	13.3 %
Reduced 1-3%		12.7 %	20.0 %
No change	No change	57.1 %	50.7 %
Increased 1-3%		7.9 %	2.7 %
Increased 3-5%		1.8 %	0.0 %
Increased >5%		1.8 %	0.0 %
Network servers			
Reduced >5%		10.8 %	9.2 %
Reduced 3-5%	Reduced 3-5%	6.2 %	11.8 %
Reduced 1-3%		12.6 %	11.8 %
No change		48.3 %	50.0 %
Increased 1-3%		14.4 %	11.8 %
Increased 3-5%		4.6 %	2.6 %
Increased >5%		3.0 %	2.6 %

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
This Year's Computing Budget Compared to Last Year's (Continued)			
Server software and related products			
Reduced >5%		9.0 %	9.2 %
Reduced 3-5%	Reduced 3-5%	6.6 %	14.5 %
Reduced 1-3%		10.2 %	10.5 %
No change		50.1 %	48.7 %
Increased 1-3%		17.8 %	10.5 %
Increased 3-5%		4.4 %	4.0 %
Increased >5%		1.8 %	2.6 %
Wireless network			
Reduced >5%		8.4 %	5.3 %
Reduced 3-5%	Reduced 3-5%	4.2 %	6.6 %
Reduced 1-3%		6.6 %	6.6 %
No change		42.3 %	42.1 %
Increased 1-3%		19.6 %	18.4 %
Increased 3-5%		9.4 %	10.5 %
Increased >5%		9.4 %	10.5 %
User training and support			
Reduced >5%		12.8 %	17.1 %
Reduced 3-5%	Reduced 3-5%	5.8 %	10.5 %
Reduced 1-3%		9.2 %	9.2 %
No change		59.7 %	59.2 %
Increased 1-3%		8.4 %	4.0 %
Increased 3-5%		2.6 %	0.0 %
Increased >5%		1.4 %	0.0 %
Professional development for IT personnel			
Reduced >5%		16.4 %	18.4 %
Reduced 3-5%	Reduced 3-5%	8.8 %	9.2 %
Reduced 1-3%		13.4 %	19.7 %
No change		47.3 %	48.7 %
Increased 1-3%		10.0 %	4.0 %
Increased 3-5%		2.6 %	0.0 %
Increased >5%		1.4 %	0.0 %

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
This Year's Computing Budget Compared to Last Year's (Continued)			
Campus portal services			
Reduced >5%		6.8 %	7.9 %
Reduced 3-5%	Reduced 3-5%	4.0 %	9.2 %
Reduced 1-3%		4.8 %	7.9 %
No change		62.1 %	60.5 %
Increased 1-3%		13.0 %	9.2 %
Increased 3-5%		4.6 %	2.6 %
Increased >5%		4.6 %	2.6 %
ERP software and services			
Reduced >5%		5.4 %	7.9 %
Reduced 3-5%	Reduced 3-5%	3.4 %	6.6 %
Reduced 1-3%		4.8 %	7.9 %
No change		54.1 %	54.0 %
Increased 1-3%		19.2 %	15.8 %
Increased 3-5%		6.4 %	2.6 %
Increased >5%		6.6 %	5.3 %
eCommerce/campus commerce services			
Reduced >5%		7.4 %	6.6 %
Reduced 3-5%	Reduced 3-5%	3.6 %	10.5 %
Reduced 1-3%		4.8 %	6.6 %
No change		66.5 %	61.8 %
Increased 1-3%		12.2 %	9.2 %
Increased 3-5%		3.4 %	2.6 %
Increased >5%		2.0 %	2.6 %
External service providers			
Reduced >5%		9.4 %	13.2 %
Reduced 3-5%	Reduced 3-5%	4.8 %	6.6 %
Reduced 1-3%		6.8 %	6.6 %
No change		60.1 %	55.3 %
Increased 1-3%		12.6 %	13.2 %
Increased 3-5%		3.6 %	4.0 %
Increased >5%		2.6 %	1.3 %

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
This Year's Computing Budget Compared to Last Year's (Continued)			
Security issues			
Reduced >5%		5.6 %	4.0 %
Reduced 3-5%	Reduced 3-5%	2.4 %	5.3 %
Reduced 1-3%		3.4 %	6.6 %
No change		44.5 %	38.2 %
Increased 1-3%		26.9 %	21.1 %
Increased 3-5%		10.2 %	19.7 %
Increased >5%		7.0 %	5.3 %
Identity management			
Reduced >5%		6.2 %	6.6 %
Reduced 3-5%	Reduced 3-5%	2.8 %	6.6 %
Reduced 1-3%		2.4 %	5.3 %
No change		58.7 %	47.4 %
Increased 1-3%		19.0 %	17.1 %
Increased 3-5%		5.6 %	6.6 %
Increased >5%		5.2 %	10.5 %
Consultants for IT projects and services			
Reduced >5%		17.0 %	23.7 %
Reduced 3-5%	Reduced 3-5%	7.6 %	11.8 %
Reduced 1-3%		12.2 %	6.6 %
No change		44.3 %	42.1 %
Increased 1-3%		13.0 %	11.8 %
Increased 3-5%		2.6 %	1.3 %
Increased >5%		3.2 %	2.6 %
Data warehousing			
Reduced >5%		6.8 %	4.0 %
Reduced 3-5%	Reduced 3-5%	2.2 %	4.0 %
Reduced 1-3%		4.6 %	10.5 %
No change		66.9 %	69.7 %
Increased 1-3%		12.0 %	10.5 %
Increased 3-5%		4.4 %	0.0 %
Increased >5%		3.0 %	1.3 %

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
This Year's Computing Budget Compared to Last Year's (Continued)			
CRM services/software			
Reduced >5%		7.8 %	10.5 %
Reduced 3-5%	Reduced 3-5%	3.6 %	7.9 %
Reduced 1-3%		5.0 %	6.6 %
No change		69.1 %	64.5 %
Increased 1-3%		8.4 %	9.2 %
Increased 3-5%		2.6 %	1.3 %
Increased >5%		3.4 %	0.0 %
Supporting Open Source projects/applications			
Reduced >5%		9.2 %	10.5 %
Reduced 3-5%	Reduced 3-5%	3.6 %	6.6 %
Reduced 1-3%		5.4 %	6.6 %
No change		70.5 %	67.1 %
Increased 1-3%		8.0 %	7.9 %
Increased 3-5%		2.4 %	0.0 %
Increased >5%		0.8 %	1.3 %
Business Continuity			
Reduced >5%		7.0 %	6.6 %
Reduced 3-5%	Reduced 3-5%	2.4 %	5.3 %
Reduced 1-3%		4.2 %	6.6 %
No change		59.9 %	60.5 %
Increased 1-3%		16.2 %	13.2 %
Increased 3-5%		6.0 %	5.3 %
Increased >5%		4.2 %	2.6 %
Business analytical/Business intelligence products			
Reduced >5%		7.4 %	10.5 %
Reduced 3-5%	Reduced 3-5%	2.4 %	5.3 %
Reduced 1-3%		5.2 %	10.5 %
No change		60.1 %	57.9 %
Increased 1-3%		15.8 %	10.5 %
Increased 3-5%		5.2 %	1.3 %
Increased >5%		3.8 %	4.0 %

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
This Year's Computing Budget Compared to Last Year's (Continued)			
Emergency communication/notification services			
Reduced >5%	Reduced 3-5%	4.8 %	2.6 %
Reduced 3-5%		1.2 %	1.3 %
Reduced 1-3%		2.2 %	2.6 %
No change		57.9 %	65.8 %
Increased 1-3%		19.2 %	21.1 %
Increased 3-5%		7.0 %	1.3 %
Increased >5%		7.6 %	5.3 %
The Technology Budget		Average	Average
Percentage institutions experiencing computing mid-year budget cut in 2008-09		42.2 %	63.2 %
Percentage of budget that was cut	4 %	3.0 %	3.4 %
Total (average) central computing budget 2009-10	\$3,437,218	\$10,249,569	\$20,782,432
Percent of budget allocated to:			
Hardware	2 %	18.2 %	13.0 %
Software	1 %	13.8 %	10.5 %
Personnel	59 %	51.2 %	57.9 %
Content licenses	4 %	5.8 %	4.2 %
User support	3 %	14.7 %	16.2 %
Network service/support	29 %	13.4 %	15.2 %
Central computing/IT budget as an estimated percentage of total campus IT spending	91 %	61.5 %	44.5 %
All IT expenditures as an estimated percentage of total campus expenditures	3 %	6.4 %	4.6 %
Does your institution have a financial plan to upgrade/enhance/replace the campus network?			
No current plan/policy	Under discussion/development	12.4 %	7.9 %
Under discussion/development		30.1 %	29.0 %
Currently funded network replacement/upgrade plan		57.5 %	63.2 %
How does your institution deal with the "life cycle" of desktop computers for faculty, classrooms, clusters, and labs?			
One time allocation	Have budget	9.6 %	22.4 %
Developing budget		22.2 %	32.9 %
Have budget		68.2 %	44.7 %

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
Current replacement cycle for desktop/notebook computers (years)			
Student labs			
1 year		0.2 %	0.0 %
2 years		4.0 %	0.0 %
3 years	3 years	40.4 %	47.4 %
4 years		44.0 %	46.1 %
5 years		11.4 %	6.6 %
Faculty offices			
1 year		0.2 %	0.0 %
2 years		0.8 %	0.0 %
3 years		22.6 %	26.3 %
4 years		54.6 %	51.3 %
5 years	5 years	21.8 %	22.4 %
Administrative offices			
1 year		0.0 %	0.0 %
2 years		0.4 %	1.3 %
3 years		18.6 %	27.6 %
4 years		54.8 %	56.6 %
5 years	5 years	26.2 %	14.5 %
Emergency Notification			
As of September 2009, will your institution have an operational campus-wide (emergency) notification system?			
No	X	2.8 %	0.0 %
Yes			
If Yes, what elements of the notification sys are functional as of September 2009?			
Sirens	X	39.7 %	56.6 %
PA System	X	45.7 %	51.3 %
Electronic signs / displays		33.9 %	36.8 %
Notice on campus web site / portal	X	87.2 %	98.7 %
Email	X	91.8 %	100.0 %
SMS / text messaging	X	87.2 %	97.4 %
RSS		14.4 %	25.0 %
Twitter		11.2 %	10.5 %
Voice mail to campus phones (offices / dorms)	X	71.5 %	72.4 %

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
Emergency Notification (Continued)			
Voice mail to off campus land lines (homes / apartments)	X	48.9 %	56.6 %
Voice mail to mobile phones		57.5 %	61.8 %
Campus policy for emergency notification services is "opt in" (req registration)		73.5 %	82.4 %
As of September 2009, will your institution use a third party provider for notification software or services?			
No		16.4 %	13.2 %
Yes	X		
If Yes: please indicate the name of the company that your campus uses for notification services.			
Blackboard Connect		28.2 %	12.7 %
E2Campus		19.1 %	11.1 %
MIR3		4.5 %	9.5 %
3n/National Notification		4.8 %	11.1 %
Rave		6.6 %	17.5 %
Send Word Now		3.3 %	3.2 %
Other	X	33.5 %	34.9 %
Over the past year (2008-09), how did you use your notification service?			
emergency notification	X	86.6 %	97.4 %
student recruitment (contacting prospective students)		3.2 %	2.6 %
student services (academic services for current students)		7.4 %	7.9 %
alumni contact/services		1.6 %	1.3 %
Web and Networking Issues			
How does your institution address the problem of spam?			
No institutional effort/policy		0.8 %	1.3 %
Recommend end-user filters		60.5 %	75.0 %
Deploy server filters		96.4 %	97.4 %
Use DNS blacklists	Use DNS blacklists	75.2 %	82.9 %
Other		29.3 %	34.2 %
How important are the following issues on your campus? (Scale from 1 ="Not Important" to 7 ="Very Important")		Average	Average
Supporting instructional labs & clusters	7	6.0	5.9
Creating Web pages for department use and course resources	7	5.0	4.9
Digital image libraries/archives	5	4.9	5.3

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
Web and Networking Issues (Continued)			
Disaster recovery	7	6.2	6.3
Virtual private networks (VPN)	6	5.6	6.2
Network security	7	6.7	6.9
Gigabit ethernet	7	6.0	6.5
Grid computing	5	3.2	4.8
Cloud computing	6	4.2	4.7
Electronic commerce	5	4.8	5.1
Wi-Max wireless networks	6	3.7	4.1
Making campus networks accessible to 3G phones	6	3.9	4.5
Quality of cellular coverage that commercial services provide for your campus	1	4.2	4.8
Guest access/services on the campus network	6	4.8	4.9
Data encryption	6	5.7	6.1
Replacement cycle for network infrastructure	6	5.9	6.2
Identity management	6	5.9	6.4
Bandwidth for Software as a Service/SaaS applications	4	4.0	4.2
Internet2	4	3.8	5.8
National Lambda Rail	1	2.9	4.9
Spyware/malware	7	5.7	5.8
IT Disaster Communications Capacity	7	5.8	6.2
P-20 Education Continuum/Services	1	3.0	3.6
How well developed are network connections and the instructional infrastructure?			
Percentage of classrooms connected to the campus network/have Internet access	60 %	94.7 %	92.4 %
Percentage of classrooms with fixed computer projection capacity	25 %	73.4 %	66.4 %
Percentage of campus covered/served by wireless network access	25 %	9.7 %	15.5 %
Percentage of classrooms covered/served by wireless network access/services	5 %	73.0 %	77.2 %
Number of "plug and play" ports on campus for mobile computer users	650	758.0	1,390.3
Number of wireless nodes on the campus network	500	426.7	1,019.7
Does your institution limit the size of email documents/attachments	Yes	84.0	85.5
Maximum file size (Mbytes)	10	27.8	38.6
Storage capacity for email			
Student maximum file size (Mbytes)	100	2,904.3	5,212.2
Faculty maximum file size (Mbytes)		3,383.0	5,805.1

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
Web and Networking Issues (Continued)			
Does your institution limit the size of student web sites	Yes	55.1	72.0
Maximum size (Mbytes)	50	308.0	389.0
Is your institution reviewing or converting to outsourced/hosted applications			
Hosted / Outsourced email			
Students			
No		19.4 %	11.8 %
Under review		36.8 %	34.2 %
Converting to / now using	Converting to / now using	43.8 %	54.0 %
Faculty			
No		71.0 %	60.5 %
Under review	Under review	21.0 %	30.3 %
Converting to / now using		8.0 %	9.2 %
Provider			
Google	X	55.5 %	53.3 %
Microsoft		40.1 %	38.3 %
Zimbra		4.5 %	8.3 %
Hosted / Outsourced "Office" applications			
No	No	77.4 %	73.7 %
Under review		5.8 %	13.2 %
Converting to / now using		16.8 %	13.2 %
Product			
Google Applications		63.4 %	61.1 %
Microsoft Office Live		36.6 %	38.9 %
Organization, Planning and Impact Issues			
Is your campus part of a multicampus system with shared computing resources?	Yes	50.2 %	65.8 %
Academic and administrative computing are:			
Separate units		24.8 %	25.0 %
One single unit	One single unit	75.2 %	75.0 %
Has your institution reorganized information services units in the past 2 years?			
Academic computing	No	38.8 %	61.8 %
Administrative computing	No	34.4 %	57.9 %
Libraries	No	17.0 %	13.2 %
Telecom	No	30.7 %	43.4 %

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
Organization, Planning and Impact Issues (Continued)			
Do you anticipate a reorganization of information services units in the next 2 years?		% Yes	% Yes
Academic computing	Yes	25.2 %	35.5 %
Administrative computing	Yes	23.6 %	34.2 %
Libraries	Yes	13.6 %	13.2 %
Telecom	Yes	23.0 %	31.6 %
Has your institution reorganized in information services units in the past two years AND do you anticipate a reorganization the same information services units in the next two years?			
Academic computing	No	15.8 %	30.3 %
Administrative computing	No	14.8 %	30.3 %
Libraries	No	4.4 %	7.9 %
Telecom	No	11.2 %	21.1 %
The heads of the academic and administrative units report to:			
Academic computing			
President		6.2 %	2.6 %
Provost		13.4 %	15.8 %
CIO or CTO	CIO or CTO	63.0 %	71.1 %
Other vice provost/vice president		13.8 %	7.9 %
Dean		3.6 %	2.6 %
Administrative computing			
President		7.4 %	2.6 %
Provost		5.0 %	6.6 %
CIO or CTO	CIO or CTO	68.4 %	81.6 %
Other vice provost/vice president		18.4 %	9.2 %
Dean		0.8 %	0.0 %
Libraries			
President		0.8 %	0.0 %
Provost	Provost	60.6 %	82.9 %
CIO or CTO		11.0 %	4.0 %
Other vice provost/vice president		11.2 %	5.3 %
Dean		16.4 %	7.9 %

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
Organization, Planning and Impact Issues (Continued)			
Does your institution have a chief information/technology officer?			
No		13.0 %	2.6 %
Currently under discussion		3.4 %	1.3 %
Yes	Yes	83.6 %	96.1 %
What academic and operational units report to the CIO/CTO?		% Yes	% Yes
Academic computing	Yes	83.9 %	89.2 %
Administrative computing	Yes	93.0 %	95.9 %
Libraries	No	12.0 %	4.1 %
Media center	No	58.5 %	55.4 %
Telecommunications	Yes	85.9 %	93.2 %
The CIO (or senior institutional computing/IT officer) reports to:			
President	Yes	37.4 %	33.3 %
Provost/vice president for academic affairs	No	27.0 %	38.7 %
CFO/vice president for business/administration affairs	No	27.7 %	21.3 %
Other	No	8.0 %	6.7 %
Is the CIO a member of the president's cabinet/executive committee?	Yes	55.2 %	63.5 %
Does your institution have a board / trustee committee on computing / information technology?			
No	No	70.0 %	65.8 %
Under discussion		6.6 %	2.6 %
To begin in AY 2009-10		1.8 %	4.0 %
Yes, current board committee on computing / IT issues		21.6 %	27.6 %
Which unit provides tech support for most departmental computer labs?			
Individual department		10.4 %	34.2 %
Central IT service unit	Central IT service unit	64.8 %	22.4 %
Both		24.8 %	43.4 %
What security incidents did your campus experience in the past year?		% Yes	% Yes
Theft of computer(s) containing confidential data files	No	21.4 %	31.6 %
Hack/attack on the campus network	No	47.4 %	75.0 %
Hack/attack on the student/personnel/alumni data files	No	9.4 %	28.9 %
Hack/attack on administrative/financial files	No	5.4 %	15.8 %
Hack/attack on research data files	No	3.8 %	11.8 %

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
Organization, Planning and Impact Issues (Continued)			
Other attack on institutional data files	No	8.2 %	26.3 %
Identity management issues	No	28.4 %	43.4 %
Major computer virus infestation	No	15.0 %	15.8 %
Major spyware infestation	No	14.6 %	13.2 %
Student security "incident" related to social networking sites	No	13.4 %	15.8 %
Explore/loss of sensitive data in distributed environment	No	17.8 %	51.3 %
Intentional employee transgressions affecting IT security	No	7.6 %	9.2 %
How concerned are you about the following security issues for your institution in the coming year?			
Security concern (Scale from 1 = "Low" to 5 = "High")		Average	Average
Theft of computer(s) containing confidential data files	4	4.1	4.3
Hack/attack on the campus network	3	4.0	4.0
Hack/attack on the student/personnel/alumni data files	3	3.8	3.9
Hack/attack on administrative/financial files	4	3.8	3.9
Hack/attack on research data files	3	3.0	3.7
Other attack on institutional data files	3	3.6	3.8
Identity management issues	4	3.9	4.0
Major computer virus infestation	6	3.4	3.3
Major spyware infestation	6	3.4	3.4
Student security "incident" related to social networking sites	5	3.2	3.2
Explore/loss of sensitive data in distributed environment	2	3.6	4.4
Intentional employee transgressions affecting IT security	5	3.2	3.2
Campus strategy on Open Source tools for central IT infrastructure services			
None: little if any interest in or deployment of Open Source tools		10.8 %	4.0 %
Observing: watching other institutions with interest, but no active deployment		12.4 %	6.6 %
Sampling: some activity, primarily backroom/infrastructure tools		39.4 %	30.3 %
Operational: significant deployment, focused on key operations	Operational	15.0 %	23.7 %
Mission critical: using a number of academic, administrative, and research resources		19.6 %	32.9 %
Contributing: strong support and strategy to develop new/enhance current tools		2.8 %	2.6 %
Campus strategy on/engagement with Open Source applications			
None: little if any interest in or deployment of Open Source applications		11.2 %	6.6 %
Observing: watching other institutions with interest, but no active deployment	Observing	34.0 %	27.6 %
Limited use: some activity, primarily testing/deployment in selected departments		28.4 %	30.3 %
Operational: significant deployment, focused on key applications		12.6 %	19.7 %

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
Organization, Planning and Impact Issues (Continued)			
Mission critical: using a number of academic, administrative, and research applications		8.8 %	7.9 %
Contributing: strong support and strategy to develop new/enhance current tools		5.0 %	7.9 %
Open Source projects and personnel			
Number of current Open Source support/development projects in central IT services	3	2.5	3.0
FTE personnel allocated to the projects	1	1.8	5.2
Looking ahead, what's the likelihood that your institution will migrate (or has already migrated) to one or more Software as a Service (SAAS) or Open Source ERP modules by fall 2014? Percent reporting high likelihood of migrating. (Scale score of 6 or 7.)			
Software as a Service (SAAS) Apps			
Course / Learning Management System	3	21.8 %	7.9 %
Content Management System	3	11.6 %	10.5 %
Research Management System	3	2.8 %	2.6 %
Development System	1	3.2 %	3.9 %
Financial System	1	5.2 %	1.3 %
HR System	1	8.4 %	2.6 %
Portal	1	8.4 %	3.9 %
Student Information System	1	4.6 %	1.3 %
Student ePortfolio System	3	13.8 %	6.6 %
Collaboration Platforms/Applications	6	13.9 %	17.3 %
Open Source ERP Apps			
Course / Learning Management System	3	27.4 %	28.9 %
Content Management System	3	15.6 %	11.8 %
Research Management System	3	4.6 %	7.9 %
Development System	1	1.8 %	3.9 %
Financial System	1	3.4 %	9.2 %
HR System	1	2.2 %	6.6 %
Portal	1	12.4 %	13.2 %
Student Information System	1	3.4 %	5.3 %
Student ePortfolio System	3	11.4 %	10.5 %
Collaboration Platforms/Applications	6	11.1 %	6.7 %
How does your institution address the problem of P2P digital piracy on campus networks?			
Mandatory user education program		21.2 %	30.3 %
Sanction students for copyright, P2P or DCMA violations		62.4 %	84.2 %

Campus Computing 2009

	Southeastern	All Institutions	Public Universities
Organization, Planning and Impact Issues (Continued)			
Students can lose campus network/email access or privileges for P2P violations	X	88.8 %	92.1 %
Student financial penalty or fine paid to college/university for P2P violations		9.4 %	18.4 %
The Higher Education Act Passed by the Congress and Signed by the President in August 2008 imposes new requirements on colleges and universities to address illegal P2P filesharing. What's the status of compliance with these mandates at your institution as of fall 2009?			
My institution has developed plans to effectively combat the unauthorized distribution of copyrighted materials			
Doing this already	Doing this already	62.3 %	84.2 %
Begining in 2009-10		7.4 %	2.6 %
Reviwing for 2009-10		27.5 %	13.2 %
Previously decided not to do this		2.8 %	0.0 %
Current campus plans include "the use of a variety of technology-based deterrents"			
Doing this already	Doing this already	37.7 %	54.0 %
Begining in 2009-10		5.8 %	4.0 %
Reviwing for 2009-10		35.5 %	27.6 %
Previously decided not to do this		21.0 %	14.5 %
My institution currently "offers alternatives to illegal downloading or peer-to-peer distribution of intellectual property"			
Doing this already		19.8 %	44.7 %
Begining in 2009-10		1.6 %	1.3 %
Reviwing for 2009-10		25.8 %	13.2 %
Previously decided not to do this	Decided not to do this	52.8 %	40.8 %
Estimated costs of compliance with the provisions of the HEA for AY 2009-10	\$10,000	\$36,568	\$67,352

Appendix

List of Public Universities that Participated in the 2009 Campus Computing Survey

Auburn University Main Campus	AL	University of Montana-Missoula, The	MT
University of Alabama at Birmingham	AL		
University of Alabama, The	AL	North Carolina A & T State University	NC
		North Carolina State University at Raleigh	NC
University of Arkansas Main Campus	AR	University of North Carolina at Chapel Hill	NC
Northern Arizona University	AZ	University of North Dakota-Main Campus	ND
University of California-Davis	CA	University of New Hampshire-Main Campus	NH
University of California-Los Angeles	CA		
University of California-San Diego	CA	New Mexico State University-Main Campus	NM
		University of New Mexico-Main Campus	NM
University of Colorado at Boulder	CO		
		University of Nevada-Las Vegas	NV
University of Delaware	DE		
		SUNY at Binghamton	NY
Florida Atlantic University-Boca Raton	FL		
Florida International University	FL	Kent State University-Main Campus	OH
Florida State University	FL	Miami University	OH
University of Central Florida	FL	Ohio University-Main Campus	OH
University of Florida	FL	University of Cincinnati-Main Campus	OH
University of South Florida	FL		
		Portland State University	OR
Georgia Institute of Technology-Main Campus	GA	University of Oregon	OR
Georgia Southern University	GA		
Georgia State University	GA	Pennsylvania State University-Main Campus	PA
University of Georgia	GA	Temple University	PA
		University of Pittsburgh-Main Campus	PA
University of Hawaii at Manoa	HI		
		University of Rhode Island	RI
Idaho State University	ID		
University of Idaho	ID	Clemson University	SC
		University of South Carolina	SC
Indiana University-Bloomington	IN		
Indiana University-Purdue University-Indianapolis	IN	University of South Dakota	SD
Purdue University-Main Campus	IN		
		Tennessee State University	TN
Kansas State University	KS	University of Memphis	TN
University of Kentucky	KY	University of North Texas	TX
University of Louisville	KY	University of Texas at Arlington, The	TX
Southeastern Louisiana University	LA	University of Utah	UT
University of Maryland-Baltimore County	MD	George Mason University	VA
		Old Dominion University	VA
Central Michigan University	MI	Virginia Commonwealth University	VA
Michigan Technological University	MI	Virginia Polytechnic Institute and State Univ	VA
Oakland University	MI		
Wayne State University	MI	University of Vermont and State Agricultural Coll	VT
Missouri University of Science and Technology	MO	Washington State University	WA
University of Missouri-Columbia	MO		
		University of Wisconsin-Madison	WI
Jackson State University	MS		