# EDUCAUSE

# **Information Systems and Applications**

This module contains questions about characteristics of the institution's information systems, regardless of whether they are operated or supported by central IT. This is an **optional** module.

In responding to the survey questions in this module, **unless specified otherwise**, please enter data that describe your IT environment during the <u>prior</u> fiscal year (FY2016–17). Prior fiscal year is defined as the most recent fiscal year ending before July 1, 2017.

#### NOTES:

- Unless otherwise specified, all questions in this survey request data for the prior fiscal year.
- Throughout the survey, "central IT" refers to the centralized information technology services and support
  organization reporting to the highest-ranking information technology administrator/officer in the institution.
- For CDS participants from central offices of multicampus systems and community college districts, "institution" refers to the central office only, not the entire multicampus entity. For all other participants, "institution" refers to the individual college or university (typically referred to as a "campus").
- Please refer to the <u>CDS glossary</u> for definitions of other terms in the survey.
- Questions 2–5 are only displayed based on your response to Question 1.
- Questions 7–10 are only displayed based on your response to Question 6.
- Questions 12–15 are only displayed based on your response to Question 11.
- Questions 17-20 are only displayed based on your response to Question 16.
- Questions 22–25 are only displayed based on your response to Question 21
- Questions 27–30 are only displayed based on your response to Question 26.

# **Information Systems and Applications**

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Q11 | Financial Management Systems

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**Q21 | Enterprise Systems** 

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# Q1 I IT Systems

#### Information Systems and Applications

Q1 | IT Systems

1. Please indicate which unit was responsible for providing the following <u>IT systems</u> in your institution during the prior fiscal year. If your institution had more than one significant system in an area, please respond for the primary information system. In subsequent questions, we will ask for more details about provided systems.

#### NOTES:

- · For outsourced systems (including systems in the cloud), indicate the campus unit responsible for managing the outsourcing agreement.
- Include systems that were fully operational in the prior fiscal year.
- For systems that were not fully operational, include any systems for which the majority of intended users were able to use all authorized functions of the system being delivered as part of an implementation project.
- Respond for all systems regardless of whether they are stand-alone systems or part of another system (e.g., a procurement system that is part of the financial management system).
- System offices should include information systems that were operational at the system office as well as information systems that were
  provided by the system office to campuses within the system.

	Central IT has operational responsibility	Distributed IT has operational responsibility	Functional area has operational responsibility	The system or district office has operational responsibility	This system is not provided/unsure
a. IT service desk management	0	0	0	0	0
b. User system configuration management	0	0	0	0	0
c. Network access control	$\circ$	0	0	0	0
d. Network performance management	0	0	0	0	0
e. Project portfolio management	0	0	0	0	0
f. Software license inventory	0	0	0	0	0
g. IT asset management	0	0	0	0	$\circ$
h. Workflow management	0	0	0	0	0
. Online forms management	0	0	0	0	0
. Security information and event management (SIEM)	0	0	0	0	0
k. Network intrusion detection and prevention	0	0	0	0	0
I. Log management	0	0	0	0	0
m. Backup and disaster recovery	0	0	0	0	0
n. Identity management	0	0	0	0	$\circ$

#### Q2 I IT System Details

### Information Systems and Applications

Q2 I IT System Details

NOTE: If you indicated in Question 1 that there are no listed systems provided at your institution, this page will be blank. Click Next to continue, or return to Question 1 to change your answers.

2. Please provide additional details for each of the <u>IT systems</u> that were operational at your institution during the prior fiscal year.

#### NOTES:

- This table will display systems that you reported in Question 1 as being provided at your institution. Any changes to your answers in Question 1 will be reflected in this table.
- · If your institution had more than one significant information system in an area, please respond for the primary information system.
- · For campuses within multicampus systems or districts, if an information system was provided at the system or district level:
  - Enter information for all items as it related to your campus (e.g., the age of the information system implemented at your campus; whether the information system was customized to suit requirements for your campus).
  - For system offices, the term "primary information systems" refers to information systems provided to system campuses. If no
    information system was provided to a system campus, system offices should respond for the primary information system used at the
    system office.
- "System age" refers to the number of years since the initial release of the system at which point the majority of intended users were able to use all authorized functions of the system being delivered as part of the implementation project.
- "Customization" refers to changing the core code of the application, which is different from "configuration" (i.e. setting up the system).
- Depending on your screen resolution, you may need to scroll horizontally to complete this question.

							tent of cust			yment appræ	
	0–3 years	>3-10 years	>10-20 years	>20+ years	Jnknown	None	Minimal	Substantial	On- premises	Off- premises	Hybrid
a. IT service desk management	0	0	0	0	0	0	0	0	0	0	0
b. User system configuration management	0	0	0	0	0	0	0	0	0	0	0
c. Network access control	0	0	0	0	0	0	0	0	0	0	0
d. Network performance management	0	0	0	0	0	0	0	0	0	0	0
e. Project portfolio management	0	0	0	0	0	0	0	0	0	0	0
f. Software license inventory	0	0	0	0	0	0	0	$\circ$	0	0	0
g. IT asset management	0	0	0	0	0	0	0	0	0	0	0
h. Workflow management	0	0	0	0	0	0	0	0	0	0	0
i. Online forms management	0	0	0	0	0	0	0	0	0	0	0
j. Security information and event managemer	nt (SIEM)	0	0	0	0	0	0	0	0	0	0
k. Network intrusion detection and prevention	0	0	0	0	0	0	0	0	0	0	0
I. Log management	0	0	0	0	0	0	0	0	0	0	0
m. Backup and disaster recovery	0	0	0	0	0	0	0	0	0	0	0
n. Identity management	0	0	0	0	0	0	0	0	0	0	0
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Information	Systems and a	Applications
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Q4 I IT System Upgrades and Plans for Replacement

NOTE: If you indicated in Question 1 that there are no listed systems provided at your institution, this page will be blank. Click Next to continue, or return to Question 1 to change your answers.

4a. Please indicate your institution's plans for upgrade and/or replacement for each IT system.

#### NOTE:

- "Major system upgrade" refers to changes made to an information system accommodate a major release of the currently implemented vendor and product.
- "Replace" refers to implementation of a completely new product (e.g., moving to a different product with the same vendor; moving to a different vendor and product)

	Is your institution currently undertaking or planning any major system upgrades?				Does your institution plan to replace the currently operational product for this system in the next three years?		
	Yes	No	Unknown	Yes	No	Unknown	
» a. IT service desk management		$\circ$	$\circ$		$\circ$	$\circ$	
» b. User system configuration management	0	$\circ$	0	0	$\circ$	0	
» c. Network access control	0	$\circ$	0	0	$\circ$	0	
» d. Network performance management	0	0	0	0	$\circ$	0	
» e. Project portfolio management	0	$\circ$	0	0	$\circ$	0	
» f. Software license inventory	0	$\circ$	0	0	$\circ$	0	
» g. IT asset management	0	$\circ$	0	0	$\circ$	0	
» h. Workflow management	0	$\circ$	0	0	$\circ$	0	
» i. Online forms management	0	$\circ$	0	0	$\circ$	0	
» j. Security information and event management (SIEM)	0	0	0	0	0	0	
» k. Network intrusion detection and prevention		$\circ$	$\circ$		$\circ$	0	
» I. Log management	0	$\circ$	0	0	$\circ$	0	
» m. Backup and disaster recovery	0	0	0	0	0	0	
» n. Identity management	0	0	0	0	0	0	

# Information Systems and Applications

Q4 I IT System Upgrades and Plans for Replacement

NOTE: If you indicated in Question 1 that there are no listed systems provided at your institution, this page will be blank. Click Next to continue, or return to Question 1 to change your answers.

4b. For each <u>IT system</u>, why is your institution planning to replace the currently operational system with a new product (from either the same or a different vendor) within the next three years? (Check all that apply.)

	Reduce ongoing cost	Replace legacy system	Upgrade functionality	Align with IT strategy / business reasons	Vendor relationship	Other (please specify)
» a. IT service desk management						
» b. User system configuration management						
» c. Network access control						
» d. Network performance management						
» e. Project portfolio management						
» f. Software license inventory						
» g. IT asset management						
» h. Workflow management						
» i. Online forms management						
» j. Security information and event management (SIEM)	0					
» k. Network intrusion detection and prevention ©2017 EDUCAUSE. Reproduction		O		II of the EDUCATION OF	Deta Consider constant	

	Reduce ongoing cost	Replace legacy system	Upgrade functionality	Align with IT strategy / business reasons	Vendor relationship	specify)
» I. Log management						
m. Backup and disaster recovery	0					
n. Identity management						
ther reason for replacement (Plea	ase identify the system.	.)				
				<i>/i</i>		
IT System Products						
nformation Systems and Appli	cations					
5 I IT System Products						
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Ivanti (LANDESK) Service Management

Microsoft System Center Service Manager

Oracle RightNow

OTRS Help Desk

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	Primary product	Additional product	Product not in rese
Parature from Microsoft	0	$\circ$	0
Quest (Dell) KACE (KBOX)	0	0	•
Samanage Service Desk	0	$\circ$	•
SchoolDude Solutions IT Direct	0	0	•
ServiceNow	0	0	•
SolarWinds (MacsDesign Studio) Web Help Desk	0	0	•
Spiceworks IT Help Desk	0	0	•
Symantec Altiris ServiceDesk	0	0	0
SysAid	0	0	•
FeamDynamix IT Service Management	0	0	•
Zendesk	0	0	0
Zoho ManageEngine ServiceDesk Plus	0	0	0
Other product (please specify)	0	0	0
I don't know. Homegrown solution	Primary product	Additional product	Product not in use
We use our IT service desk management system for this purpose.	0	0	0
	0	0	0
BMC Client Management			
-		0	0
BMC Client Management  Ivanti (LANDESK) IT Asset Management (ITAM) Suite  Quest (Dell) Kace (KBOX)	0	0	0
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Ivanti (LANDESK) IT Asset Management (ITAM) Suite Quest (Dell) Kace (KBOX)	our institution, what product was op	erational?	0
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Ivanti (LANDESK) IT Asset Management (ITAM) Suite Quest (Dell) Kace (KBOX) Other product (please specify)  5c. For the primary network access control system at your don't know. Homegrown solution	our institution, what product was op	erational?  Additional product	Product not in use
Ivanti (LANDESK) IT Asset Management (ITAM) Suite  Quest (Dell) Kace (KBOX)  Other product (please specify)  5c. For the primary network access control system at your don't know.  Homegrown solution  Aruba ClearPass	our institution, what product was op	erational?  Additional product	Product not in use
Ivanti (LANDESK) IT Asset Management (ITAM) Suite Quest (Dell) Kace (KBOX) Other product (please specify)  5c. For the primary network access control system at your don't know. Homegrown solution Aruba ClearPass Bradford Networks Network Sentry/NAC	our institution, what product was op  Primary product	erational?  Additional product	Product not in use
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Avanti (LANDESK) IT Asset Management (ITAM) Suite Quest (Dell) Kace (KBOX) Other product (please specify)  5c. For the primary network access control system at your don't know. Homegrown solution Aruba ClearPass Bradford Networks Network Sentry/NAC Cisco Identity Services Engine ForeScout Counter ACT Packetfence Trustwave NAC	pour institution, what product was op  Primary product	erational?  Additional product	Product not in use
vanti (LANDESK) IT Asset Management (ITAM) Suite Quest (Dell) Kace (KBOX) Other product (please specify)  5c. For the primary network access control system at your don't know. Homegrown solution Aruba ClearPass Bradford Networks Network Sentry/NAC Cisco Identity Services Engine ForeScout Counter ACT Packetfence Trustwave NAC	our institution, what product was op  Primary product	erational?  Additional product	Product not in use
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vanti (LANDESK) IT Asset Management (ITAM) Suite  Quest (Dell) Kace (KBOX)  Other product (please specify)  GC. For the primary network access control system at your don't know.  Homegrown solution  Aruba ClearPass  Bradford Networks Network Sentry/NAC  Cisco Identity Services Engine  ForeScout Counter ACT  Packetfence  Trustwave NAC  Other product (please specify)  Fid. For the primary network performance management	pour institution, what product was op Primary product	erational?  Additional product	Product not in use
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Avanti (LANDESK) IT Asset Management (ITAM) Suite  Quest (Dell) Kace (KBOX)  Other product (please specify)  5c. For the primary network access control system at your don't know.  Homegrown solution  Aruba ClearPass  Bradford Networks Network Sentry/NAC  Cisco Identity Services Engine  ForeScout Counter ACT  Packetfence	pour institution, what product was op Primary product  O O O O O O O O O O O O O O O O O O	erational?  Additional product  O O O O O O O O O O O O O O O O O O	Product not in use  O O O O O O O O O O O O O O O O O O

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	Primary product	Additional product	Product not in use
SolarWinds Network Performance Monitor	0	0	0
Zenoss Hybrid IT Monitoring	0	0	0
Other product (please specify)	0	0	0
5e. For the primary project and portfolio management	ent system at your institution, what p	product was operational?	
	Primary product	Additional product	Product not in use
I don't know.	0	0	•
Homegrown solution	0	0	0
Leankit Project Management	0	$\circ$	•
Microsoft Project	0	0	0
Microsoft SharePoint	0	$\circ$	0
Planview Innotas Project Portfolio Management	0	0	0
ServiceNow Project Portfolio Management	0	$\circ$	0
TeamDynamix Project Portfolio Management	0	0	0
Other product (please specify)	0	0	0
5f. For the primary <b>software license inventory</b> syste	em at your institution, what product w	as operational?	
	Primary product	Additional product	Product not in use
I don't know.	0	0	•
Homegrown solution	0	0	•
BMC Asset Management	0	0	•
Cherwell Asset Management	0	0	0
JAMF Casper	0	0	0
OpenLM	0	0	0
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·	0	0	0
Quest (Dell) Kace (KBOX)			
Quest (Dell) Kace (KBOX) Sassafras Software K2 Other product (please specify)	0	0	•
Quest (Dell) Kace (KBOX) Sassafras Software K2	0	0	0
Quest (Dell) Kace (KBOX)  Sassafras Software K2  Other product (please specify)	0 0	0 0	0
Quest (Dell) Kace (KBOX)  Sassafras Software K2  Other product (please specify)	0 0	0 0	0
Quest (Dell) Kace (KBOX) Sassafras Software K2 Other product (please specify)	0 0	0 0	0
Quest (Dell) Kace (KBOX)  Sassafras Software K2  Other product (please specify)  5g. For the primary IT asset management system a	t your institution, what product was o	o operational?	•
Quest (Dell) Kace (KBOX)  Sassafras Software K2  Other product (please specify)  5g. For the primary IT asset management system a	t your institution, what product was of	perational?  Additional product	Product not in use
Quest (Dell) Kace (KBOX)  Sassafras Software K2  Other product (please specify)  5g. For the primary IT asset management system a l don't know.  Homegrown solution	t your institution, what product was of	perational?  Additional product	Product not in use
Quest (Dell) Kace (KBOX)  Sassafras Software K2  Other product (please specify)  5g. For the primary IT asset management system a l don't know.  Homegrown solution  BMC Asset Management	t your institution, what product was of	perational?  Additional product	Product not in use
Quest (Dell) Kace (KBOX)  Sassafras Software K2  Other product (please specify)  5g. For the primary IT asset management system a  I don't know.  Homegrown solution  BMC Asset Management  Cherwell Asset Management	t your institution, what product was of	perational?  Additional product	Product not in use
Quest (Dell) Kace (KBOX)  Sassafras Software K2  Other product (please specify)  5g. For the primary IT asset management system a  I don't know.  Homegrown solution  BMC Asset Management  Cherwell Asset Management  GLPI	t your institution, what product was op	perational?  Additional product	Product not in use
Quest (Dell) Kace (KBOX)  Sassafras Software K2  Other product (please specify)  5g. For the primary IT asset management system a  I don't know.  Homegrown solution  BMC Asset Management  Cherwell Asset Management  GLPI  IBM Maximo	t your institution, what product was of	perational?  Additional product	Product not in use
Quest (Dell) Kace (KBOX)  Sassafras Software K2  Other product (please specify)  5g. For the primary IT asset management system a lon't know.  Homegrown solution  BMC Asset Management  Cherwell Asset Management  GLPI  IBM Maximo  Quest (Dell) Kace (KBOX)	t your institution, what product was operation of the primary product	perational?  Additional product	Product not in use
Quest (Dell) Kace (KBOX)  Sassafras Software K2  Other product (please specify)  5g. For the primary IT asset management system a  I don't know.  Homegrown solution  BMC Asset Management  Cherwell Asset Management  GLPI  IBM Maximo  Quest (Dell) Kace (KBOX)  ServiceNow Asset Management	t your institution, what product was op  Primary product	perational?  Additional product	Product not in use  O O O O O O O O O O O O O O O O O O
Quest (Dell) Kace (KBOX) Sassafras Software K2	Primary product  O O O O O O O O O O O O O O O O O O	perational?  Additional product	Product not in use
Quest (Dell) Kace (KBOX)  Sassafras Software K2  Other product (please specify)  5g. For the primary IT asset management system a  I don't know.  Homegrown solution  BMC Asset Management  Cherwell Asset Management  GLPI  IBM Maximo  Quest (Dell) Kace (KBOX)  ServiceNow Asset Management	t your institution, what product was op  Primary product	perational?  Additional product	Product not in use  O O O O O O O O O O O O O O O O O O
Quest (Dell) Kace (KBOX)  Sassafras Software K2  Other product (please specify)  5g. For the primary IT asset management system a  I don't know.  Homegrown solution  BMC Asset Management  Cherwell Asset Management  GLPI  IBM Maximo  Quest (Dell) Kace (KBOX)  ServiceNow Asset Management	Primary product  O O O O O O O O O O O O O O O O O O	perational?  Additional product	Product not in use  O O O O O O O O O O O O O O O O O O
Quest (Dell) Kace (KBOX)  Sassafras Software K2  Other product (please specify)  5g. For the primary IT asset management system a long to the primary IT asset management system a long to the primary IT asset management system a long to the primary IT asset management system a long to the primary IT asset management Shows IT asset Management  Cherwell Asset Management  GLPI  IBM Maximo  Quest (Dell) Kace (KBOX)  ServiceNow Asset Management  Other product (please specify)	Primary product  Primary product	perational?  Additional product	Product not in use  O O O O O O O O O O O O O O O O O O
Quest (Dell) Kace (KBOX)  Sassafras Software K2  Other product (please specify)  5g. For the primary IT asset management system a long to the primary IT asset management system a long to the primary IT asset management system a long to the primary IT asset management Short Know.  Homegrown solution  BMC Asset Management  Cherwell Asset Management  GLPI  IBM Maximo  Quest (Dell) Kace (KBOX)  ServiceNow Asset Management  Other product (please specify)  5h. For the primary workflow management system	Primary product  O O O O O O O O O O O O O O O O O O	perational?  Additional product	Product not in use  O O O O O O O O O O O O O O O O O O
Quest (Dell) Kace (KBOX)  Sassafras Software K2  Other product (please specify)  5g. For the primary IT asset management system a long to the primary of the primary IT asset management system a long to the primary solution  BMC Asset Management  Cherwell Asset Management  GLPI  IBM Maximo  Quest (Dell) Kace (KBOX)  ServiceNow Asset Management  Other product (please specify)  5h. For the primary workflow management system  I don't know.	t your institution, what product was of Primary product  Orange of the product was of the primary product orange of the primary product was of the primary p	perational?  Additional product  O O O O O O O O O O O O O O O O O O	Product not in use
Quest (Dell) Kace (KBOX)  Sassafras Software K2  Other product (please specify)  5g. For the primary IT asset management system a  I don't know.  Homegrown solution  BMC Asset Management  Cherwell Asset Management  GLPI  IBM Maximo  Quest (Dell) Kace (KBOX)  ServiceNow Asset Management  Other product (please specify)  5h. For the primary workflow management system  I don't know.  Homegrown solution	t your institution, what product was of Primary product  at your institution, what product was a Primary product	perational?  Additional product  O O O O O O O O O O O O O O O O O O	Product not in use  O O O O O O O O O O O O O O O O O O
Quest (Dell) Kace (KBOX)  Sassafras Software K2  Other product (please specify)  5g. For the primary IT asset management system a  I don't know.  Homegrown solution  BMC Asset Management  Cherwell Asset Management  GLPI  IBM Maximo  Quest (Dell) Kace (KBOX)  ServiceNow Asset Management  Other product (please specify)	Primary product  at your institution, what product was operated to the second of the s	perational?  Additional product  O O O O O O O O O O O O O O O O O O	Product not in use  O O O O O O O O O O O O O O O O O O

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	Primary product	Additional product	Product not in use
Kuali Rice	O	O	0
PerfectForms	0	0	0
Other product (please specify)	_	_	_
	0	0	•
5i. For the primary <b>online forms management</b> sy	stem at your institution, what product wa	as operational?	
	Primary product	Additional product	Product not in use
I don't know.	0	0	0
Homegrown solution	0	0	0
PerfectForms	0	0	0
Other product (please specify)	_	_	_
	0	0	•
5j. For the primary security information and ever	nt management (SIEM) system at your	institution, what product was opera	tional?
	Primary product	Additional product	Product not in use
I don't know.	Primary product	Additional product	Product not in use
Homegrown solution	0	0	0
AlienVault Unified Security Management & Threat Intelligence		0	0
AlienVault OSSIM SIEM		0	0
Hewlett Packard ArcSight		_	
-	0	0	•
IBM Security QRadar	0	0	0
Intel Security McAfee Enterprise Security Manager	0	0	•
LogRhythm SIEM	0	0	_
Rapid7 InsightIDR	0	0	
Splunk (Enterprise or Cloud)  Other product (places appoint)	0	0	•
Other product (please specify)	0	0	•
			•
Other product (please specify)	0	0	
	and prevention system at your institution	on, what product was operational?	
Other product (please specify)  5k. For the primary <b>network intrusion detection</b>	and prevention system at your institution	0	Product not in use
Other product (please specify)  5k. For the primary network intrusion detection and the specific speci	and prevention system at your institution  Primary product	on, what product was operational?  Additional product	Product not in use
Other product (please specify)  5k. For the primary network intrusion detection and the specific speci	and prevention system at your institution  Primary product	on, what product was operational?  Additional product	Product not in use
Other product (please specify)  5k. For the primary network intrusion detection and the specific speci	and prevention system at your institution  Primary product  Ce	on, what product was operational?  Additional product	Product not in use
Other product (please specify)  5k. For the primary network intrusion detection and the primary network intrus	and prevention system at your institution  Primary product  ce	on, what product was operational?  Additional product	Product not in use
Other product (please specify)  5k. For the primary network intrusion detection and the specific speci	and prevention system at your institution  Primary product  ce	Additional product  Additional product	Product not in use
Other product (please specify)  5k. For the primary network intrusion detection and the security Management & Threat Intelligent Bro Network Security Monitor  Cisco NGIPS  Intel Security McAfee Enterprise Security Manager	and prevention system at your institution  Primary product  ce	on, what product was operational?  Additional product	Product not in use
Other product (please specify)  5k. For the primary network intrusion detection and the specific speci	and prevention system at your institution  Primary product  ce	Additional product  Additional product	Product not in use
Other product (please specify)  5k. For the primary network intrusion detection is  I don't know.  Homegrown solution  Alien Vault Unified Security Management & Threat Intelligent Bro Network Security Monitor  Cisco NGIPS  Intel Security McAfee Enterprise Security Manager  LogRhythm SIEM  Rapid7 InsightIDR	and prevention system at your institution  Primary product  Ce  O  O  O  O  O  O  O  O  O  O  O  O  O	Additional product  Additional product	Product not in use
Other product (please specify)  5k. For the primary network intrusion detection of the primary network network.  Homegrown solution  Alien Vault Unified Security Management & Threat Intelligent Bro Network Security Monitor  Cisco NGIPS  Intel Security McAfee Enterprise Security Manager  LogRhythm SIEM  Rapid7 InsightIDR  Snort	and prevention system at your institution  Primary product  ce	on, what product was operational?  Additional product	Product not in use
Other product (please specify)  5k. For the primary network intrusion detection and the specific speci	and prevention system at your institution  Primary product  Ce  O  O  O  O  O  O  O  O  O  O  O  O  O	Additional product  Additional product	Product not in use
Other product (please specify)  5k. For the primary network intrusion detection and the specific speci	and prevention system at your institution  Primary product  ce	on, what product was operational?  Additional product	Product not in use
Other product (please specify)  5k. For the primary network intrusion detection and the specific speci	and prevention system at your institution  Primary product  Ce  O  O  O  O  O  O  O  O  O  O  O  O  O	Additional product  Additional product	Product not in use
Other product (please specify)  5k. For the primary network intrusion detection and the primary network interest in	and prevention system at your institution  Primary product  ce  O  O  O  O  O  O  O  O  O  O  O  O  O	on, what product was operational?  Additional product	Product not in use
Other product (please specify)  5k. For the primary network intrusion detection and the specific speci	and prevention system at your institution  Primary product  ce  O  O  O  O  O  O  O  O  O  O  O  O  O	on, what product was operational?  Additional product	Product not in use
Other product (please specify)  5k. For the primary network intrusion detection and the primary network interest in	and prevention system at your institution  Primary product  ce  O  O  O  O  O  O  O  O  O  O  O  O  O	on, what product was operational?  Additional product	Product not in use
Other product (please specify)  5k. For the primary network intrusion detection is a constant of the primary network intrusion detection is a constant of the primary network intrusion detection is a constant of the primary network intrusion detection is a constant of the primary log management in the primary log management is product to the primary log management in the primary log management is product to the primary log management is product	and prevention system at your institution  Primary product  ce  o  o  o  o  o  o  o  o  o  o  o  o  o	Additional product  Additional product  Additional product  Additional product  Additional product	Product not in use
Other product (please specify)  5k. For the primary network intrusion detection and the control of the primary network intrusion detection and the control of the primary network intrusion detection and the control of the primary network intrusion detection and the control of the primary log management and the control of the primary log management system at your state of the primary log management system at your	and prevention system at your institution  Primary product  ce  o  o  o  o  o  o  o  o  o  o  o  o  o	Additional product  Additional product  Additional product  Additional product  Additional product	Product not in use
Other product (please specify)  5k. For the primary network intrusion detection is a constant of the primary network intrusion detection is a constant of the primary network intrusion detection is a constant of the primary network intrusion detection is a constant of the primary log management in the primary log management is product to the primary log management in the primary log management is product to the primary log management is product	and prevention system at your institution  Primary product  ce  O  O  O  O  O  O  O  O  O  O  O  O  O	Additional product  Additional product  Additional product  Additional product  Additional product	Product not in use
Other product (please specify)  5k. For the primary network intrusion detection and the specific product (please specify)  I don't know.  Homegrown solution  Alien Vault Unified Security Management & Threat Intelligent Bro Network Security Monitor  Cisco NGIPS  Intel Security McAfee Enterprise Security Manager  LogRhythm SIEM  Rapid7 InsightIDR  Snort  Trend Micro TippingPoint  Other product (please specify)  5l. For the primary log management system at your languagement sy	and prevention system at your institution  Primary product  ce  pur institution, what product was operation  Primary product	on, what product was operational?  Additional product	Product not in use

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	nt official responses through th	
	nt official responses through th	
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	ibmit official responses through th	
	ubmit official responses through th	
	ubmit official responses through th	

SolarWinds Log and Event Manager			0
Splunk (Enterprise and Add on)	0	0	0
enable Log Correlation	0	0	0
ther product (please specify)			
	0	0	•
m. For the primary backup and disaster recove	ry system at your institution, what pr	oduct was operational?	
	Primary product	Additional product	Product not in use
don't know.	0	0	•
omegrown solution	0	0	0
acula Enterprise Edition	0	0	•
arbonite Cloud Backup	0	0	•
ode42 Crashplan	0	0	•
ommValut Simpana	0	0	•
MC Data Protection Suite	0	0	•
ewlett Packard Data Protector	0	0	0
M Spectrum Protect (Tivoli Storage Manager)	0	0	•
eeam Backup and Replication	0	0	0
eritas Technologies NetBackup	0	0	•
manda Amanda: Open Source Backup	0	0	•
	1		• Constant and in one
n. For the primary <b>identity management</b> system	at your institution, what product was	operational?  Additional system	Product not in use
n. For the primary <b>identity management</b> system	at your institution, what product was	operational?  Additional system	Product not in use
n. For the primary <b>identity management</b> system don't know.	at your institution, what product was	operational?  Additional system	Product not in use
n. For the primary <b>identity management</b> system don't know. Iomegrown solution pereo CAS	at your institution, what product was	operational?  Additional system	Product not in use
n. For the primary identity management system  don't know.  lomegrown solution  pereo CAS  tentrify Identity Services	at your institution, what product was	operational?  Additional system	Product not in use  O  O
n. For the primary identity management system  don't know.  omegrown solution  pereo CAS  entrify Identity Services  ischer International	at your institution, what product was	operational?  Additional system	Product not in use  O  O
n. For the primary identity management system  don't know.  lomegrown solution  pereo CAS  centrify Identity Services ischer International  licrosoft Azure Active Directory	at your institution, what product was	operational?  Additional system	Product not in use  O  O
n. For the primary identity management system  don't know.  lomegrown solution pereo CAS  tentrify Identity Services ischer International  licrosoft Azure Active Directory  lickta Identity Management	at your institution, what product was	operational?  Additional system	Product not in use
n. For the primary identity management system  don't know. omegrown solution pereo CAS entrify Identity Services ischer International licrosoft Azure Active Directory okta Identity Management	at your institution, what product was  Primary system	operational?  Additional system	Product not in use  O O O O O O O O O O O O O O O O O O
n. For the primary identity management system  don't know.  omegrown solution pereo CAS entrify Identity Services ischer International licrosoft Azure Active Directory okta Identity Management uneLogin pracle Identity and Access Management	at your institution, what product was  Primary system	operational?  Additional system	Product not in use  O O O O O O O O O O O O O O O O O O
n. For the primary identity management system  don't know.  omegrown solution  pereo CAS  entrify Identity Services  ischer International  licrosoft Azure Active Directory  likta Identity Management  meLogin  tracle Identity and Access Management  ing Identity Platform	at your institution, what product was  Primary system	operational?  Additional system	Product not in use  O O O O O O O O O O O O O O O O O O
n. For the primary identity management system  don't know.  lomegrown solution spereo CAS centrify Identity Services ischer International flicrosoft Azure Active Directory  loka Identity Management  loneLogin  pracle Identity and Access Management ling Identity Platform  led Hat Directory Server	at your institution, what product was  Primary system	operational?  Additional system	Product not in use  O O O O O O O O O O O O O O O O O O
n. For the primary identity management system  don't know.  omegrown solution  pereo CAS  entrify Identity Services scher International icrosoft Azure Active Directory kta Identity Management neLogin racle Identity and Access Management ng Identity Platform ed Hat Directory Server ailPoint IdentityIQ	at your institution, what product was  Primary system	operational?  Additional system	Product not in use
Other product (please specify)  Sin. For the primary identity management system don't know.  Homegrown solution Apereo CAS Centrify Identity Services Fischer International Microsoft Azure Active Directory Okta Identity Management OneLogin Oracle Identity and Access Management Ping Identity Platform Red Hat Directory Server SailPoint IdentityIQ Other product (please specify)	at your institution, what product was  Primary system	operational?  Additional system	Product not in use  O O O O O O O O O O O O O O O O O O
n. For the primary identity management system  don't know.  lomegrown solution  spereo CAS  centrify Identity Services  ischer International  dicrosoft Azure Active Directory  okta Identity Management  oneLogin  oracle Identity and Access Management  ting Identity Platform  ded Hat Directory Server  sailPoint IdentityIQ  other product (please specify)	at your institution, what product was  Primary system	operational?  Additional system	Product not in use  O O O O O O O O O O O O O O O O O O

- For outsourced systems (including systems in the cloud), indicate the campus unit responsible for managing the outsourcing agreement.
  Include systems that were fully operational in the prior fiscal year.
  For systems that were not fully operational, include any systems for which the majority of intended users were able to use all authorized functions of the system being delivered as part of an implementation project.

•	Respond for all systems regardless of whether they are stand-alone systems or part of another system (e.g., a procurement system that is
	part of the financial management system).

System offices should include information systems that were operational at the system office as well as information systems that were
provided by the system office to campuses within the system.

	Central IT has operational responsibility	Distributed IT has operational responsibility	Functional area has operational responsibility	The system or district office has operational responsibility	This system is not provided/unsure
a. Core human resources system	0	0	0	0	0
b. Recruiting	0	0	0	0	0
c. Position management	0	0	0	0	0
d. Performance reviews	0	0	0	0	0
e. Workforce development	0	0	0	0	0
f. Academic human resources (e.g., recruiting, tenure, onboarding faculty)	0	0	0	0	0
g. Time and attendance	0	0	0	0	0

#### **Q7 I Human Resources Information System Details**

#### Information Systems and Applications

Q7 I Human Resources Information System Details

NOTE: If you indicated in Question 6 that there are no listed systems provided at your institution, this page will be blank. Click Next to continue, or return to Question 6 to change your answers.

7. Please provide additional details for each of the <u>human resources information systems</u> that were operational at your institution during the prior fiscal year.

#### NOTES:

- This table will display systems that you reported in Question 6 as being provided at your institution. Any changes to your answers in Question 6 will be reflected in this table.
- · If your institution had more than one significant information system in an area, please respond for the primary information system.
- · For campuses within multicampus systems or districts, if an information system was provided at the system or district level:
  - Enter information for all items as it related to your campus (e.g., the age of the information system implemented at your campus; whether the information system was customized to suit requirements for your campus).
  - For system offices, the term "primary information systems" refers to information systems provided to system campuses. If no
    information system was provided to a system campus, system offices should respond for the primary information system used at the
    system office.
- "System age" refers to the number of years since the initial release of the system at which point the majority of intended users were able to
  use all authorized functions of the system being delivered as part of the implementation project.
- "Customization" refers to changing the core code of the application, which is different from "configuration" (i.e. setting up the system).
- Depending on your screen resolution, you may need to scroll horizontally to complete this question.

			System age	)			Extent of custo	mization	Deploy	ment appr	oach
	0–3 years	>3-10 years	>10-20 years	>20+ years	Unknown	None	Minimal	Substantial	On- premises	Off- premises	Hybrid
» a. Core human resources system	0	$\circ$	$\circ$	$\circ$	0	0	0	0	0	$\circ$	0
» b. Recruiting	0	$\circ$		$\circ$	$\circ$	0	$\circ$	0	0	$\circ$	$\circ$
» c. Position management	0	$\circ$	$\circ$	$\circ$	$\circ$	0	$\circ$	$\circ$	0	$\circ$	$\circ$
» d. Performance reviews	0	0	$\circ$	$\circ$	0	0	$\circ$	0	0	$\circ$	$\circ$
» e. Workforce development	0	$\circ$	$\circ$	$\circ$	$\circ$	0	$\circ$	$\circ$	0	$\circ$	$\circ$
» f. Academic human resources (e.g., recruiting, tenure, onboarding faculty)	0	0	0	0	0	0	0	0	0	0	0
» g. Time and attendance	0	$\circ$	$\circ$	$\circ$	$\circ$	0	0	0	0	$\circ$	$\circ$

# **Q8 I Human Resources Information System Analytics Capabilities**

#### Information Systems and Applications

Q8 I Human Resources Information System Analytics Capabilities

NOTE: If you indicated in Question 6 that there are no listed systems provided at your institution, this page will be blank. Click Next to continue, or return to Question 6 to change your answers.

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a. Core human resources system b. Recruiting c. Position management d. Performance reviews e. Workforce development f. Academic human resources (e.g., ecruiting, tenure, onboarding faculty) g. Time and attendance  Other analytics capability (Ple  Human Resources Information 19 I Human Resources Information 19 I Human Resources Information	g., ))	the system.)					
c. Position management d. Performance reviews e. Workforce development f. Academic human resources (e.g., cruiting, tenure, onboarding faculty) g. Time and attendance ther analytics capability (Ple	lease identify t						0
d. Performance reviews e. Workforce development f. Academic human resources (e.g., ruiting, tenure, onboarding faculty) g. Time and attendance ther analytics capability (Ple	lease identify t						0
e. Workforce development  f. Academic human resources (e.g., cruiting, tenure, onboarding faculty)  g. Time and attendance  ther analytics capability (Ple	lease identify t	0	0			0	
f. Academic human resources (e.g., ruiting, tenure, onboarding faculty) g. Time and attendance  her analytics capability (Ple  Human Resources Information  formation Systems and A	lease identify t	0	0			0	
ruiting, tenure, onboarding faculty) g. Time and attendance her analytics capability (Ple Human Resources Information formation Systems and A	lease identify t	0					
her analytics capability (Ple	•						0
Human Resources Information	•	the system.)					
formation Systems and A	ition System U						
DTE: If you indicated in Questurn to Question 6 to change  . Please indicate your institu  DTE:  "Major system upgrade" and product.  "Replace" refers to imple different vendor and product and product.	nation System U  nestion 6 that the ge your answer itution's plans  " refers to characters to characters are the complementation of the second	Upgrades and Plans for here are no listed sers.	ystems prov	ided at you  It for each   ystem acco	<i>human resources ii</i> ommodate a major	nformation system. release of the currently	y implemented ve
		rently undertaking or system upgrades?			plan to replace the duct for this system in ee years?		
	s No	Unknown	Yes	No	Unknown		
Yes		$\circ$	0	$\circ$	$\circ$		
Yes a. Core human	$\circ$			0	0		
Yes a. Core human sources system		0	0				
Yes a. Core human sources system b. Recruiting c. Position	0	0	0	0	0		
a. Core human sources system b. Recruiting c. Position lanagement d. Performance	0	0	0	0	0		
a. Core human sources system b. Recruiting c. Position anagement d. Performance views	0	0	0	0	0		
Yes  a. Core human sources system  b. Recruiting  c. Position anagement  d. Performance views  e. Workforce	0	0	0	0	0		
A. Core human sources system  b. Recruiting c. Position nanagement d. Performance system e. Workforce evelopment f. Academic human socurces (e.g., scruiting, tenure,	0 0	0	0	0	0		
Yes  a. Core human esources system  b. Recruiting  c. Position nanagement  d. Performance eviews  e. Workforce evelopment  f. Academic human esources (e.g.)		0 0	0 0	0	0		

	Reduce ongoing cost	Replace legacy system	Upgrade functionality	Align with IT strategy / business reasons	Vendor relationship	Other (please specify)
a. Core human resources system						
o. Recruiting						
. Position management						
Performance reviews						
. Workforce development						
Academic human resources (e.g., uiting, tenure, onboarding faculty)	0			0		
. Time and attendance						
Human Resources Information S	System Products	)		Ø		
Human Resources Information S  formation Systems and Applic	System Products cations					
Human Resources Information S	cations ion System Products 6 that there are no liste		ided at your institut	ion, this page will	be blank. Click Nex	t to continue,
Human Resources Information S formation Systems and Applic 10   Human Resources Informati	existem Products cations ion System Products 6 that there are no lister answers.	ed systems prov	g been provided by	central IT or anoth		

	Primary product	Additional product	Product not in use
I don't know.	0	0	•
Homegrown solution	0	0	0
ADP	0	$\circ$	0
Ceridian	0	0	0
Cornerstone HR	0	0	0
Ellucian Banner Human Resources	0	0	0
Ellucian Colleague Human Resources	0	$\circ$	•
Infor Lawson	0	0	•
Jenzabar CX (CARS)	0	0	•
Jenzabar EX (CDMS Teams Elite)	0	0	•
Oracle E-Business Suite Human Capital Management	0	0	•
Oracle PeopleSoft HCM/HRMS	0	0	•
PeopleAdmin	0	0	•
SAP Human Capital Management	0	0	•

	Primary product	Additional product	Product not in 🕯
Ultimate Software UltiPro	0	0	•
Workday	0	0	0
Other product (please specify)	0	0	0
10b. For the primary <b>recruiting</b> system at your institution,	what product was operational?		
	Primary product	Additional product	Product not in use
I don't know.	0	0	•
Homegrown solution	0	0	0
We use our core human resources information system for this purpose	e. O	$\circ$	0
Cornerstone Recruiting	0	0	0
IBM Kenexa	0	0	•
Oracle Taleo	0	0	0
Other product (please specify)		0	•
10c. For the primary <b>position management</b> system at you	ir institution, what product was oper	rational?	
	Primary product	Additional product	Product not in use
I don't know.	0	0	•
Homegrown solution	0	0	•
We use our core human resources information system for this purpose	. 0	0	•
Ellucian Banner Human Resources	0	0	•
Oracle PeopleSoft Position Management	0	0	•
Other product (please specify)	0	0	•
10d. For the primary <b>performance reviews</b> system at your	r institution, what product was opera	ational?	
10d. For the primary <b>performance reviews</b> system at your	r institution, what product was opera	ational?  Additional product	Product not in use
10d. For the primary <b>performance reviews</b> system at your			Product not in use
	Primary product	Additional product	
I don't know.	Primary product	Additional product	
I don't know.  Homegrown solution	Primary product	Additional product	0 (
I don't know.  Homegrown solution  Cornerstone HR	Primary product	Additional product	0 (
I don't know.  Homegrown solution  Cornerstone HR  People Admin	Primary product	Additional product	0 (
I don't know.  Homegrown solution  Cornerstone HR  People Admin  Other product (please specify)	Primary product	Additional product	0 (
I don't know.  Homegrown solution  Cornerstone HR  People Admin	Primary product	Additional product	0 (
I don't know.  Homegrown solution  Cornerstone HR  People Admin  Other product (please specify)	Primary product	Additional product	0 (
I don't know.  Homegrown solution  Cornerstone HR  People Admin  Other product (please specify)	Primary product	Additional product	
I don't know.  Homegrown solution  Cornerstone HR  People Admin  Other product (please specify)  10e. For the primary workforce development system at y	Primary product  O O O O O O O O O O O O O O O O O O	Additional product	Product not in use
I don't know.  Homegrown solution  Cornerstone HR  People Admin  Other product (please specify)  10e. For the primary workforce development system at y	Primary product  O O O O O O O O O O O O O O O O O O	Additional product  Output  Derational?  Additional product	Product not in use
I don't know.  Homegrown solution  Cornerstone HR  People Admin  Other product (please specify)  10e. For the primary workforce development system at y  I don't know.  Homegrown solution	Primary product  O O O O O O O O O O O O O O O O O O	Additional product  Output  Derational?  Additional product	Product not in use
I don't know.  Homegrown solution  Cornerstone HR  People Admin  Other product (please specify)  10e. For the primary workforce development system at y  I don't know.  Homegrown solution  Cornerstone HR	Primary product  O O O O O O O O O O O O O O O O O O	Additional product  Operational?  Additional product	Product not in use
I don't know.  Homegrown solution  Cornerstone HR  People Admin  Other product (please specify)  10e. For the primary workforce development system at y  I don't know.  Homegrown solution  Cornerstone HR  Ellucian Elevate	Primary product  Our institution, what product was open primary product  Our institution in the product was open primary product	Additional product  Operational?  Additional product  Operational product  Operational product  Operational product	Product not in use
I don't know.  Homegrown solution  Cornerstone HR  People Admin  Other product (please specify)  10e. For the primary workforce development system at y  I don't know.  Homegrown solution  Cornerstone HR  Ellucian Elevate  Skillsoft	Primary product  O O O O O O O O O O O O O O O O O O	Additional product  Output  Ou	Product not in use
I don't know.  Homegrown solution  Cornerstone HR  People Admin  Other product (please specify)  10e. For the primary workforce development system at y  I don't know.  Homegrown solution  Cornerstone HR  Ellucian Elevate  Skillsoft  Other product (please specify)	Primary product  O O O O O O O O O O O O O O O O O O	Additional product  Operational?  Additional product  Operational product  Operational product  Operational product  Operational product	Product not in use
I don't know.  Homegrown solution  Cornerstone HR  People Admin  Other product (please specify)  10e. For the primary workforce development system at y  I don't know.  Homegrown solution  Cornerstone HR  Ellucian Elevate  Skillsoft	Primary product  O O O O O O O O O O O O O O O O O O	Additional product  Operational?  Additional product  Operational product  Operational product  Operational product  Operational product	Product not in use
I don't know.  Homegrown solution  Cornerstone HR  People Admin  Other product (please specify)  10e. For the primary workforce development system at y  I don't know.  Homegrown solution  Cornerstone HR  Ellucian Elevate  Skillsoft  Other product (please specify)	Primary product  O O O O O O O O O O O O O O O O O O	Additional product  Operational?  Additional product  Operational product  Operational product  Operational product  Operational product	Product not in use
I don't know.  Homegrown solution  Cornerstone HR  People Admin  Other product (please specify)  10e. For the primary workforce development system at y  I don't know.  Homegrown solution  Cornerstone HR  Ellucian Elevate  Skillsoft  Other product (please specify)	Primary product  Our institution, what product was open primary product  Out our institution, what product was open primary product	Additional product  Operational?  Additional product  Operational produc	Product not in use  O O O O O O O O O O O O O O O O O O
I don't know.  Homegrown solution  Cornerstone HR  People Admin  Other product (please specify)  10e. For the primary workforce development system at y  I don't know.  Homegrown solution  Cornerstone HR  Ellucian Elevate  Skillsoft  Other product (please specify)  10f. For the primary academic human resources (e.g., re	Primary product  Our institution, what product was operating product  Our institution, what product was operating product  Our institution, what product was operating product  Output  Primary product  Primary product	Additional product  Operational?  Additional product  Operational product  Additional product  Additional product  Additional product	Product not in use  Output  Ou
I don't know.  Homegrown solution  Cornerstone HR  People Admin  Other product (please specify)  10e. For the primary workforce development system at y  I don't know.  Homegrown solution  Cornerstone HR  Ellucian Elevate  Skillsoft  Other product (please specify)  10f. For the primary academic human resources (e.g., resources)	Primary product  Our institution, what product was open primary product  Output  Outpu	Additional product  Operational?  Additional product  Operational product  Additional product  Additional product  Additional product	Product not in use  Product not in use  Product not in use  Product not in use

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		0		)	0
ner product (please specify)		0			0
g. For the primary <b>time and attendance</b> syst	tem at your institution,	what product was oper	ational?		
		Primary product	Additiona	al product	Product not in use
on't know.		0	(	)	0
megrown solution		0		)	0
use our core human resources information system for	or this purpose.	0	(	)	0
onos Workforce		0		)	0
cy UltraTime		$\circ$		)	•
ner product (please specify)		0	(	)	•
Financial Management Systems					
formation Systems and Applications					
1   Financial Management Systems					
ear. If your institution had more than one s isk for more details about provided systems  OTES:  For outsourced systems (including systems)  Include systems that were fully operati  For systems that were not fully operati	ignificant system in a s. stems in the cloud), in ional in the prior fisca ional, include any sys	n area, please responding the campus undicate the campus undicate the campus undicate the most of the	nit responsible for m	anaging the outsour	rcing agreement
ear. If your institution had more than one sight for more details about provided systems  OTES:  • For outsourced systems (including systems)  • Include systems that were fully operating functions of the system being delivere.  • Respond for all systems regardless of part of the financial management systems. System offices should include informa	ignificant system in a s.  stems in the cloud), in ional in the prior fiscal ional, include any systems part of an impler whether they are stalem).	ndicate the campus unal year. Stems for which the mentation project. Indicate the systems or project. Indicate the systems or project at the systems.	nit responsible for m ajority of intended u part of another syste	nanaging the outsour sers were able to us m (e.g., a procureme	rcing agreement e all authorized ent system that i
ar. If your institution had more than one s k for more details about provided systems  DTES: For outsourced systems (including systems) Include systems that were fully operation for systems that were not fully operations of the system being delivere Respond for all systems regardless of part of the financial management systems	ignificant system in a s.  stems in the cloud), in ional in the prior fiscal ional, include any systems part of an impler whether they are stalem).	ndicate the campus unal year. Stems for which the mentation project. Indicate the systems or project. Indicate the systems or project at the systems.	nit responsible for m ajority of intended u part of another syste	nanaging the outsour sers were able to us m (e.g., a procureme	rcing agreement e all authorized ent system that i
ar. If your institution had more than one sk for more details about provided systems OTES:  • For outsourced systems (including systems)  • Include systems that were fully operating functions of the system being delivere.  • Respond for all systems regardless of part of the financial management systems. System offices should include informating provided by the system office to camp	ignificant system in a s.  stems in the cloud), in ional in the prior fiscational, include any system as part of an impler whether they are statem).  ition systems that we uses within the system in the system in the system in the system is a system in the system in th	ndicate the campus used to t	nit responsible for majority of intended unpart of another systemsystem office as well  Functional area has operational	nanaging the outsour sers were able to use m (e.g., a procureme as information syste  The system or district office has operational	rcing agreement e all authorized ent system that i ems that were  This system is
ar. If your institution had more than one sk for more details about provided systems  OTES:  • For outsourced systems (including systems)  • Include systems that were fully operating functions of the system being deliverery end of the financial management systems. System offices should include informate provided by the system office to camp	ignificant system in a s.  stems in the cloud), in ional in the prior fiscational, include any system as part of an impler whether they are statem).  ition systems that we uses within the system in the system in the system in the system is a system in the system in th	ndicate the campus used to t	nit responsible for majority of intended unpart of another systemsystem office as well  Functional area has operational	nanaging the outsour sers were able to use m (e.g., a procureme as information syste  The system or district office has operational	rcing agreement e all authorized ent system that i ems that were  This system is
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- Enter information for all items as it related to your campus (e.g., the age of the information system implemented at your campus; whether the information system was customized to suit requirements for your campus).
- · For system offices, the term "primary information systems" refers to information systems provided to system campuses. If no information system was provided to a system campus, system offices should respond for the primary information system used at the system office.
- "System office."
  "System age" refers to the number of years since the initial release of the system at which point the majority of intended users were able to use all authorized functions of the system being delivered as part of the implementation project.

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  Colleges and universities use the CDS benchmarking service to inform their IT strategic planning and management.

	0–3	>3-10	>10-20	>20+				mization	De			
	years	years	years	years	Unknown	None	Minimal	Substantial	On-premises	o Off-premises	Hybrid	
a. Core ancial counting stem	0	0	0	0	0	0	0	0	0	0	0	
o. ocurement	0	0	0	0	0	0	0	0	0	0	$\circ$	
. Travel ense nagement	0	0	0	0	0	0	0	0	0	0	$\circ$	
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"Customization" refers to changing the core code of the application, which is different from "configuration" (i.e. setting up the system).

			rrently undertaking or r system upgrades?	operational pro	oduct for this system i years?	e the currently n the next three		
	Yes	No	Unknown	Yes	,	ıknown		
b. Procurement	0	0	0	0	0	$\bigcirc$		
c. Travel expense nanagement	0	0	0	0	0	0		
d. Budget nanagement	0	0	0	0	0	$\circ$		
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			Reduce ongoing cost	Replace legacy system	Upgrade function	Align with IT strategy ality / business reasons	Vendor relationship	Other (pleas specify)
a. Core financial acco	ounting system	n						
o. Procurement								
c. Travel expense ma	anagement							
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		t (Please	identify the system.	)		lo de		
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Other product (please specify)								
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15b. For the primary <b>procurement</b> system at your institution, what product was operational?  Primary product Additional product Product not	in use							
I don't know.								
Homegrown solution O								
We use our core financial accounting system for this purpose.								
Ellucian Banner Finance								
Ellucian Colleague Finance								
Jenzabar CX O								
Jenzabar EX O								
Kuali Financial System (KFS)								
Oracle E-Business Suite Financials								
Oracle PeopleSoft Financial Management								
SAP ERP Core Finance								
SciQuest Spend Director Enterprise/Higher Markets for Banner								
Unimarket O O								
Other product (please specify)								
15c. For the primary travel expense management system at your institution, what product was operational?  Primary product  Additional product  Product not in	n use							
I don't know.								
Homegrown solution   O								
Concur Travel & Expense								
Ellucian Travel and Expense Management (Chrome River)								
Oracle PeopleSoft Financial Management								
Other product (please specify)								
15d. For the primary <b>budget management</b> system at your institution, what product was operational?								
Primary product Additional product Product not in	n use							
Primary product Additional product Product not in I don't know.	n use							
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I don't know.  Homegrown solution  O O O O	n use							
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#### Q16 | Facilities Management Systems

#### Information Systems and Applications

Q16 | Facilities Management Systems

16. Please indicate which unit was responsible for providing the following <u>facilities management systems</u> in your institution during the prior fiscal year. If your institution had more than one significant system in an area, please respond for the primary system. In subsequent questions, we will ask for more details about provided systems.

#### NOTES:

- · For outsourced systems (including systems in the cloud), indicate the campus unit responsible for managing the outsourcing agreement.
- · Include systems that were fully operational in the prior fiscal year.
- For systems that were not fully operational, include any systems for which the majority of intended users were able to use all authorized functions of the system being delivered as part of an implementation project.
- Respond for all systems regardless of whether they are stand-alone systems or part of another system (e.g., a procurement system that is part of the financial management system).
- System offices should include information systems that were operational at the system office as well as information systems that were
  provided by the system office to campuses within the system.

	Central IT has operational responsibility	Distributed IT has operational responsibility	Functional area has operational responsibility	The system or district office has operational responsibility	This system is not provided/unsure
a. Core facilities management system	0	0	0	0	0
b. Room scheduling and utilization analysis	0	0	0	0	$\circ$
c. Housing room assignment	$\circ$	$\circ$	$\circ$	$\circ$	$\circ$
d. Building inventory	0	0	0	0	0
e. Building project management	0	0	0	0	0 >

#### Q17 | Facilities Management System Details

#### Information Systems and Applications

Q17 I Facilities Management System Details

NOTE: If you indicated in Question 16 that there are no listed systems provided at your institution, this page will be blank. Click Next to continue, o return to Question 16 to change your answers.

17. Please provide additional details for each of the <u>facilities management systems</u> that were operational at your institution during the prior fiscal year.

# NOTES:

- This table will display systems that you reported in Question 16 as being provided at your institution. Any changes to your answers in Question 16 will be reflected in this table.
- If your institution had more than one significant information system in an area, please respond for the primary information system.
- For campuses within multicampus systems or districts, if an information system was provided at the system or district level:
  - Enter information for all items as it related to your campus (e.g., the age of the information system implemented at your campus; whether the information system was customized to suit requirements for your campus).
  - For system offices, the term "primary information systems" refers to information systems provided to system campuses. If no
    information system was provided to a system campus, system offices should respond for the primary information system used at the
    system office.
- "System age" refers to the number of years since the initial release of the system at which point the majority of intended users were able to
  use all authorized functions of the system being delivered as part of the implementation project.
- "Customization" refers to changing the core code of the application, which is different from "configuration" (i.e. setting up the system).
- · Depending on your screen resolution, you may need to scroll horizontally to complete this question.

		System age					Extern or custo	IIIIZaliOII	<b>Берюунтент арргоасн</b>		
	0–3 years	>3-10 years	>10-20 years	>20+ years	Unknown	None	Minimal	Substantial	On-premises	Off-premises	Hybrid
<ul> <li>a. Core facilities management system</li> </ul>	0	0	0	0	0	0	0	0	0	0	0
<ul> <li>b. Room scheduling and utilization analysis</li> </ul>	0	0	0	0	0	0	0	0	0	0	0
» c. Housing room assignment	0	$\circ$	$\circ$	$\circ$	$\circ$	0	$\circ$	$\circ$	$\circ$	$\circ$	$\circ$
» d. Building inventory	0	$\circ$	$\circ$	0	$\circ$	0	$\circ$	0	0	0	$\circ$

	System age			9			Extent of custor	nization	[	Deployment approach	n 19	
	0–3 years	>3-10 : years	>10–20 years	>20+ years Unk	nown	None	Minimal	Substantial	On-premise	es Off-premises	s Hybrid	
e. Building oject anagement	0	0	0	0 (	О	0	0	0	0	0	0	
Facilities Man	agemer	t System <i>I</i>	Analytic	cs Capabili	ties							
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18 I Facilities Ma	anageme	eni System	Anaiyu	сѕ Саравііі	ies							
OTE: If you ind turn to Questic					no listed	systems	s provided a	t your institution	, this page w	ill be blank. Clic	k Next to conti	nue,
3. For each <i>fac</i>	eilities m	<u>anagemen</u>	t syste	<u>em,</u> how we	re syster	n data us	sed for analy	tics purposes?				
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b. Room schedulin nalysis	ng and utili	zation										
c. Housing room as	ssignment											
d. Building inventor	ry											
e. Building project	managem	ent										
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19   Facilities Ma	anageme	ent System	Upgrad	des and Plar	ns for Re	placemen	nt					
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9a. Please indic	cate you	r institutio	n's pla	ns for upgr	ade and/	or replac	ement for e	ach <i><u>facilities ma</u></i>	nagement sy	<u>stem</u> .		
and produc	ct.			_			-	nccommodate a n	•	_	•	vende
different ve		d product)	)	rently undertak		Does y	our institution p	lan to replace the curr	rently	Jame Volido	.,e ing to a	
		planning ar	ny major	system upgrad	des?		thre	or this system in the r e years?	next			
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nanagement system  b. Room schedulir  and utilization  analysis		_	0	0		0	0	0				
c. Housing room ssignment		0	0	0		0	0	0				
d. Building		_	_				_					

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1. Please indicate which unit was responsible astitution had more than one significant systematic about provided systems.  OTES:  For outsourced systems (including systematic include systems that were fully operation functions of the system being delivered include and for all systems regardless of water of the financial management system system offices should include informatic provided by the system office to campus	em in an area, please re ems in the cloud), indica nal in the prior fiscal ye nal, include any system as part of an implement hether they are stand-a i). on systems that were op les within the system.  Central IT has operational	ate the campus u ar. s for which the m ation project. lone systems or perational at the soperational	nit responsible for m ajority of intended u part of another syste system office as well Functional area has operational	nanaging the outsourd sers were able to use im (e.g., a procurement as information syste  The system or district office has operational	cing agreement. e all authorized nt system that is ms that were
1. Please indicate which unit was responsible a stitution had more than one significant systematic tetails about provided systems.  IOTES:  For outsourced systems (including systematic include systems that were fully operationally operatio	em in an area, please re ems in the cloud), indica nal in the prior fiscal ye nal, include any system as part of an implement hether they are stand-a i). on systems that were op les within the system.  Central IT has operational	ate the campus u ar. s for which the m ation project. lone systems or perational at the soperational	nit responsible for m ajority of intended u part of another syste system office as well Functional area has operational	nanaging the outsourd sers were able to use im (e.g., a procurement as information syste  The system or district office has operational	cing agreement. e all authorized nt system that is ms that were
1. Please indicate which unit was responsible astitution had more than one significant systeletails about provided systems.  IOTES:  For outsourced systems (including systeletails about provided systems (including systeletails) include systems that were fully operation.  For systems that were not fully operation functions of the system being delivered at the Respond for all systems regardless of we part of the financial management system.  System offices should include informatic provided by the system office to campus.  Campus customer relationship management (CRM).	em in an area, please re ems in the cloud), indica nal in the prior fiscal ye nal, include any system as part of an implement hether they are stand-a i). on systems that were op les within the system.  Central IT has operational	ate the campus u ar. s for which the m ation project. lone systems or perational at the soperational	nit responsible for m ajority of intended u part of another syste system office as well Functional area has operational	nanaging the outsourd sers were able to use im (e.g., a procurement as information syste  The system or district office has operational	cing agreement. e all authorized nt system that is ms that were
c1. Please indicate which unit was responsible a stitution had more than one significant systeletails about provided systems.  HOTES:  For outsourced systems (including systement of the include systems that were fully operation functions of the system being delivered of the including systement of the financial management systement sys	em in an area, please remain an area, please remain the cloud), indicated in the prior fiscal years, include any system as part of an implement hether they are stand-attribute.  Central IT has operational responsibility	ate the campus user. Is for which the mation project. Ione systems or perational at the state operational responsibility	nit responsible for majority of intended upart of another system office as well  Functional area has operational responsibility	nanaging the outsourd sers were able to use of the managing the outsourd sers were able to use of the managing the outsourd sers were able to use of the managing the outsourd the managing the managing the managing the managing the managing the managing the outsourd the managing	cing agreement. e all authorized nt system that is ms that were  This system is n provided/unsure
c1. Please indicate which unit was responsible institution had more than one significant systeletails about provided systems.  HOTES:  For outsourced systems (including systemation include systems that were fully operation functions of the system being delivered including systems that were not fully operation functions of the system being delivered including systems regardless of we part of the financial management system include information provided by the system office to campus included by the system office to campus included including the content management (CRM)  Web content management  Campus one-card/identity card	em in an area, please remain an area, please remain the cloud), indicated in the prior fiscal years, include any system as part of an implement hether they are stand-au).  On systems that were ones within the system.  Central IT has operational responsibility	ate the campus user. Is for which the mation project. Ione systems or perational at the second perational responsibility	nit responsible for majority of intended upart of another system office as well  Functional area has operational responsibility	nanaging the outsourd sers were able to use im (e.g., a procurement as information syste  The system or district office has operational responsibility	cing agreement. e all authorized nt system that is ms that were  This system is n provided/unsure
c1. Please indicate which unit was responsible institution had more than one significant systeletails about provided systems.  IOTES:  For outsourced systems (including systemation include systems that were fully operation for systems that were not fully operation functions of the system being delivered includes. Respond for all systems regardless of we part of the financial management system. System offices should include information provided by the system office to campus included by the system office to campus included included included by the system office to campus included by the system of the sys	em in an area, please re ems in the cloud), indica nal in the prior fiscal ye nal, include any system as part of an implement hether they are stand-a a).  Central IT has operational responsibility	ate the campus user. Is for which the mation project. Ione systems or perational at the strength operational responsibility	nit responsible for majority of intended unpart of another system office as well  Functional area has operational responsibility	nanaging the outsourd sers were able to use office has operational responsibility	cing agreement. e all authorized nt system that is ms that were  This system is n- provided/unsure
c1. Please indicate which unit was responsible institution had more than one significant systeletails about provided systems.  NOTES:  For outsourced systems (including systemation in the system structure of the systems that were fully operation in the systems that were not fully operation functions of the system being delivered in the system of the financial management system of the financial management system of the system office to campus provided by the system office to campus in the compusion of the system of	em in an area, please remain an area, please remain the cloud), indicated in the prior fiscal years, include any system as part of an implement hether they are stand-au).  On systems that were opposes within the system.  Central IT has operational responsibility	ate the campus user. Is for which the mation project. Ione systems or perational at the stoperational responsibility	nit responsible for majority of intended upart of another system office as well  Functional area has operational responsibility	anaging the outsourd sers were able to use of the system or district office has operational responsibility	cing agreement. e all authorized nt system that is ms that were  This system is n provided/unsure
c1. Please indicate which unit was responsible institution had more than one significant systems letails about provided systems.  IOTES:  For outsourced systems (including systemation include systems that were fully operation for systems that were not fully operation functions of the system being delivered included in the system segardless of we part of the financial management system included information included by the system office to campus included by the system office to campus included included included included by the system office to campus included included included included by the system office to campus included included included included included included by the system office to campus included includ	ems in the cloud), indicated in the prior fiscal yenal, include any system as part of an implement hether they are stand-au).  Central IT has operational responsibility	ate the campus usur. Is for which the mation project. Ione systems or perational at the superational responsibility	nit responsible for majority of intended upart of another system office as well  Functional area has operational responsibility	anaging the outsourd sers were able to use of the system or district office has operational responsibility	cing agreement. e all authorized nt system that is ms that were  This system is n provided/unsure
1. Please indicate which unit was responsible astitution had more than one significant systematical about provided systems.  OTES:  For outsourced systems (including systematical include systems that were fully operation functions of the system being delivered at the system of the system regardless of which part of the financial management system system offices should include informatical provided by the system office to campus  Campus customer relationship management (CRM)  Web content management  Campus one-card/identity card  Parking  Document management  Event calendar  Event management	em in an area, please remain an area, please remain the cloud), indicated in the prior fiscal years, include any system as part of an implement thether they are stand-ato).  On systems that were optes within the system.  Central IT has operational responsibility	ate the campus user. Is for which the mation project. Ione systems or perational at the strength operational responsibility	nit responsible for majority of intended upart of another system office as well  Functional area has operational responsibility	anaging the outsourd sers were able to use of the system or district office has operational responsibility	cing agreement. e all authorized nt system that is ms that were  This system is n provided/unsure

This table will display systems that you reported in Question 21 as being provided at your institution. Any changes to your answers in Question 31 will be seffected in this table in only. This is the Information Systems and Applications module of the EDUCAUSE Core Data Service annual survey.

Colleges and universities use the CDS benchmarking service to inform their IT strategic planning and management.

Learn more on the Core Data Service website: www.educause.edu/coredata

- If your institution had more than one significant information system in an area, please respond for the primary information system. 23
- For campuses within multicampus systems or districts, if an information system was provided at the system or district level:
  - Enter information for all items as it related to your campus (e.g., the age of the information system implemented at your campus; whether the information system was customized to suit requirements for your campus).
  - For system offices, the term "primary information systems" refers to information systems provided to system campuses. If no
    information system was provided to a system campus, system offices should respond for the primary information system used at the
    system office.
- "System age" refers to the number of years since the initial release of the system at which point the majority of intended users were able to
  use all authorized functions of the system being delivered as part of the implementation project.
- "Customization" refers to changing the core code of the application, which is different from "configuration" (i.e. setting up the system).
- Depending on your screen resolution, you may need to scroll horizontally to complete this question.

	System age						Extent of custo	omization	Deployment approach		
	0-3 years	>3-10 years	>10-20 years	>20+ years	Unknown	None	Minimal	Substantial	On-premises	Off-premises	Hybrid
<ul> <li>a. Campus customer relationship management (CRM)</li> </ul>	0	0	0	0	0	0	0	0	0	0	0
» b. Web content management	0	$\circ$	$\circ$	$\circ$	$\circ$	0	0	$\circ$	0	$\circ$	$\circ$
» c. Campus one-card/identity card	0	$\circ$	$\circ$	$\circ$	0	0	$\circ$	0	0	0	$\circ$
» d. Parking	0	$\circ$	0		$\circ$	0	0	0	0	$\circ$	$\circ$
» e. Document management	0	$\circ$	$\circ$	$\circ$	$\circ$	0	$\circ$	$\circ$	0	$\circ$	$\circ$
» f. Event calendar	0	$\circ$	$\circ$	$\circ$	$\circ$	0	$\circ$	$\circ$	0	$\circ$	$\circ$
» g. Event management	0	$\circ$	$\circ$	$\circ$	$\circ$	0	$\circ$	$\circ$	0	$\circ$	$\circ$
» h. Portal	0	$\circ$	0	$\circ$	$\circ$	0	0	$\circ$	0	$\circ$	$\circ$
» i. Public safety system	0	$\circ$	$\circ$	$\circ$	$\circ$	0	$\circ$	$\circ$	0	$\circ$	$\circ$

# **Q23 I Enterprise System Analytics Capabilities**

#### Information Systems and Applications

Q23 I Enterprise System Analytics Capabilities

NOTE: If you indicated in Question 21 that there are no listed systems provided at your institution, this page will be blank. Click Next to continue, or return to Question 21 to change your answers.

#### 23. For each enterprise system, how were system data used for analytics purposes?

	Data from this product were accessed through analytics capabilities built into the product	Data from this product were placed in an operational datastore	Data from this product were used in dashboards presented in another product	Other (please specify)	Not applicable - data from this product were not used for analytics purposes
» a. Campus customer relationship management (CRM)					
» b. Web content management					
» c. Campus one-card/identity card					
» d. Parking					
» e. Document management					
» f. Event calendar					
» g. Event management					
» h. Portal					
» i. Public safety system	О				

(	Other analytics capability (Please identify the system.)

#### Information Systems and Applications

Q24 I Enterprise System Upgrades and Plans for Replacement

NOTE: If you indicated in Question 21 that there are no listed systems provided at your institution, this page will be blank. Click Next to continue, or return to Question 21 to change your answers.

24a. Please indicate your institution's plans for upgrade and/or replacement for each enterprise system.

#### NOTE:

- "Major system upgrade" refers to changes made to an information system accommodate a major release of the currently implemented vendor and product.
- "Replace" refers to implementation of a completely new product (e.g., moving to a different product with the same vendor; moving to a
  different vendor and product)

			rently undertaking or system upgrades?			oduct for this system in ree years?
	Yes	No	Unknown	Yes	No	Unknown
» a. Campus customer relationship management (CRM)	0	0	0	0	0	0
» b. Web content management	0	$\circ$	0	0	$\circ$	0
» c. Campus one- card/identity card	0	$\circ$	$\circ$	0	$\circ$	$\circ$
» d. Parking	0		0	0	$\circ$	0
» e. Document management	0	$\circ$	$\circ$	0	$\circ$	$\circ$
» f. Event calendar	0	$\circ$	0	0	$\circ$	$\circ$
» g. Event management	0	$\circ$	$\circ$	0	$\circ$	$\circ$
» h. Portal	0	$\circ$	0	0	$\circ$	$\circ$
» i. Public safety system	0	$\circ$	0	0	$\circ$	$\circ$

# Information Systems and Applications

Q24 I Enterprise System Upgrades and Plans for Replacement

NOTE: If you indicated in Question 21 that there are no listed systems provided at your institution, this page will be blank. Click Next to continue, or return to Question 21 to change your answers.

24b. For each <u>enterprise system</u>, why is your institution planning to replace the currently operational system with a new product (from either the same or a different vendor) within the next three years? (Check all that apply.)

	Reduce ongoing cost	Replace legacy system	Upgrade functionality	Align with IT strategy / business reasons	Vendor relationship	Other (please specify)
» a. Campus customer relationship management (CRM)						
» b. Web content management						
» c. Campus one-card/identity card						
» d. Parking						
» e. Document management						
» f. Event calendar						
» g. Event management						
» h. Portal						
» i. Public safety system						

Other reason for replacement (Please identify the system.)

0

			25
5 I Enterprise System Products			
Information Systems and Applications			
Q25   Enterprise System Products			
25. For enterprise systems that you indicate please select the primary product that was convotes:  This page will display systems that you Question 21 will be reflected in this page. Please indicate any additional product. To indicate that you do not know which	pperational at your institution for eac u reported in Question 21 as being page. s that were operational at your institu	ch system.  rovided at your institution. Any chution using the "Additional produc	anges to your answers in
row.			
25a. For the primary campus customer relation	onship management (CRM) system at  Primary product	your institution, what product was op Additional product	perational?  Product not in use
don't know.	0	0	•
Homegrown solution	0		
			0

 $\bigcirc$ 

0

0

 $\bigcirc$ 

 $\bigcirc$ 

0

Ellucian CRM

Oracle RightNow

Salesforce

Microsoft Dynamics 365

Jenzabar Internet Campus Solution (JICS)

Oracle PeopleSoft Enterprise CRM

Other product (please specify)

25b. For the primary web content management system at you	ır institution, what product was operat	ional?	
	Primary product	Additional product	Product not in use
I don't know.	0	$\circ$	•
Homegrown solution	0	0	0
Adobe Contribute	0	$\circ$	•
Adobe (Day) CQ	0	0	0
Blue River Interactive Group Mura	0	0	•
dotCMS	0	0	•
DotNetNuke DNN Evoq	0	0	•
Drupal	0	0	•
Ektron CMS	0	0	•
Ektron Web Management System (WCMS) for Ellucian	0	0	•
EllisLab ExpressionEngine	0	0	•
Ellucian ActiveCampus	0	0	0
Hannon Hill Cascade Server	0	0	•
Ingeniux CMS	0	0	0
Jadu Continuum	0	0	0

	Primary p	product Additional pro	duct Product not #6use
Joomla	С	0	0
Microsoft Sharepoint	C	0	•
OmniUpdate OU Campus	С	0	0
OpenText (OpenText Web Solutions, RedDot) Web Site Mana	gement		•
OpenText (Vignette) Web Experience Management	С	0	0
PaperThin CommonSpot	C	)	•
Percussion CMS	C	0	0
Progress Software (Telerik) Sitefinity	C	)	•
Reason CMS	C	)	0
Sitecore CMS		0	0
Squiz (MySource) Matrix			0
TERMINALFOUR Site Manager		-	0
White Whale LiveWhale CMS			0
WordPress			0
Other product (please specify)			0
	C	0	•
25c. For the primary campus one-card/identity ca	rd system at your institution, what p	roduct was operational?	
	Primary product	Additional product	Product not in use
I don't know.	0	0	0
Homegrown solution	0	0	0
Blackboard Transact	0	0	0
Other product (please specify)	0	0	0
25d. For the primary <b>parking</b> system at your institu-	tion, what product was operational?		
	Primary product	Additional product	Product not in use
I don't know.	$\circ$	$\circ$	0
Homegrown solution	0	0	0
BOSSCARS	$\circ$	0	0
Cardinal TicketTrak	0	0	0
NuPark	$\circ$	$\circ$	0
T2 Flex PARCS	0	0	0
Other product (please specify)	0	0	0
25e. For the primary <b>document management</b> system	em at vour institution, what product i	was operational?	
	om at your montanen, mat product		
	Primary product	Additional product	Product not in use
I don't know.		Additional product	Product not in use
I don't know.  Homegrown solution	Primary product	<u> </u>	
	Primary product	0	0
Homegrown solution	Primary product	0	0
Homegrown solution  Banner Document Management	Primary product	0	0
Homegrown solution  Banner Document Management  EMC ApplicationXtender	Primary product	0 0 0	0
Homegrown solution  Banner Document Management  EMC ApplicationXtender  EMC Documentum	Primary product	0 0 0 0	• • •
Homegrown solution  Banner Document Management  EMC ApplicationXtender  EMC Documentum  Google Docs	Primary product	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Homegrown solution  Banner Document Management  EMC ApplicationXtender  EMC Documentum  Google Docs  Hyland OnBase	Primary product	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0

	cause.edu/coredata.	
	at www.edu	
- 11-0	Portal	
	gh the CDS	
	ses through	
	ial responses	-
	Submit offic	

	Primary product	Additional product	Product not in u%	
Perceptive ImageNow	0	0	•	
Perceptive Nolij	0	0	•	
Other product (please specify)	0	$\circ$	•	
25f. For the primary <b>event calendar</b> system at you	r institution, what product was opera	itional?		
231. For the primary event calendar system at you	i institution, what product was opera	uionai !		
	Primary product	Additional product	Product not in use	_
I don't know.	0	0	0	
Homegrown solution	0	0	0	
Active Data	0	0	0	
Ad Astra Schedule	0	0	0	
CollegeNET Series25 (Schedule25, 25Live, or R25)	0	0	•	
Dean Evans & Associates EMS Campus	0	0	•	
Google Calendar	0	0	0	
Jasig Bedework	0	0	0	
Other product (please specify)	0	0	•	
25g. For the primary <b>event management</b> system a	t your institution, what product was	operational?		
	Primary product	Additional product	Product not in use	
I don't know.	0	0	•	
Homegrown solution	0	0	0	
We use our event calendar system for this purpose.	0	0	0	Z
Cvent Event Management	0	0	0	
EMS Enterprise	0	0	•	
Other product (please specify)	0	0	0	
	U	0	•	Ω
				Ω
25h. For the primary <b>portal</b> system at your institution	on, what product was operational?			
	Primary product	Additional product	Product not in use	0
I don't know.	0	0	•	<u> </u>
Homegrown solution	0	0	0	۲
Blackboard	0	0	0	
CampusEAI myCampus	0	0	0	
Ellucian (Banner) Luminis	0	0	0	
Ellucian Portal	0	0	0	
Apereo uPortal	0	0	0	
Liferay	0	0	0	
Microsoft Sharepoint	0	0	0	
Oracle Peoplesoft Interaction Hub (Enterprise Portal)	0	0	0	
Other product (please specify)		_		
	0	0	•	
25i. For the primary <b>public safety</b> system at your in	nstitution, what product was operation	onal?		
I do all local	Primary product	Additional product	Product not in use	_
I don't know.	0	0	0	
Homegrown solution	0	0	0	
ARMS	0	0	0	
RAVE Mobile Safety  Other product (please specify)	Primary product	Additional product	Product not in use	

#### **Information Systems and Applications**

Q26 I Research Administration Systems

26. Please indicate which unit was responsible for providing the following <u>research administration systems</u> in your institution during the prior fiscal year. If your institution had more than one significant system in an area, please respond for the primary system. In subsequent questions, we will ask for more details about provided systems.

#### NOTES:

- For outsourced systems (including systems in the cloud), indicate the campus unit responsible for managing the outsourcing agreement.
- · Include systems that were fully operational in the prior fiscal year.
- For systems that were not fully operational, include any systems for which the majority of intended users were able to use all authorized functions of the system being delivered as part of an implementation project.
- Respond for all systems regardless of whether they are stand-alone systems or part of another system (e.g., a procurement system that is
  part of the financial management system).
- System offices should include information systems that were operational at the system office as well as information systems that were
  provided by the system office to campuses within the system.

	operational responsibility	operational responsibility	runctional area has operational responsibility	office has operational responsibility	This system is not provided/unsure
a. Grants management: postaward	0	0	0	0	0
b. Grants management: preaward	0	$\circ$	$\circ$	$\circ$	$\circ$
c. Institutional review board (IRB) information system	0	$\circ$	$\circ$	$\circ$	$\circ$
d. Institutional Animal Care and Use Committee (IACUC) management	0	0	0	0	0
e. Conflict of interest management	0	$\circ$	$\circ$	0	0

#### Q27 I Research Administration System Details

# Information Systems and Applications

Q27 | Research Administration System Details

NOTE: If you indicated in Question 26 that there are no listed systems provided at your institution, this page will be blank. Click Next to continue, of return to Question 26 to change your answers.

27. Please provide additional details for each of the <u>research administration systems</u> that were operational at your institution during the prior fiscal year.

#### NOTES:

- This table will display systems that you reported in Question 26 as being provided at your institution. Any changes to your answers in Question 26 will be reflected in this table.
- If your institution had more than one significant information system in an area, please respond for the primary information system.
- For campuses within multicampus systems or districts, if an information system was provided at the system or district level:
  - Enter information for all items as it related to your campus (e.g., the age of the information system implemented at your campus; whether the information system was customized to suit requirements for your campus).
    - For system offices, the term "primary information systems" refers to information systems provided to system campuses. If no
      information system was provided to a system campus, system offices should respond for the primary information system used at the
      system office.
- "System age" refers to the number of years since the initial release of the system at which point the majority of intended users were able to
  use all authorized functions of the system being delivered as part of the implementation project.

Extent of customization

- · "Customization" refers to changing the core code of the application, which is different from "configuration" (i.e. setting up the system).
- Depending on your screen resolution, you may need to scroll horizontally to complete this question.

System and

			Cystem ag			_	.xtcmt or cust	omzation	Deplo	yment approact	
	0–3 years	>3-10 years	>10-20 years	>20+ years	Unknown	None	Minimal	Substantial	On-premises	Off-premises	Hybrid
» a. Grants management: postaward	0	0	0	0	0	0	0	0	0	0	0
» b. Grants management: preaward	0	0	0	0	0	0	0	0	0	0	0
<ul><li>c. Institutional review board (IRB) information system</li></ul>	0	0	0	0	0	0	0	0	0	0	0
» d. Institutional Animal Care and Use Committee (IACUC) management	0	0	0	0	0	0	0	0	0	0	0

		S	ystem a	age		ı	Extent of custo	omization	Deplo	yment approach	1	29	
	0–3 years	>3-10 years	>10-2		Unknown	None	Minimal	Substantia	al On-premises	Off-premises	Hybrid		
e. Conflict of terest anagement	0	0	0	0	0	0	0	0	0	0	0		
Research Admi	nistrati	on Syste	em An	alytics C	apabilities								
formation Syst	tems a	nd Appl	licatio	ons									
28 I Research Ad	ministra	tion Syst	em An	alytics C	apabilities								
OTE: If you indic turn to Question					are no list	ed sys	tems provi	ded at you	r institution, this	page will be	blank. Cli	ck Next to continu	ue, c
. For each <i>rese</i>	arch ac	lministra		Data from were acc analytics of	ow were sy in this product essed through capabilities bui ne product	Da Ilt v	data used for ta from this provere placed in erational datas	D oduct we an p	s purposes?  ata from this product re used in dashboards presented in another product	Other (plea:	se specify)	Not applicable - data this product were no for analytics purpo	ot use
a. Grants manageme	ent: posta	ward									)		
o. Grants manageme													
: Institutional review ormation system	/ board (I	RB)											
I. Institutional Anima mmittee (IACUC) ma													
. Conflict of interest	manage	ment									)		
Research Admi		-			and Plans f	or Repl	lacement		2				
29   Research Adi DTE: If you indic turn to Question	ated in	Questio	n 26 tl	hat there		·		ded at you	r institution, this	page will be	blank. Cli	ck Next to continu	ue, c
OTE: • "Major syste and product.	m upgr	ade" refe	ers to	changes	s made to a	n infor	mation sys	tem accor	r <u>esearch administ</u> nmodate a major i a different produc	elease of the	e currentl	y implemented ve or; moving to a	endo
amoroni ven		Is your ins	titution		ndertaking or upgrades?		currently oper		an to replace the ct for this system in				
		Yes	No		Unknown		Yes	No	Unknown				
a. Grants anagement: staward		0	0		0		0	0	0				
b. Grants anagement: eaward		0	0		0		0	0	0				
c. Institutional review pard (IRB) information		$\circ$	$\circ$		$\circ$		$\circ$	$\circ$	0				

		titution currently undertaking any major system upgrades?	OI currently o	rour institution plan to rep operational product for thi the next three years?			30
	Yes	No Unknown	Yes	No Unkr	nown		
d. Institutional nimal Care and Use committee (IACUC) anagement	0	0 0	0	0			
e. Conflict of interest anagement	0	0 0	0	0 0			
formation System	e and Anni	ications					
		ades and Plans for Repl	acement				
OTE: If you indicated turn to Question 26		n 26 that there are no li our answers.	isted systems pro	ovided at your insti	tution, this page wil	l be blank. Click Ne	xt to continue
		ntion system, why is yout vendor) within the ne				nal system with a n	ew product
		Reduce ongoing cost	Replace legacy system	Upgrade functionality	Align with IT strategy / business reasons	Vendor relationship	Other (please specify)
a. Grants management: p	ostaward						
b. Grants management: p	reaward						
c. Institutional review boar ormation system	rd (IRB)						
d. Institutional Animal Car mmittee (IACUC) manage							
e. Conflict of interest man		0		0	0		
Research Administ	ration Syste	m Products			<i>h</i>		
formation System	s and Appl	ications					
030 I Research Adm OTE: If you indicated eturn to Question 26	I in Question	n 26 that there are no li	isted systems pro	ovided at your instit	tution, this page wil	l be blank. Click Ne	xt to continue,
		<i>/stems</i> that you indicat ary product that was o				it at your institutior	ı during the pr
Question 26 will  Please indicate a	be reflected my addition	ns that you reported in in this page. al products that were o now which primary pro	perational at you	ur institution using	the "Additional prod	duct" column.	
				n what product was	operational?		
Da. For the primary <b>po</b>	staward gra	nts management syste	-	•	alalisia analogo de d		
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Oa. For the primary po	staward gra	nts management syste	Primary product	•	0		0

n, what product was operational?  Additional product	Product not in use
n, what product was operational?  Additional product	Product not in use
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	t your institution, what product was operational

	Primary product	Additional product	Product not in use 32
on't know.	0	0	0
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er product (please specify)	0	0	•
ormation Systems and Application  1–32   Supplemental Information	ions		
S participants who may be using yo		out information systems and applicat mples: We are migrating from comme ary system. (optional)	
Please provide the name and e-ma tional)	il address of the person to contact	regarding your institution's responses	s to this module of the CDS surve
6 I Module Feedback		<i>Z</i>	
ormation Systems and Applicati 3–36 Module Feedback  EDUCAUSE welcomes your feedbarr institution that are not addressed	ack on this survey module. Please le	et us know of any technologies, innov his year's survey. We'd also like to kn	
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O Difficult

O Somewhat difficult	33
○ Somewhat easy	
○ Easy	
○ Very easy	
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