

# Campus Computing 2010

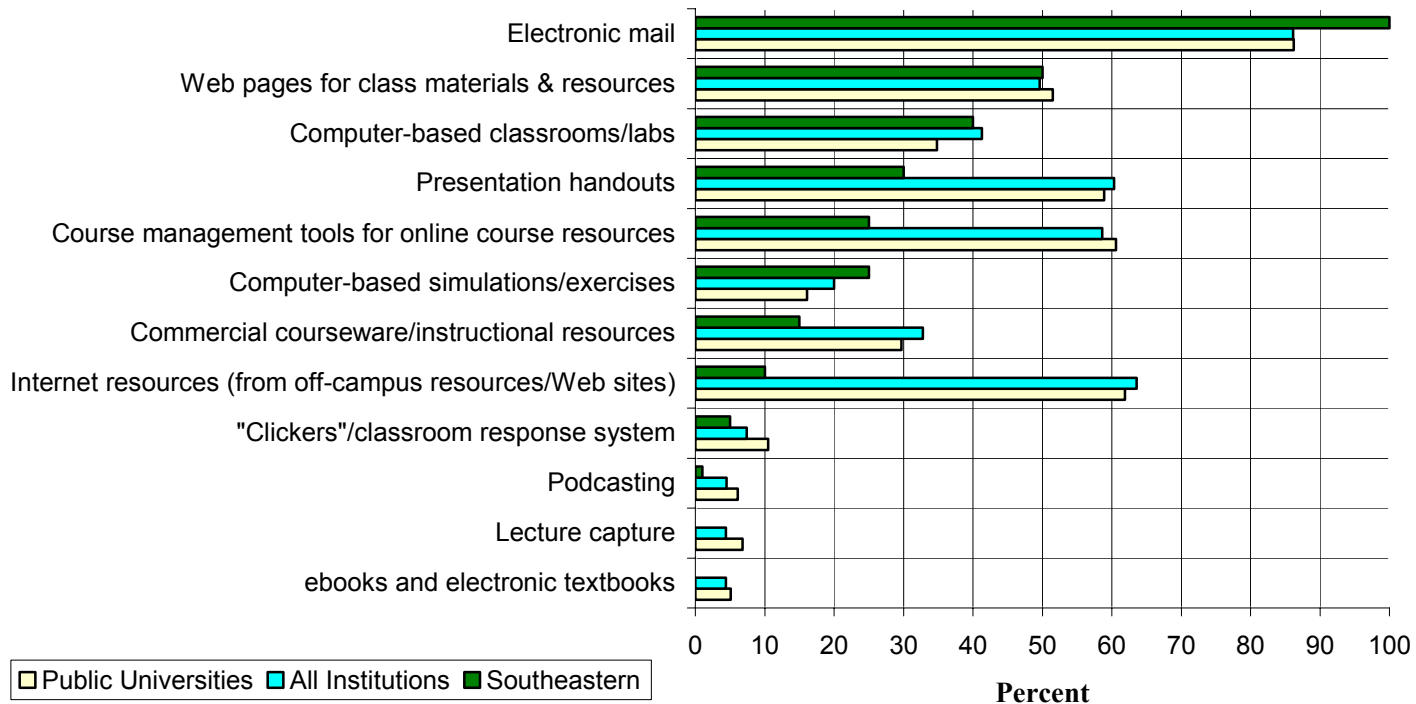
## Executive Summary

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 2010 Campus Computing Survey in October 2010. This report shows a comparison of campus computing at Southeastern at that time with Public Universities and All Institutions who responded, based on the 2010 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*.

### Percentage of Classes Using Computer Facilities and Resources



### Points of Excellence

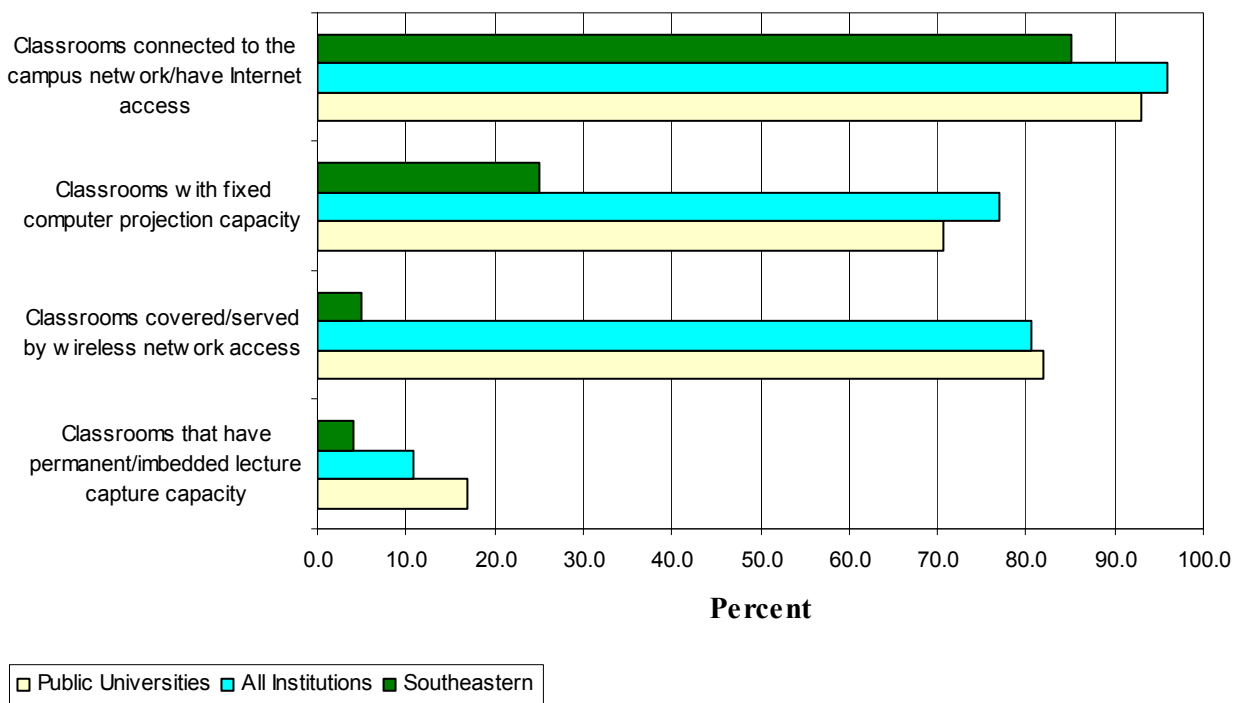
- While many institutions experienced security incidents such as *theft of computer(s) containing confidential data files (22.5%)*, *hack/attack on the campus network (49.7%)*, *identity management issues (29.7%)*, *major computer virus infestation (16.2%)*, *major spyware infestation (14.9%)*, and *explores/loss of sensitive data in distributed environment (15.4%)*, 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 the 40.3% of All Institutions and 30.3% of Public Universities that require computer instruction or competency for all undergraduate students.

**Areas for Improvement**

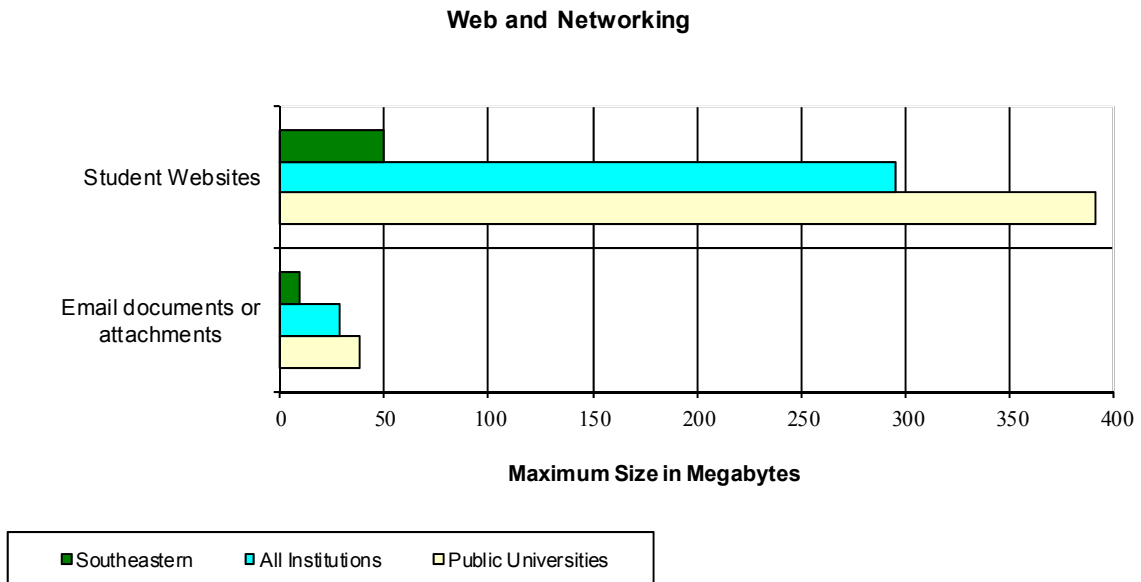
- The *number of network servers* at Southeastern is quite low. While Southeastern has 50 network servers, the average for All Institutions is 233 and Public Universities have 820 network servers.
- The average *number of FTE help desk/technical support personnel* for All Institutions is 36.3 and for Public Universities is 110.2, while Southeastern has only 29. The *ratio user support (enrollment/help desk)* at Southeastern is 486.8 students to 1 help desk person, while the ratio at All Institutions is 314.3 and at Public Universities is 242.0.
- While campus network and Internet access are provided to all faculty and is available in all dormitories at Southeastern, the percentage of classrooms covered by wireless network access is quite low. Only 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 29.2 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 295 MB and at Public Universities is 391 MB.



## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
Number of Respondents	1	523	77
<b>General Campus Policies About Desktop Computers</b>			
<b>Does your Institution have:</b>		<b>% Yes</b>	<b>% Yes</b>
A formal policy promoting or mandating computers/technology resources for			
Curriculum utilization?	No	31.1 %	28.9 %
Undergraduates?	No	33.8 %	36.8 %
Graduate/professional students?	No	21.8 %	36.8 %
Distance education?	No	36.3 %	43.4 %
A computer instruction/competency, technology/information literacy requirement for		<b>% Yes</b>	<b>% Yes</b>
All undergraduates?	Yes	40.3 %	30.3 %
All faculty?	No	10.9 %	3.9 %
All administrators?	No	9.4 %	2.6 %
All staff?	No	10.9 %	3.9 %
A special computer use/technology fee or annual/term computer use charge for all students?	Yes	57.0 %	80.5 %
Average annual computer use fee (where charged)	\$100	\$138	\$167
A written policy/code of conduct/acceptable use policy for		<b>% Yes</b>	<b>% Yes</b>
Campus e-mail accounts?	Yes	97.7 %	97.4 %
Campus-hosted individual/personal Web pages?	Yes	81.1 %	85.7 %
Duplication of copyrighted software/software piracy?	Yes	97.9 %	100.0 %
Fair use of copyrighted content (books, articles, etc.)?	Yes	93.1 %	96.1 %
Downloading commercial music/videos from the web?	Yes	90.8 %	93.5 %
Student use of social networking sites (Facebook, MySpace, etc.)?	No	21.2 %	13.0 %
<b>Operating systems recommended/supported</b>		<b>% Yes</b>	<b>% Yes</b>
Mac OS X	Yes	92.6 %	100.0 %
UNIX	Yes	55.0 %	80.5 %
Linux	Yes	73.3 %	92.2 %
Windows 2000/XP	Yes	94.1 %	92.2 %
Windows Vista	No	58.7 %	68.8 %
Windows System 7	No	86.7 %	84.4 %
Open VMS	Yes	9.5 %	10.4 %
Sun/Open Solaris	No	38.1 %	72.7 %
Novell	Yes	22.3 %	31.2 %
None (No O/S Recommendation)		0.4 %	-

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>General Campus Policies About Desktop Computers (Continued)</b>			
<b>Does your institution require or strongly recommend</b>			
Computers for all undergraduate students?			
No		47.4 %	40.3 %
Recommend	Recommend	45.7 %	53.3 %
Require		6.9 %	6.5 %
Computers for undergraduates in specific disciplines or academic programs?			
No		36.2 %	7.8 %
Recommend	Recommend	41.5 %	46.8 %
Require		22.3 %	45.5 %
Smart phones for undergraduates in specific disciplines or academic programs?			
No		94.5 %	93.5 %
Recommend	Recommend	5.5 %	6.5 %
Require		- %	- %
iPods or other multi-media devices in specific disciplines/academic programs			
No	No	86.5 %	76.6 %
Recommend		10.3 %	19.5 %
Require		3.2 %	3.9 %
Cell phones for all students?			
No	No	87.8 %	88.3 %
Recommend		12 %	10.4 %
Require		0.2 %	1.3 %
Smart phones for all students?			
No	No	94.5 %	93.5 %
Recommend		5.5 %	6.5 %
Require		- %	- %
Tablet devices for all students (iPads, etc.)			
No	No	95.2 %	98.7 %
Recommend		4.4 %	1.3 %
Require		0.4 %	- %

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>General Campus Policies About Desktop Computers (Continued)</b>			
<b>As of fall 2010, will your campus have "preferred provider" agreements with technology companies that include online hardware and software resale programs linked to your campus web site?</b>			
<b>No</b>	X	22.5 %	9.1 %
<b>Yes, hardware</b>			
Acer		0.8 %	1.3 %
Apple		58.3 %	81.8 %
Dell		58.7 %	87.0 %
Gateway		1.9 %	7.8 %
HP/Compaq		25.0 %	45.5 %
Lenovo		17.0 %	28.6 %
Sony		1.7 %	7.8 %
Sun		4.8 %	14.3 %
Toshiba		3.2 %	5.2 %
<b>Yes, software</b>			
Adobe		50.5 %	70.1 %
Apple		44.0 %	67.5 %
Microsoft		70.7 %	87.0 %
Statistical Software		41.5 %	74.0 %
Virus protection/spyware products		57.0 %	83.1 %
<b>As of Fall 2010, will your institution have an initial or single sign-on campus portal?</b>			
Campus portal not available as of Fall 2010	X	13.1 %	9.1 %
Portal issue under discussion/review		9.3 %	1.3 %
Portal being installed/under development in 2010/11		9.1 %	7.8 %
Campus portal up and functioning for Fall 2010		68.4 %	81.8 %
<b>Our campus portal is/will be:</b>			
		<b>% Yes</b>	<b>% Yes</b>
Homegrown/local		19.0 %	9.7 %
Blackboard/WebCT		5.7 %	8.3 %
Campus Cruiser		0.9 %	- %
Campus EAI		6.6 %	2.8 %
Campus Management		0.4 %	- %
eCollege		0.2 %	- %
Google Sities		1.1 %	- %
Jenzabar		7.4 %	- %

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	Southeastern	All Institutions	Public Universities
Oracle/People Soft/Sun Micro		9.0 %	19.4 %
SunGard Higher Ed/Luminis		23.8 %	30.6 %
Unicon/Academus		0.9 %	1.4 %
uPortal		5.0 %	15.3 %
Other		20.1 %	12.5 %
<b>Uses of Information Technology</b>			
<b>How strongly do you agree or strongly agree:</b>		<b>% Agree or Strongly Agree</b>	<b>% Agree or Strongly Agree</b>
Faculty have unreasonable expectations about user support	Agree	46.0 %	40.3 %
Technology has improved instruction on my campus	Strongly Agree	93.9 %	94.8 %
We plan to require all students to own a computer by Fall 2011	Strongly Disagree	9.3 %	7.8 %
Access to Internet 2 by Fall 2011 is essential to our long-term tech needs	Strongly Disagree	35.6 %	81.8 %
Access to National Lambda Rail by Fall 2011 is essential to our long-term technology needs	Strongly Disagree	19.6 %	59.7 %
We are experiencing major cost over-runs/unexpected costs in our ERP deployment activities	Strongly Agree	15.8 %	13.0 %
Open source offers a viable alternative for key campus ERP applications	Disagree	29.1 %	37.7 %
Open source will play an increasing important role in our campus IT strategy	Strongly Agree	62 %	70.1 %
<b>How strongly do you agree or strongly agree:</b>		<b>% Agree or Strongly Agree</b>	<b>% Agree or Strongly Agree</b>
eBook content will be an important source for instructional resources in five years	Disagree	86.5 %	81.8 %
eBook readers (hardware) will be important platforms for instructional content in five years	Disagree	78.3 %	76.6 %
Lecture capture is an important part of our campus plan for developing and delivering instructional content.	Agree	60.5 %	79.2 %
Mobile apps are an important part of our campus plan to enhance instructional resources and campus resources	Disagree	70.3 %	77.9 %
<b>The single most important IT issue over the next 2 or 3 years is:</b>		<b>% Most Important</b>	<b>% Most Important</b>
Providing online/distance education via the web		9.9 %	11.7 %
Providing adequate user support		11.0 %	6.5 %
Assisting faculty integrate technology into instruction		12.4 %	5.2 %
Financing replacement of aging hardware/software		14.1 %	19.5 %
Integrating academic and administrative IT services		2.1 %	2.6 %

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	Southeastern	All Institutions	Public Universities
<b>Uses of Information Technology (Continued)</b>			
<b>The single most important IT issue over the next 2 or 3 years is:</b>		<b>% Most Important</b>	<b>% Most Important</b>
Network and data security		11.4 %	7.8 %
Hiring/retaining qualified IT staff		14.3 %	18.2 %
Upgrading/replacing administrative IT/ERP systems		7.8 %	6.5 %
Upgrading/replacing campus network		6.8 %	13.0 %
Upgrading/replacing emergency communications	X	0.6 %	- %
Cloud Computing		6.5 %	3.9 %
Mobile Computing		3.2 %	5.2 %
<b>Current IT/Computer Facilities and Resources</b>			
		<b>Average</b>	<b>Average</b>
Headcount enrollment on campus as of May 2010	14,117	11,408	26,672
Number of institution owned desktop or notebook computers	4,800	4,155	13,007
Number of institution owned Unix workstations	15	235	1,341
Number of personally owned computers used on campus	350	5,010	16,323
<b>Proportion of individuals who own desktop or notebook computers</b>			
Students			
Desktops	25 %	32.4 %	32.6 %
Notebooks	25 %	67.1 %	72.1 %
Faculty			
Desktops	60 %	59.2 %	67.7 %
Notebooks	25 %	45.9 %	47.9 %
<b>Number of desktop computer labs, clusters and classrooms as of May 2010</b>			
How many dedicated to departments or units?	53	112	243.3
	30	46	111.9
<b>Number of desktop computers/workstations in all labs/classrooms/clusters</b>			
Notebook/Desktop Computers	1,600	1,187	2,399
Unix Workstations	15	43	204
<b>Total number of network servers on your campus</b>			
	50	233	820
<b>Percentage of campus servers managed by</b>			
Central IT Services	100 %	86.5 %	62.8 %
Individual departments/labs/units	0 %	11.0 %	36.0 %
<b>Percentage of operating systems installed on institutionally-owned computers and servers</b>			
Computers/clients			
Mac	3 %	16.4 %	17.6 %
Windows 2000/XP	84 %	55.5 %	47.3 %



## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Current IT/Computer Facilities and Resources (Continued)</b>			
<b>Percentage of operating systems installed on institutionally-owned computers and servers</b>			
Windows Vista	1 %	6.4 %	10.0 %
Windows System 7	0 %	18.3 %	16.5 %
Unix	1 %	1.4 %	2.9 %
Linux	11 %	2.7 %	5.3 %
<b>Network servers</b>			
Mac	0 %	3.3 %	4.2 %
Windows 2000/03	35 %	62.3 %	45.7 %
Solaris/Open Solaris	0 %	5.6 %	13.3 %
Unix (non-Solaris)	5 %	5.2 %	9.4 %
Linux	35 %	16.3 %	23.2 %
Novell	25 %	4.1 %	1.9 %
<b>Total Number (FTE) of IT help desk/technical support personnel</b>	29	36.3	110.2
<b>Ratio user support (enrollment/help desk)</b>	486.8	314.3	242.0
<b>Percentage of faculty with individual/personal Web page</b>	1.0 %	30.5 %	37.5 %
<b>Percent of your faculty that have taught an online course (80% of content online):</b>			
Full-time faculty	21.0 %	19.7 %	20.0 %
Part-time faculty	15.0 %	17.4 %	18.8 %
<b>Percentage of classes that use:</b>			
Computer-based classrooms/labs	40 %	41.3 %	34.8 %
Computer-based simulations/exercises	25 %	20.0 %	16.1 %
Presentation handouts	30 %	60.3 %	58.9 %
Electronic mail	100 %	86.1 %	86.2 %
Web pages for class materials & resources	50 %	49.6 %	51.5 %
Wikis / blogs	0 %	9.1 %	10.6 %
Online video resources	0 %	15.8 %	15.9 %
Commercial courseware/instructional resources	15 %	32.8 %	29.7 %
Internet resources (from off-campus resources/Web sites)	10 %	63.6 %	61.9 %
Course management tools for online course resources	25 %	58.6 %	60.6 %
"Clickers"/classroom response system	5 %	7.4 %	10.5 %
Podcasting	1 %	4.5 %	6.1 %
ebooks and electronic textbooks	0 %	4.4 %	5.1 %
Lecture capture	0 %	4.4 %	6.8 %

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Academic &amp; Instructional Computing Policies, Procedures and Resources</b>			
<b>Does your campus/institution</b>		<b>% Yes</b>	<b>% Yes</b>
Provide support for faculty developing instructional software/courseware?	Yes	77.3 %	81.8 %
Provide support for faculty developing software for their research?	Yes	44.0 %	61.0 %
Have a program for rewarding courseware development?	No	42.5 %	54.5 %
Have a technology resource center focusing on instructional use of IT?	Yes	82.1 %	96.1 %
Have a formal plan for using Internet for marketing to off-campus audiences?	Yes	79.8 %	81.8 %
Have a formal program to reward the use of IT in faculty review/promotion process?	No	21.1 %	14.3 %
Maintain library of academic courseware?	No	29.7 %	27.3 %
Have a formal program assessing the impact of IT on instruction?	No	26.3 %	31.2 %
Have a formal policy regarding ownership of Web-based resources developed by faculty?	Yes	59.8 %	79.2 %
Assess impact of IT on instructional services and academic programs	No	43.0 %	44.2 %
Charge students for access to digital content (online reserves, course packets, etc.)?	No	7.0 %	9.1 %
Recycle most (60% or more) of the institution's used/obsolete computers?	Yes	92.0 %	92.2 %
Inform students about privacy issues related to social networking sites?	No	65.1 %	74.0 %
Maintain a campus page on Facebook	Yes	85.3 %	88.3 %
Maintain a campus page on MySpace	No	29.7 %	29.9 %
Have institutional presence on Second Life	Yes	30.3 %	51.9 %
Have institutional presence on YouTube	Yes	71.4 %	81.8 %
Have institutional presence on iTunesU	No	53.9 %	79.2 %
Maintain a public campus Wiki	No	24.6 %	31.2 %
Maintain an institutional account on Twitter	Yes	69.0 %	81.8 %
Have a campus/department license for antiplagiarism software?	Yes	65.0 %	76.6 %
<b>Does your institution have a strategic plan for:</b>			
Information technology?			
no		5.0 %	5.2 %
currently preparing a plan	currently preparing a plan	21.6 %	19.5 %
yes		73.5 %	75.3 %
Instructional technology/instruction integration?			
no		17.9 %	14.3 %
currently preparing a plan	currently preparing a plan	28.8 %	24.7 %
yes		53.2 %	61.0 %

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Academic &amp; Instructional Computing Policies, Procedures and Resources (Continued)</b>			
<b>Does your institution have a strategic plan for:</b>		<b>% Yes</b>	<b>% Yes</b>
Deploying course management tools?			
no		16.6 %	6.5 %
currently preparing a plan	currently preparing a plan	17.2 %	15.6 %
yes		66.2 %	77.9 %
Distance education?			
no		24.8 %	14.3 %
currently preparing a plan		23.7 %	33.8 %
yes	yes	51.5 %	52.0 %
Campus portal services?			
no		25.4 %	11.7 %
currently preparing a plan	currently preparing a plan	21.0 %	24.7 %
yes		53.6 %	63.6 %
Wireless networks?			
no		8.0 %	6.5 %
currently preparing a plan		11.1 %	11.7 %
yes	yes	80.9 %	81.8 %
IT disaster recovery?			
no		4.4 %	2.6 %
currently preparing a plan		31.9 %	27.3 %
yes	yes	63.7 %	70.1 %
Administrative Systems/ERP upgrade/replacement?			
no		16.4 %	6.5 %
currently preparing a plan	currently preparing a plan	14.1 %	13.0 %
yes		69.5 %	80.5 %
Digital content management?			
no		34.0 %	26.0 %
currently preparing a plan	currently preparing a plan	34.9 %	37.7 %
yes		31.1 %	36.4 %
Data warehousing			
no	no	30.0 %	11.7 %
currently preparing a plan		30.7 %	33.8 %
yes		39.3 %	54.6 %

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	Southeastern	All Institutions	Public Universities
<b>Academic &amp; Instructional Computing Policies, Procedures and Resources (Continued)</b>			
<b>Does your institution have a strategic plan for:</b>		<b>% Yes</b>	<b>% Yes</b>
Business intelligence/analytics			
no	no	41.0 %	26.0 %
currently preparing a plan		32.3 %	36.4 %
yes		26.7 %	37.7 %
Open Source deployment and development			
no	no	64.1 %	54.6 %
currently preparing a plan		17.6 %	22.1 %
yes		18.3 %	23.4 %
Podcasting course lectures/resources			
no	no	35.3 %	19.5 %
currently preparing a plan		32.6 %	37.7 %
yes		32.1 %	42.9 %
Emergency communication/notification			
no		3.6 %	2.6 %
currently preparing a plan	currently preparing a plan	8.6 %	3.9 %
yes		87.8 %	93.5 %
Digital preservation/data archiving			
no		29.8 %	23.4 %
currently preparing a plan	currently preparing a plan	40.8 %	46.8 %
yes		29.4 %	29.9 %
Cellular phones/mobile devices			
no	no	40.8 %	41.6 %
currently preparing a plan		24.8 %	26.0 %
yes		34.4 %	32.5 %
"Web 2.0" resources and services			
no	no	48.5 %	49.4 %
currently preparing a plan		35.7 %	39.0 %
yes		15.8 %	11.7 %
Cloud Computing			
no		44.3 %	26.0 %
currently preparing a plan	currently preparing a plan	40.7 %	57.1 %
yes		15.1 %	16.9 %

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	Southeastern	All Institutions	Public Universities
<b>Academic &amp; Instructional Computing Policies, Procedures and Resources (Continued)</b>			
<b>Does your institution have a strategic plan for:</b>			
Server Virtualization			
no		9.9 %	3.9 %
currently preparing a plan		22.0 %	19.5 %
yes	yes	68.1 %	76.6 %
508 accessibility/compliance for Web pages/resources			
no		30.9 %	16.9 %
currently preparing a plan	currently preparing a plan	29.4 %	33.8 %
yes		39.7 %	49.4 %
Email and document archiving to address eDiscovery			
no	no	35.3 %	29.9 %
currently preparing a plan		37.0 %	36.4 %
yes		27.7 %	33.8 %
Mobile applications, resources and services			
no	no	50.2 %	37.7 %
currently preparing a plan		41.2 %	52.0 %
yes		8.6 %	10.4 %
<b>Has your institution established a single product standard for:</b>			
Desktop/notebook computer operating system?			
No	No	82.3 %	100.0 %
Macintosh		0.4 %	- %
Windows 2000/XP		7.8 %	- %
Windows Vista		0.8 %	- %
Windows System 7		8.6 %	- %
Linux		0.2 %	- %
<b>Has your institution established a single product standard for:</b>			
Desktop/notebook product or manufacturer?			
No	No	73.9 %	92.2 %
Acer		- %	- %
Apple		1.3 %	- %
Dell		15.2 %	6.5 %
Gateway		- %	- %
Hewlett Packard		5.9 %	- %

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	Southeastern	All Institutions	Public Universities
<b>Academic &amp; Instructional Computing Policies, Procedures and Resources (Continued)</b>			
Desktop/notebook product or manufacturer?			
Lenovo		3.2 %	1.3 %
Sony		- %	- %
Toshiba		- %	- %
Other		0.4 %	- %
Course management system?			
No		6.9 %	9.1 %
Blackboard/WebCT	Blackboard	57.1 %	68.8 %
CampusCrusier		- %	- %
Desire2Learn		10.1 %	5.2 %
eCollege		1.3 %	- %
Moodle		16.4 %	5.2 %
Sakai		4.6 %	10.4 %
Other		3.6 %	1.3 %
<b>As of fall 2010 has your campus activated mobile apps for your learning management system?</b>			
No	No	52.0 %	35.1 %
Yes		13.1 %	20.8 %
Planned for later this academic year (2010-11)		10.1 %	11.7 %
Currently under review		24.8 %	32.5 %
<b>What academic resources/services are on your campus Web site?</b>		<b>% Yes</b>	<b>% Yes</b>
Undergraduate admissions applications	Yes	98.9 %	100.0 %
Financial aid application	Yes	95.0 %	97.4 %
Current course catalog	Yes	99.6 %	100.0 %
Program/major/degree requirements	Yes	97.7 %	97.4 %
Course registration	Yes	98.1 %	100.0 %
Course add/drop options	Yes	93.3 %	100.0 %
E-commerce (fee payments, etc.)	Yes	93.0 %	96.1 %
Online courses (i.e., full course online)	Yes	81.5 %	48.1 %
Student ePortfolios	Yes	45.0 %	100.0 %
Library/card catalog	Yes	96.4 %	100.0 %
Interlibrary loan services	Yes	89.7 %	98.7 %
Journals and reference resources	Yes	96.0 %	100.0 %
Course reserves	Yes	68.8 %	85.7 %

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	Southeastern	All Institutions	Public Universities
<b>Academic &amp; Instructional Computing Policies, Procedures and Resources (Continued)</b>			
<b>What academic resources/services are on your campus Web site?</b>			
Student transcripts	Yes	91.6 %	94.8 %
Degree audit software	Yes	78.7 %	88.3 %
IT support resources	Yes	94.5 %	97.4 %
IT training/tutorials	Yes	87.6 %	94.8 %
IT self-help resources	No	75.2 %	85.7 %
Instructional software	Yes	69.3 %	93.5 %
Desktop software (MS Office, etc.)	No	58.5 %	80.5 %
Faculty/staff directory	Yes	97.9 %	100.0 %
Campus dining services	Yes	73.7 %	96.1 %
Campus housing services	Yes	67.4 %	97.4 %
Student health services	Yes	64.2 %	89.6 %
Student newspaper	Yes	76.8 %	90.9 %
Student handbook	Yes	96.2 %	96.1 %
Athletic event schedule	Yes	90.7 %	97.4 %
Alumni information/services	Yes	91.4 %	94.8 %
Press releases/media services	Yes	96.0 %	98.7 %
Campus book store	Yes	91.2 %	93.5 %
Computer resale services	Yes	36.8 %	57.1 %
Campus calendar	Yes	89.1 %	90.9 %
Personalized student calendar	Yes	57.3 %	67.5 %
Campus OneCard account services	Yes	49.7 %	76.6 %
Digital Music Service (Napster, etc.)	No	10.7 %	18.2 %
<b>Future Issues Affecting Campus Computing</b>			
<b>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")</b>		<b>Average</b>	<b>Average</b>
Operating system/interface/development tools			
Windows XP	7	3.4	3.2
Windows Vista	6	2.2	2.7
Windows 7	6	6.4	6.3
Windows Server	5	6.3	6.1
Macintosh OS X (client)	4	5.5	5.6
Macintosh OS X (server)	2	3.9	4.0
Solaris/Open Solaris	2	2.8	4.4
Unix	6	3.8	4.9

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Future Issues Affecting Campus Computing (Continued)</b>		<b>Average</b>	<b>Average</b>
Linux (client)	5	3.5	4.4
Linux (server)	6	5.3	6.2
Hardware			
Notebook computers	7	6.2	6.2
Netbook computers	4	4.8	4.9
Thin client computers	4	4.6	4.7
Unix workstations	5	2.4	3.5
Tablet computers	6	4.0	4.3
Cellular/mobile phones	3	5.3	5.7
Smart phones	2	5.7	6.0
iPods/MP3 players	1	4.3	4.7
Tablet devices (iPads, etc.)	5	5.1	5.3
Instructional applications and resources			
Developing instructional software	7	4.2	4.3
Using instructional software in classes	7	6.1	6.1
Using instructional software as a supplement to classes	7	6.2	6.3
Computer-based classroom presentation facilities	7	6.5	6.4
Internet resources for instruction	7	6.5	6.4
Web pages for classes	7	5.6	5.8
Web-based tutorials	7	5.6	5.7
e-Books (e-textbooks)	7	5.3	5.1
Course / learning management systems	5	6.6	6.7
On-line course evaluation	7	6.0	6.2
Classroom "clickers"	5	4.8	5.4
Lecture capture	5	5.1	5.8
Wireless access in campus classrooms	5	6.3	6.5
User support services/campus IT services			
On-line IT training	7	5.5	5.5
On-line technical support	7	6.0	6.0
Computer resale program	7	2.9	3.2
Computer repair services	7	4.3	4.1
Help-desk services	7	6.6	6.5
Alumni e-mail accounts	7	4.5	4.8
Alumni services via the campus Web site	7	5.2	5.1
Student eProfiles	7	5.0	5.1



## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Future Issues Affecting Campus Computing (Continued)</b>		<b>Average</b>	<b>Average</b>
Networking & Internet/Web issues & resources			
Wi-Max networks	4	4.3	4.5
Migrating to 80211n	5	5.8	6.0
Voice over IP	7	5.9	5.9
Microsoft Exchange	2	5.2	5.4
Java	6	5.3	6.0
XML (SOAP)	5	5.3	5.8
Microsoft.net	5	4.7	4.6
Microsoft Sharepoint	3	4.7	4.8
Open Net/Java Enterprise (Sun)	2	3.8	4.4
Gigabit Ethernet	7	6.5	6.5
Grid Computing	4	4.0	5.3
Adobe Acrobat	6	5.6	5.6
Internet videoconferencing	7	6.0	6.2
VPN/Virtual Private Networks	4	6.0	6.2
Identity management	7	6.5	6.7
Open source software	5	5.0	5.4
Student portal services	6	6.1	6.1
SCORMS standards	1	3.9	4.5
Data encryption	5	6.2	6.4
Content management systems	4	6.1	6.0
Instant messaging	6	4.8	5.1
Wikis	2	4.7	5.1
Podcasting	3	5.0	5.4
Blogging	3	4.9	4.9
Web Conferencing	3	5.7	5.9
Server Virtualization	5	6.4	6.6
Desktop Virtualization	5	5.1	5.2
Cloud Computing	6	5.3	5.6
Mobile Computing	5	5.5	5.8
Administrative software/ERP--Upgrade or replacement			
Accounting/Financial Management	6	5.7	5.8
Admissions/Recruitment	6	6.1	6.1

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Future Issues Affecting Campus Computing (Continued)</b>		<b>Average</b>	<b>Average</b>
Alumni	6	5.1	5.2
CRM software	2	5.1	5.0
Development	4	5.2	5.3
eProcurement/Purchasing	6	5.2	5.7
Human Resources	6	5.5	5.8
Student Financial Aid Management	6	5.8	6.0
Student Information Systems (SIS)	6	6.0	6.1
Business Intelligence/Analytics	2	5.5	6.0
Degree Audit	6	5.5	5.7
Student Retention/Early Warning System	6	5.7	5.8
Vendor Services/Outsourcing			
Data back-up or data storage	1	4.0	3.7
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	2.5	2.6
eProcurement	1	2.9	3.2
Student/campus portal	1	3.0	2.5
Web hosting	1	3.4	2.9
Video streaming	1	3.8	3.2
Student email services	2	5.5	5.8
<b>Rating the Technology Infrastructure</b>			
<b>(Scale from 1 ="Poor" to 7 ="Excellent")</b>		<b>Average</b>	<b>Average</b>
Computer networks and data communication	6	6.1	6.2
Telecommunications and phone system	6	5.6	5.7
Wireless networks	6	5.7	5.6
User support services	6	5.5	5.4
On-line reference resources in campus library/library system	6	5.8	5.9
Web resources to support instruction	6	5.3	5.5
Multimedia/AV enabled classrooms	6	5.5	5.4
Campus web site services/student portal	6	5.1	5.3
Overall assessment of IT Security (network attacks,secure databases, etc.)	6	5.3	5.3
Disaster planning	6	4.6	4.5
IT training for faculty	6	4.6	4.5

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Rating the Technology Infrastructure (Continued)</b>			
<b>(Scale from 1 = "Poor" to 7 = "Excellent")</b>			
		<b>Average</b>	<b>Average</b>
IT training for students	6	3.9	3.9
Campus portal	6	4.4	4.8
Data warehousing	5	3.9	4.3
Digital dashboards/ERP analytics	3	3.2	3.4
Emergency communications/notification system(s)	5	5.6	5.8
Cellular coverage across campus	6	5.1	5.3
Mobile apps/services	4	3.0	3.4
<b>Addressing Budget Issues by:</b>			
Reducing purchases of computer technology			
Doing this already		38.2 %	50.7 %
Beginning in 2010-11		8.0 %	6.5 %
Reviewing for 2010-11		16.0 %	11.7 %
Decided not to do	Decided not to do	37.8 %	31.2 %
Charging fees to departments and service units			
Doing this already	Doing this already	26.8 %	70.1 %
Beginning in 2010-11		3.0 %	1.3 %
Reviewing for 2010-11		14.8 %	9.1 %
Decided not to do		55.3 %	19.5 %
Requiring a computer/IT fee for all students			
Doing this already	Doing this already	54.4 %	72.7 %
Beginning in 2010-11		1.0 %	5.2 %
Reviewing for 2010-11		5.9 %	7.8 %
Decided not to do		38.8 %	14.3 %
Leasing rather than buying hardware			
Doing this already		20.3 %	24.7 %
Beginning in 2010-11		1.5 %	2.6 %
Reviewing for 2010-11		14.6 %	18.2 %
Decided not to do	Decided not to do	63.5 %	54.6 %
Reducing hours in public access facilities			
Doing this already		23.4 %	32.5 %
Beginning in 2010-11		2.7 %	1.3 %
Reviewing for 2010-11		10.3 %	14.3 %
Decided not to do	Decided not to do	63.7 %	52.0 %

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Addressing Budget Issues by (Continued):</b>			
Reducing services			
Doing this already		27.0 %	33.8 %
Beginning in 2010-11		5.1 %	9.1 %
Reviewing for 2010-11	Reviewing for 2010-11	16.9 %	23.4 %
Decided not to do		51.0 %	33.8 %
Phasing out public computer labs			
Doing this already		10.3 %	13.0 %
Beginning in 2010-11		2.9 %	6.5 %
Reviewing for 2010-11		19.4 %	32.5 %
Decided not to do	Decided not to do	67.5 %	48.1 %
Reorganizing operations			
Doing this already		54.4 %	64.9 %
Beginning in 2010-11		8.2 %	7.8 %
Reviewing for 2010-11	Reviewing for 2010-11	17.7 %	19.5 %
Decided not to do		19.8 %	7.8 %
Reducing staff			
Doing this already		33.8 %	49.4 %
Beginning in 2010-11		5.9 %	9.1 %
Reviewing for 2010-11	Reviewing for 2010-11	9.7 %	14.3 %
Decided not to do		50.6 %	27.3 %
Using information technology to reduce instructional costs			
Doing this already	Doing this already	49.4 %	66.2 %
Beginning in 2010-11		2.7 %	1.3 %
Reviewing for 2010-11		22.1 %	16.9 %
Decided not to do		25.9 %	15.6 %
Making greater use of student assistants for user support services			
Doing this already	Doing this already	73.4 %	80.5 %
Beginning in 2010-11		3.2 %	5.2 %
Reviewing for 2010-11		8.8 %	6.5 %
Decided not to do		14.6 %	7.8 %

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Addressing Budget Issues by (Continued):</b>			
Outsourcing computing/IT services to commercial providers			
Doing this already	Doing this already	21.1 %	24.718.4 %
Beginning in 2010-11		3.8 %	7.8 %
Reviewing for 2010-11		20.0 %	28.6 %
Decided not to do		55.1 %	39.0 %
Outsourcing student portal services to commercial providers			
Doing this already		6.8 %	9.15.3 %
Beginning in 2010-11		1.3 %	1.3 %
Reviewing for 2010-11		10.1 %	5.2 %
Decided not to do	Decided not to do	81.8 %	84.4 %
Outsourcing user support services to commercial providers			
Doing this already		8.9 %	11.7 %
Beginning in 2010-11		0.6 %	2.6 %
Reviewing for 2010-11		14.3 %	15.6 %
Decided not to do	Decided not to do	76.2 %	70.1 %
Outsourcing ERP services			
Doing this already		8.8 %	9.1 %
Beginning in 2010-11		0.4 %	- %
Reviewing for 2010-11		9.5 %	15.6 %
Decided not to do	Decided not to do	81.4 %	75.3 %
Outsourcing ResNet services			
Doing this already		6.7 %	6.5 %
Beginning in 2010-11		0.6 %	1.3 %
Reviewing for 2010-11		8.9 %	13.0 %
Decided not to do	Decided not to do	83.8 %	79.2 %
Outsourcing student email services			
Doing this already		41.1 %	46.8 %
Beginning in 2010-11		10.7 %	9.1 %
Reviewing for 2010-11		22.8 %	23.4 %
Decided not to do	Decided not to do	25.5 %	20.8 %

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Addressing Budget Issues by (Continued):</b>			
Delaying/deferring ERP deployment/replacement/upgrades			
Doing this already		15.4 %	18.2 %
Beginning in 2010-11		3.2 %	7.8 %
Reviewing for 2010-11		9.9 %	11.7 %
Decided not to do	Decided not to do	71.5 %	62.3 %
Deferring/reducing use of consultants on IT projects			
Doing this already		47.7 %	57.1 %
Beginning in 2010-11		3.2 %	5.2 %
Reviewing for 2010-11	Reviewing for 2010-11	13.7 %	14.3 %
Decided not to do		35.4 %	23.4 %
Reviewing options for the campus standard Learning Management System			
Doing this already		37.1 %	39.0 %
Beginning in 2010-11		7.6 %	9.1 %
Reviewing for 2010-11		28.7 %	28.6 %
Decided not to do	Decided not to do	26.6 %	23.4 %
Migrating to Software as a Service/SaaS ERP applications			
Doing this already		10.7 %	15.6 %
Beginning in 2010-11		2.7 %	5.2 %
Reviewing for 2010-11	Reviewing for 2010-11	27.0 %	28.6 %
Decided not to do		59.7 %	50.7 %
Migrating to Open Source for ERP software and services			
Doing this already		5.5 %	10.4 %
Beginning in 2010-11		0.4 %	- %
Reviewing for 2010-11	Reviewing for 2010-11	11.6 %	14.3 %
Decided not to do		82.5 %	75.3 %
Migrating to Open Source for Learning Management System			
Doing this already		24.3 %	18.2 %
Beginning in 2010-11		3.0 %	1.3 %
Reviewing for 2010-11		34.0 %	36.4 %
Decided not to do	Decided not to do	38.6 %	44.2 %
Migrating to Open Source for digital content for the library curriculum etc.			
Doing this already		22.4 %	26 %
Beginning in 2010-11		2.3 %	1.3 %
Reviewing for 2010-11	Reviewing for 2010-11	27.4 %	29.9 %
Decided not to do		47.9 %	42.9 %

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Addressing Budget Issues by (Continued):</b>			
Migrating to Open Source for desktop application software			
Doing this already		10.8 %	10.4 %
Beginning in 2010-11		0.8 %	- %
Reviewing for 2010-11	Reviewing for 2010-11	21.1 %	27.3 %
Decided not to do		67.3 %	62.3 %
<b>Strategic, Budget and Personnel Issues</b>			
<b>(Scale from 1 = "Not Important" to 7 = "Very Important")</b>			
		<b>Average</b>	<b>Average</b>
Assessing benefits of existing investment in computing and technology resources	7	6.1	6.0
Clarifying goals and campus plans for technology resources	7	6.5	6.4
Providing incentives and rewards for faculty to support tech. integration into the curriculum	6	4.6	4.7
Allocating campus funds to support expanded services	6	5.4	5.3
Faculty concerns about the benefits of computing in the curriculum	6	4.7	4.8
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	5.1
Establishing/maintaining campus-wide standards for software	7	5.9	5.4
Operating a computer resale program for students & faculty	5	2.4	2.9
Developing budget mechanism to replace aging equipment on a routine basis	6	6.2	6.2
Using technology based commercial curriculum products	6	4.5	4.3
Using technology resources to enhance distance education program	7	5.4	6.0
Negotiating site licensing with textbook publishers	7	4.3	4.0
Negotiating site licensing with academic publishers	6	4.5	4.4
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	6.4	6.3
Retaining current IT personnel, given off-campus competition	7	5.9	6.0
Moving more of our user support services to the Web	6	5.9	5.9
Surveying student and faculty about IT issues and services	6	5.8	5.8
Assessing the return on investment for IT spending/resources	6	5.6	5.8
Researching the total cost of ownership (TCO) for IT purchases	5	5.4	5.7
Migrating administrative ERP services to the Cloud	3	3.0	3.1
Migrating instructional computing resources to the Cloud	6	3.7	3.6
Using Open Source tools and applications	5	4.5	4.8
Supporting smart phones	4	5.1	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	5.5	5.9

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Strategic, Budget and Personnel Issues</b>			
<b>(Scale from 1 = "Not Important" to 7 = "Very Important")</b>			
		<b>Average</b>	<b>Average</b>
Storage management	3	6.0	6.3
Server consolidation	3	6.1	6.4
Server virtualization	3	6.3	6.5
IT Business Continuity	4	6.0	6.1
Identity Management	5	6.2	6.6
Business analytic/intelligence	3	5.4	5.9
Environmental ("green") issues in the acquisition and disposal of IT hardware	4	5.5	5.7
Hosted applications/Software as a Service (SaaS)	6	4.4	4.8
Providing mobile services for our ERP/administrative systems	3	4.2	4.2
Providing mobile services for our LMS/learning management system	5	4.8	5.0
Federated Identity Management	4	4.8	5.6
<b>This Year's Computing Budget Compared to Last Year's</b>			
Total computing budget for central IT services			
Reduced >5%		15.0 %	14.3 %
Reduced 3-5%		11.4 %	24.7 %
Reduced 1-3%		15.2 %	20.8 %
No change		32.5 %	29.9 %
Increased 1-3%	Increased 1-3%	17.1 %	3.9 %
Increased 3-5%		3.2 %	1.3 %
Increased >5%		5.5 %	5.2 %
Total academic computing budget			
Reduced >5%		12.7 %	10.4 %
Reduced 3-5%		10.1 %	20.8 %
Reduced 1-3%		13.7 %	23.4 %
No change		39.5 %	27.3 %
Increased 1-3%	Increased 1-3%	16.9 %	11.7 %
Increased 3-5%		4.4 %	2.6 %
Increased >5%		2.7 %	3.9 %
Total administrative computing budget			
Reduced >5%		13.7 %	11.7 %
Reduced 3-5%		9.7 %	19.5 %
Reduced 1-3%	Reduced 1-3%	15.0 %	23.4 %
No change		39.2 %	33.8 %
Increased 1-3%		15.8 %	6.5 %
Increased 3-5%		4.0 %	2.6 %
Increased >5%		2.7 %	2.6 %



## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>This Year's Computing Budget Compared to Last Year's (Continued)</b>			
Purchases of computers by academic computing units			
Reduced >5%		10.8 %	6.5 %
Reduced 3-5%		7.6 %	14.3 %
Reduced 1-3%		16.0 %	32.5 %
No change	No change	49.1 %	42.9 %
Increased 1-3%		11.8 %	3.9 %
Increased 3-5%		3.0 %	- %
Increased >5%		1.7 %	- %
Purchases of computers by administrative computing units			
Reduced >5%		12.6 %	6.5 %
Reduced 3-5%		8.4 %	19.5 %
Reduced 1-3%		16.9 %	27.3 %
No change	No change	48.1 %	41.6 %
Increased 1-3%		9.7 %	3.9 %
Increased 3-5%		2.7 %	- %
Increased >5%		1.7 %	1.3 %
Purchases of computers by academic departments			
Reduced >5%		12.9 %	10.4 %
Reduced 3-5%		7.8 %	15.6 %
Reduced 1-3%		14.6 %	20.8 %
No change	No change	51.3 %	49.4 %
Increased 1-3%		10.1 %	3.9 %
Increased 3-5%		2.1 %	- %
Increased >5%		1.1 %	- %
All institutional purchases of desktop/notebook computers			
Reduced >5%		12.9 %	6.5 %
Reduced 3-5%		8.4 %	14.3 %
Reduced 1-3%		16.5 %	27.3 %
No change	No change	41.4 %	46.8 %
Increased 1-3%		15.0 %	3.9 %
Increased 3-5%		3.2 %	- %
Increased >5%		2.5 %	1.3 %

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>This Year's Computing Budget Compared to Last Year's (Continued)</b>			
Institutional support for public computer labs			
Reduced >5%		8.9 %	6.5 %
Reduced 3-5%		5.1 %	9.1 %
Reduced 1-3%		12.0 %	26.0 %
No change	No change	59.7 %	50.7 %
Increased 1-3%		10.1 %	6.5 %
Increased 3-5%		2.7 %	- %
Increased >5%		1.5 %	1.3 %
Network servers			
Reduced >5%		7.0 %	3.9 %
Reduced 3-5%		5.5 %	6.5 %
Reduced 1-3%		11.2 %	19.5 %
No change	No change	51.9 %	50.7 %
Increased 1-3%		15.8 %	16.9 %
Increased 3-5%		5.7 %	- %
Increased >5%		2.9 %	2.6 %
Server software and related products			
Reduced >5%		5.9 %	5.2 %
Reduced 3-5%		5.3 %	5.2 %
Reduced 1-3%		8.2 %	14.3 %
No change	No change	56.1 %	52.0 %
Increased 1-3%		17.3 %	18.2 %
Increased 3-5%		4.8 %	2.6 %
Increased >5%		2.5 %	2.6 %
Wireless network			
Reduced >5%		5.7 %	2.6 %
Reduced 3-5%		3.4 %	2.6 %
Reduced 1-3%		4.9 %	6.5 %
No change	No change	46.2 %	55.8 %
Increased 1-3%		19.8 %	20.8 %
Increased 3-5%		10.3 %	7.8 %
Increased >5%		9.7 %	3.9 %

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>This Year's Computing Budget Compared to Last Year's (Continued)</b>			
User training and support			
Reduced >5%		8.6 %	10.4 %
Reduced 3-5%		5.1 %	7.8 %
Reduced 1-3%		10.1 %	18.2 %
No change	No change	62.7 %	57.1 %
Increased 1-3%		9.9 %	6.5 %
Increased 3-5%		2.3 %	- %
Increased >5%		1.3 %	- %
Professional development for IT personnel			
Reduced >5%	Reduced >5%	10.3 %	7.8 %
Reduced 3-5%		6.7 %	14.3 %
Reduced 1-3%		12.7 %	26.0 %
No change		53.0 %	46.8 %
Increased 1-3%		12.6 %	3.9 %
Increased 3-5%		2.9 %	1.3 %
Increased >5%		1.9 %	- %
Campus portal services			
Reduced >5%		4.4 %	3.9 %
Reduced 3-5%		3.0 %	2.6 %
Reduced 1-3%		5.7 %	11.7 %
No change	No change	66.5 %	66.2 %
Increased 1-3%		12.0 %	13.0 %
Increased 3-5%		3.4 %	1.3 %
Increased >5%		4.9 %	1.3 %
ERP software and services			
Reduced >5%		3.2 %	2.6 %
Reduced 3-5%		2.7 %	1.3 %
Reduced 1-3%		5.5 %	10.4 %
No change	No change	57.2 %	64.9 %
Increased 1-3%		18.6 %	18.2 %
Increased 3-5%		6.7 %	1.3 %
Increased >5%		6.1 %	1.3 %

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>This Year's Computing Budget Compared to Last Year's (Continued)</b>			
Cloud computing resources/services/migration			
Reduced >5%		3.6 %	- %
Reduced 3-5%		3.0 %	5.2 %
Reduced 1-3%		3.0 %	1.3 %
No change	No change	65.8 %	70.1 %
Increased 1-3%		17.1 %	19.5 %
Increased 3-5%		4.4 %	2.6 %
Increased >5%		3.0 %	1.3 %
Mobile computing resources/services			
Reduced >5%		4.0 %	1.3 %
Reduced 3-5%		2.1 %	2.6 %
Reduced 1-3%		3.2 %	3.9 %
No change	No change	62.7 %	55.8 %
Increased 1-3%		20.9 %	26.0 %
Increased 3-5%		5.5 %	6.5 %
Increased >5%		1.5 %	3.9 %
Tech resources for smart classrooms			
Reduced >5%		5.5 %	1.3 %
Reduced 3-5%		3.8 %	3.9 %
Reduced 1-3%		6.1 %	9.1 %
No change	No change	51.5 %	62.3 %
Increased 1-3%		23.6 %	16.9 %
Increased 3-5%		7.0 %	3.9 %
Increased >5%		2.5 %	2.6 %
External service providers			
Reduced >5%		7.2 %	7.8 %
Reduced 3-5%		5.3 %	5.2 %
Reduced 1-3%		6.8 %	7.8 %
No change		64.3 %	64.9 %
Increased 1-3%	Increased 1-3%	11.2 %	11.7 %
Increased 3-5%		3.2 %	1.3 %
Increased >5%		1.9 %	1.3 %

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>This Year's Computing Budget Compared to Last Year's (Continued)</b>			
Security issues	No change		
Reduced >5%		3.8 %	1.3 %
Reduced 3-5%		2.3 %	2.6 %
Reduced 1-3%		3.4 %	3.9 %
No change		49.1 %	42.9 %
Increased 1-3%		27.4 %	31.2 %
Increased 3-5%		7.4 %	10.4 %
Increased >5%		6.7 %	7.8 %
Identity management	No change		
Reduced >5%		4.0 %	1.3 %
Reduced 3-5%		2.5 %	3.9 %
Reduced 1-3%		3.4 %	5.2 %
No change		57.6 %	42.9 %
Increased 1-3%		19.4 %	31.2 %
Increased 3-5%		7.2 %	5.2 %
Increased >5%		5.9 %	10.4 %
Consultants for IT projects and services	Reduced >5%		
Reduced >5%		12.9 %	13 %
Reduced 3-5%		9.1 %	11.7 %
Reduced 1-3%		11.6 %	14.3 %
No change		46.0 %	40.3 %
Increased 1-3%		13.9 %	18.2 %
Increased 3-5%		3.0 %	2.6 %
Increased >5%		3.4 %	- %
Data warehousing	No change		
Reduced >5%		4.0 %	1.3 %
Reduced 3-5%		2.1 %	2.6 %
Reduced 1-3%		4.4 %	3.9 %
No change		68.6 %	74.0 %
Increased 1-3%		13.5 %	13.0 %
Increased 3-5%		4.4 %	3.9 %
Increased >5%		3.0 %	1.3 %

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>This Year's Computing Budget Compared to Last Year's (Continued)</b>			
CRM services/software			
Reduced >5%		4.4 %	3.9 %
Reduced 3-5%		3.0 %	3.9 %
Reduced 1-3%		4.2 %	6.5 %
No change	No change	72.8 %	74.0 %
Increased 1-3%		9.7 %	10.4 %
Increased 3-5%		3.2 %	1.3 %
Increased >5%		2.7 %	- %
Supporting Open Source projects/applications			-
Reduced >5%		6.1 %	6.5 %
Reduced 3-5%		3.4 %	3.9 %
Reduced 1-3%		5.3 %	5.2 %
No change	No change	73.2 %	68.8 %
Increased 1-3%		9.1 %	13.0 %
Increased 3-5%		2.3 %	1.3 %
Increased >5%		0.6 %	1.3 %
Business Continuity			
Reduced >5%		4.2 %	2.6 %
Reduced 3-5%		2.3 %	2.6 %
Reduced 1-3%		3.4 %	5.2 %
No change	No change	65.2 %	63.6 %
Increased 1-3%		16.7 %	19.5 %
Increased 3-5%		4.4 %	5.2 %
Increased >5%		3.8 %	1.3 %
Business analytical/Business intelligence products			
Reduced >5%		3.6 %	2.610.5 %
Reduced 3-5%		2.9 %	2.6 %
Reduced 1-3%		4.0 %	7.8 %
No change	No change	62.0 %	59.7 %
Increased 1-3%		17.5 %	18.2 %
Increased 3-5%		5.5 %	3.9 %
Increased >5%		4.6 %	5.2 %

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>This Year's Computing Budget Compared to Last Year's (Continued)</b>			
Emergency communication/notification services			
Reduced >5%		2.7 %	1.3 %
Reduced 3-5%		1.9 %	1.3 %
Reduced 1-3%		2.9 %	2.6 %
No change	No change	66.2 %	66.2 %
Increased 1-3%		17.1 %	22.1 %
Increased 3-5%		5.5 %	2.6 %
Increased >5%		3.8 %	3.9 %
<b>The Technology Budget</b>		<b>Average</b>	<b>Average</b>
<b>Percentage institutions experiencing computing mid-year budget cut in 2009-10</b>		28.1 %	41.6 %
Percentage of budget that was cut	2 %	2.6 %	2.4 %
<b>Total (average) central computing budget 2010-11</b>	\$3,483,968	\$ 8,035,883	\$22,378,032
<b>Percent of budget allocated to:</b>			
Hardware	2 %	18.3 %	13.6 %
Software	1 %	14 %	10.8 %
Personnel	59 %	52.4 %	56.9 %
Content licenses	4 %	5.8 %	4.4 %
User support	3 %	14.6 %	15.3 %
Network service/support	29 %	13.8 %	16.2 %
<b>Central computing/IT budget as an estimated percentage of total campus IT spending</b>	91 %	62.6 %	50.6 %
<b>All IT expenditures as an estimated percentage of total campus expenditures</b>	3 %	6.4 %	5.4 %
<b>Does your institution have a financial plan to upgrade/enhance/replace the campus network?</b>			
No current plan/policy		10.5 %	2.6 %
Under discussion/development	Under discussion/development	29.1 %	32.5 %
Currently funded network replacement/upgrade plan		60.5 %	64.9 %
<b>How does your institution deal with the "life cycle" of desktop computers for faculty, classrooms, clusters, and labs?</b>			
One time allocation		7.8 %	16.9 %
Developing budget		21.7 %	33.8 %
Have budget	Have budget	70.5 %	49.4 %

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Current replacement cycle for desktop/notebook computers (years)</b>			
Student labs			
1 year		0.4 %	- %
2 years		3.6 %	- %
3 years	3 years	35.9 %	45.5 %
4 years		44.1 %	41.6 %
5 years		16.0 %	13.0 %
Faculty offices			
1 year		0.2 %	- %
2 years		1.1 %	- %
3 years		20.3 %	23.4 %
4 years		55.5 %	57.1 %
5 years	5 years	22.8 %	19.5 %
Administrative offices			
1 year		0.2 %	- %
2 years		0.2 %	- %
3 years		16.5 %	26.0 %
4 years		56.3 %	55.8 %
5 years	5 years	26.8 %	18.2 %
<b>Emergency Notification</b>			
<b>As of September 2010, will your institution have an operational campus-wide (emergency) notification system?</b>			
No		1.7 %	- %
Yes	X		
<b>If Yes, what elements of the notification sys are functional as of September 2009?</b>			
Sirens	X	44.3 %	58.4 %
PA System	X	51.7 %	54.5 %
Electronic signs / displays		41.6 %	41.6 %
Notice on campus web site / portal	X	87.1 %	97.4 %
Email	X	94.1 %	100.0 %
SMS / text messaging	X	91.3 %	97.4 %
RSS		17.1 %	28.6 %
Twitter		16.7 %	19.5 %
Voice mail to campus phones (offices / dorms)	X	73.6 %	68.8 %



## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Emergency Notification (Continued)</b>			
Voice mail to off campus land lines (homes / apartments)	X	53 %	54.5 %
Voice mail to mobile phones		62.4 %	62.3 %
<b>Campus policy for emergency notification services is "opt in" (req registration)</b>		69.8 %	80.5 %
<b>As of September 2010, will your institution use a third party provider for notification software or services?</b>			
No		- %	- %
Yes	X		
<b>If Yes: please indicate the name of the company that your campus uses for notification services.</b>			
Blackboard Connect		29.9 %	15.2 %
CampusCrusier		0.7 %	- %
E2Campus		17.8 %	12.1 %
3n/Evenbridge		5.8 %	10.6 %
MIR3		1.8 %	1.5 %
Rave		9.7 %	22.7 %
SchoolMessenger		1.4 %	- %
Send Word Now		2.5 %	3.0 %
Swiftreach Networks		- %	- %
Other	X	30.6 %	34.9 %
<b>Over the past year (2009-10), how did you use your notification service?</b>			
emergency notification	X	93.7 %	97.4 %
student recruitment (contacting prospective students)		2.9 %	2.6 %
student services (academic services for current students)		5.7 %	5.2 %
alumni contact/services		0.8 %	1.3 %
<b>Web and Networking Issues</b>			
<b>How important are the following issues on your campus? (Scale from 1 ="Not Important" to 7 ="Very Important")</b>		<b>Average</b>	<b>Average</b>
Supporting instructional labs & clusters	7	6.0	6.0
Digital image libraries/archives	5	5.0	5.3
Video/rich media streaming	5	5.1	5.3

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Web and Networking Issues (Continued)</b>			
Disaster recovery	7	6.1	6.1
Virtual private networks (VPN)	6	5.6	6.1
Network security	7	6.7	6.7
Gigabit ethernet	7	5.9	6.3
Grid computing	5	3.2	4.7
Cloud computing	6	4.6	4.8
Electronic commerce	5	4.9	5.1
Wi-Max wireless networks	6	3.7	4.1
Making campus networks accessible to 3G phones	6	4.2	4.9
Quality of cellular coverage that commercial services provide for your campus	1	4.4	4.9
Guest access/services on the campus network	6	4.8	5.2
Data encryption	6	5.7	6.0
Replacement cycle for network infrastructure	6	6.0	6.1
Identity management	6	5.9	6.4
Bandwidth for Software as a Service/SaaS applications	4	4.2	4.5
Internet2	4	3.9	5.6
National Lambda Rail	1	3.0	4.9
Spyware/malware	7	5.7	5.8
IT Disaster Communications Capacity	7	5.7	6.0
P-20 Education Continuum/Services	1	3.1	3.8
<b>How well developed are network connections and the instructional infrastructure?</b>			
Percentage of classrooms connected to the campus network/have Internet access	85 %	95.9 %	92.9 %
Percentage of classrooms with fixed computer projection capacity	25 %	77.0 %	70.6 %
Percentage of classrooms that have permanent/imbedded lecture capture capacity	4 %	10.8 %	17.0 %
Percentage of classrooms covered/served by wireless network access/services	5 %	80.5 %	82.0 %
<b>Number of wireless nodes on the campus network</b>	500	470.8	1,191.1
<b>Does your institution limit the size of email documents/attachments</b>	Yes	86.1	88.3
Maximum file size (Mbytes)	10	29.2	38.6
<b>Storage capacity for email</b>			
Student maximum file size (Gbytes)	0.1	5.6	7.9
Faculty maximum file size (Gbytes)	Not limited	5.5	7.6

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Web and Networking Issues (Continued)</b>			
<b>Does your institution limit the size of student web sites</b>	Yes	50.7	66.2
Maximum size (Mbytes)	50	295.0	391.0
<b>Is your institution reviewing or converting to outsourced/hosted applications</b>			
Hosted / Outsourced email			
Students			
No		15.2 %	9.1 %
Under review		27.0 %	27.3 %
Converting to / now using	Converting to / now using	57.8 %	63.6 %
Faculty			
No		62.4 %	54.6 %
Under review	Under review	23.0 %	29.9 %
Converting to / now using		14.6 %	15.6 %
Provider			
Google	X	53.5 %	57.1 %
Microsoft		42.8 %	36.5 %
Zimbra		3.7 %	6.4 %
Hosted / Outsourced "Office" applications			
No	No	69.8 %	59.7 %
Under review		21.7 %	23.4 %
Converting to / now using		8.6 %	16.9 %
Product			
Google Applications		54.3 %	53.9 %
Microsoft Office Live		45.7 %	46.2 %
<b>Organization, Planning and Impact Issues</b>			
<b>Is your campus part of a multicampus system with shared computing resources?</b>	Yes	51.5 %	61.0 %
<b>Academic and administrative computing are:</b>			
Separate units		22.2 %	29.9 %
One single unit	One single unit	77.8 %	70.1 %
<b>Has your institution reorganized information services units in the past 2 years?</b>			
Academic computing	No	33.5 %	53.2 %
Administrative computing	No	32.9 %	49.4 %
Libraries	No	15.0 %	14.3 %
Telecom	No	25.9 %	37.7 %

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Organization, Planning and Impact Issues (Continued)</b>			
<b>Do you anticipate a reorganization of information services units in the next 2 years?</b>		<b>% Yes</b>	<b>% Yes</b>
Academic computing	Yes	28.8 %	39.0 %
Administrative computing	Yes	27.0 %	41.6 %
Libraries	Yes	16.0 %	18.2 %
Telecom	No	26.9 %	37.7 %
<b>Has your institution reorganized in information services units in the past two years?</b>			
Academic computing	No	14.8 %	28.6 %
Administrative computing	No	14.8 %	31.2 %
Libraries	No	6.5 %	11.7 %
Telecom	No	11.0 %	28.6 %
<b>The heads of the academic and administrative units report to:</b>			
Academic computing			
President		6.1 %	1.3 %
Provost		12.7 %	15.6 %
CIO or CTO	CIO or CTO	62.6 %	67.5 %
Other vice provost/vice president		15.2 %	10.4 %
Dean		3.4 %	5.2 %
Administrative computing			
President		6.7 %	1.3 %
Provost		5.5 %	9.1 %
CIO or CTO	CIO or CTO	68.4 %	75.3 %
Other vice provost/vice president		18.4 %	14.3 %
Dean		1.0 %	- %
Libraries			
President		1.5 %	- %
Provost	Provost	61.0 %	83.1 %
CIO or CTO		10.1 %	2.6 %
Other vice provost/vice president		11.8 %	2.6 %
Dean		15.6 %	11.7 %

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Organization, Planning and Impact Issues (Continued)</b>			
<b>Does your institution have a chief information/technology officer?</b>			
No		11.2 %	2.6 %
Currently under discussion		2.1 %	- %
Yes	Yes	86.7 %	97.4 %
<b>What academic and operational units report to the CIO/CTO?</b>		<b>% Yes</b>	<b>% Yes</b>
Academic computing	Yes	85.1 %	89.5 %
Administrative computing	Yes	93.5 %	97.4 %
Libraries	No	11.5 %	2.6 %
Media center	No	60.7 %	52.6 %
Telecommunications	Yes	87.3 %	94.7 %
Distance/online education programs	No	16.4 %	6.6 %
<b>The CIO (or senior institutional computing/IT officer) reports to:</b>			
President	Yes	35.0 %	31.6 %
Provost/vice president for academic affairs		26.9 %	39.5 %
CFO/vice president for business/administration affairs		31.4 %	23.7 %
Other		6.7 %	5.3 %
<b>Is the CIO a member of the president's cabinet/executive committee?</b>	Yes	55.3 %	55.3 %
<b>Does your institution have a board / trustee committee on computing / information technology?</b>			
No	No	70.2 %	66.2 %
Under discussion		5.5 %	3.9 %
To begin in AY 2010-11		1.5 %	2.6 %
Yes, current board committee on computing / IT issues		22.8 %	27.3 %
<b>Which unit provides tech support for most departmental computer labs?</b>			
Individual department		10.3 %	40.3 %
Central IT service unit	Central IT service unit	65.4 %	19.5 %
Both		24.3 %	40.3 %
<b>What security incidents did your campus experience in the past year?</b>		<b>% Yes</b>	<b>% Yes</b>
Theft of computer(s) containing confidential data files	No	22.5 %	31.6 %
Hack/attack on the campus network	No	49.7 %	75.0 %
Hack/attack on the student/personnel/alumni data files	No	11.4 %	28.9 %
Hack/attack on administrative/financial files	No	7.4 %	15.8 %
Hack/attack on research data files	No	4.8 %	11.8 %

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Organization, Planning and Impact Issues (Continued)</b>			
Other attack on institutional data files	No	11.2 %	26.3 %
Identity management issues	No	29.7 %	43.4 %
Major computer virus infestation	No	16.2 %	15.8 %
Major spyware infestation	No	14.9 %	13.2 %
Student security "incident" related to social networking sites	No	15.8 %	15.8 %
Explore/loss of sensitive data in distributed environment	No	15.4 %	51.3 %
Intentional employee transgressions affecting IT security	No	7.8 %	9.2 %
<b>How concerned are you about the following security issues for your institution in the coming year?</b>			
<b>Security concern (Scale from 1 ="Low" to 5 ="High")</b>		<b>Average</b>	<b>Average</b>
Theft of computer(s) containing confidential data files	4	4.1	4.3
Hack/attack on the campus network	3	4.0	4.2
Hack/attack on the student/personnel/alumni data files	3	3.8	3.9
Hack/attack on administrative/financial files	4	3.8	4.0
Hack/attack on research data files	3	3.1	3.9
Other attack on institutional data files	3	3.6	3.9
Identity management issues	4	3.9	4.0
Major computer virus infestation	6	3.5	3.4
Major spyware infestation	6	3.5	3.4
Student security "incident" related to social networking sites	5	3.2	3.1
Exposure/loss of sensitive data in distributed environment	2	3.6	4.5
Intentional employee transgressions affecting IT security	5	3.2	3.2
<b>Campus strategy on Open Source tools for central IT infrastructure services</b>			
None: little if any interest in or deployment of Open Source tools		11.0 %	3.9 %
Observing: watching other institutions with interest, but no active deployment		11.6 %	6.5 %
Sampling: some activity, primarily backroom/infrastructure tools		38.2 %	32.5 %
Operational: significant deployment, focused on key operations	Operational	15.4 %	19.5 %
Mission critical: using a number of academic, administrative, and research resources		19.6 %	32.5 %
Contributing: strong support and strategy to develop new/enhance current tools		4.2 %	5.2 %
<b>Campus strategy on/engagement with Open Source applications</b>			
None: little if any interest in or deployment of Open Source applications		12.4 %	7.8 %
Observing: watching other institutions with interest, but no active deployment	Observing	28.7 %	23.4 %
Limited use: some activity, primarily testing/deployment in selected departments		29.7 %	33.8 %
Operational: significant deployment, focused on key applications		15.2 %	15.6 %

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Organization, Planning and Impact Issues (Continued)</b>			
Mission critical: using a number of academic, administrative, and research applications		9.9 %	10.4 %
Contributing: strong support and strategy to develop new/enhance current tools		4.2 %	9.1 %
<b>Open Source projects and personnel</b>			
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
<b>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 2015? (Scale 1=low; 7=high.)</b>			
Software as a Service (SAAS) Apps			
Course / Learning Management System	3	3.7	2.8
Content Management System	3	2.9	2.6
Research Management System	3	2.1	2.4
Development System	1	2.0	2.1
Financial System	1	1.9	1.8
HR System	1	2.2	1.9
Student Information System	1	1.9	1.9
Student ePortfolio System	3	3.2	2.8
Collaboration Platforms/Applications	6	3.4	3.5
Lecture Capture/Video Streaming	3	3.3	2.8
Open Source ERP Apps			
Course / Learning Management System	3	3.8	3.5
Content Management System	3	3.0	2.9
Research Management System	3	2.1	2.7
Development System	1	1.7	1.8
Financial System	1	1.7	2.0
HR System	1	1.6	1.9
Student Information System	1	1.6	1.8
Student ePortfolio System	3	2.8	3.2
Collaboration Platforms/Applications	5	3.0	3.0
Lecture Capture/Video Streaming	6	2.9	2.8
<b>How does your institution address the problem of P2P digital piracy on campus networks?</b>			
Mandatory user education program		23.0 %	33.8 %
Sanction students for copyright, P2P or DCMA violations		65.3 %	83.1 %

## Campus Computing 2010

	Southeastern	All Institutions	Public Universities
<b>Organization, Planning and Impact Issues (Continued)</b>			
Students can lose campus network/email access or privileges for P2P violations	X	90.9 %	96.1 %
Student financial penalty or fine paid to college/university for P2P violations		9.9 %	24.7 %
<b>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 2010?</b>			
My institution has developed plans to effectively combat the unauthorized distribution of copyrighted materials			
Doing this already	Doing this already	75.1 %	84.2 %
Begining in 2010-11		7.6 %	2.6 %
Reviwing for 2010-11		15.2 %	13.2 %
Previously decided not to do this		2.1 %	0.0 %
Current campus plans include "the use of a variety of technology-based deterrents"			
Doing this already	Doing this already	50.6 %	54.0 %
Begining in 2010-11		7.6 %	4.0 %
Reviwing for 2010-11		24.5 %	27.6 %
Previously decided not to do this		17.3 %	14.5 %
My institution currently "offers alternatives to illegal downloading or peer-to-peer distribution of intellectual property"			
Doing this already		26.6 %	49.4 %
Begining in 2010-11		3.8 %	1.3 %
Reviwing for 2010-11		19.2 %	9.1 %
Previously decided not to do this	Decided not to do this	50.4 %	40.3 %
<b>Estimated costs of compliance with the provisions of the HEA for AY 2009-10</b>	\$10,000	\$29,226	\$61,953



## **Appendix**

### **List of Public Universities that Participated in the 2010 Campus Computing Survey**

<b>Institution</b>	<b>State</b>	<b>Institution</b>	<b>State</b>
University of Alaska Fairbanks	AK	Missouri University of Science and Technology	MO
Auburn University Main Campus	AL	Jackson State University	MS
University of Alabama at Birmingham	AL	University of Southern Mississippi	MS
University of Alabama, The	AL	North Carolina State University at Raleigh	NC
University of Arkansas at Little Rock	AR	University of North Carolina at Chapel Hill	NC
University of Arkansas Main Campus	AR	North Dakota State University-Main Campus	ND
Arizona State University at the Tempe Campus	AZ	University of Nebraska at Omaha	NE
Northern Arizona University	AZ	University of Nebraska-Lincoln	NE
San Diego State University	CA	University of New Hampshire-Main Campus	NH
University of California-Los Angeles	CA	Rutgers University-New Brunswick	NJ
University of California-San Diego	CA	New Mexico State University-Main Campus	NM
Colorado School of Mines	CO	University of New Mexico-Main Campus	NM
Colorado State University	CO	University of Nevada-Las Vegas	NV
University of Northern Colorado	CO	SUNY at Binghamton	NY
Florida Atlantic University	FL	Kent State University Kent Campus	OH
Florida International University	FL	Miami University-Oxford	OH
University of Central Florida	FL	Ohio State University-Main Campus	OH
Georgia Institute of Technology-Main Campus	GA	University of Cincinnati-Main Campus	OH
Georgia Southern University	GA	Wright State University-Lake Campus	OH
Georgia State University	GA	Wright State University-Main Campus	OH
Medical College of Georgia	GA	Portland State University	OR
University of Georgia	GA	University of Oregon	OR
University of Hawaii at Manoa	HI	Pennsylvania State University-Main Campus	PA
Idaho State University	ID	University of Pittsburgh-Pittsburgh Campus	PA
University of Illinois at Urbana-Champaign	IL	Clemson University	SC
Indiana University-Bloomington	IN	Tennessee State University	TN
Indiana University-Purdue University-Indianapolis	IN	University of Memphis	TN
Purdue University-Main Campus	IN	Lamar University	TX
Kansas State University	KS	University of North Texas	TX
University of Kansas	KS	Utah State University	UT
University of Kentucky	KY	George Mason University	VA
University of Louisville	KY	Old Dominion University	VA
University of Maryland-Baltimore	MD	Virginia Commonwealth University	VA
University of Maryland-Baltimore County	MD	University of Vermont	VT
Central Michigan University	MI	University of Wisconsin-Madison	WI
Michigan State University	MI	West Virginia University	WV
Michigan Technological University	MI		
Oakland University	MI		
University of Michigan-Ann Arbor	MI		
Wayne State University	MI		