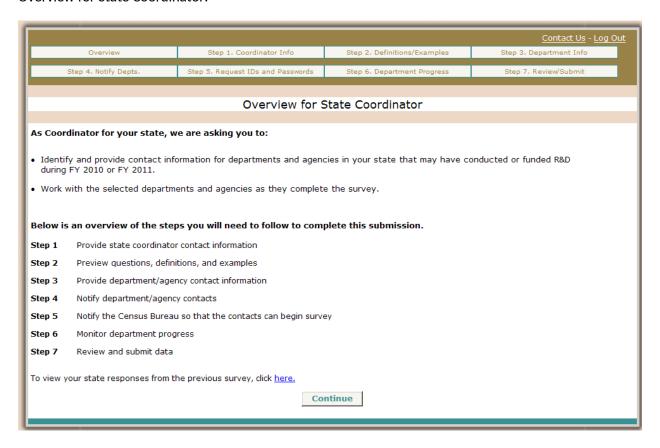
Survey of State R&D

Attachment A - FY 2010/11 SGRD State Coordinator Layout

FY 2010 and FY 2011 Survey of Census State Government R&D People, Places, and Our Economy Our Economy
OMB: 0607-0933 Exp: 04/30/2013
Home System Requirements Contact Us
Welcome!
The purpose of the FY 2010 and FY 2011 Survey of State Government R&D is to measure your state's contributions toward scientific advancement and technological innovation. The results of this survey will be used to estimate national totals for R&D in conjuction with other data collected by the National Science Foundation from private industry, academic institutions, and the federal government.
**** Warning ****
You have accessed a United States government computer. Use of this computer without authorization or for purposes for which authorization has not been extended is a violation of federal law and can be punished with fines or imprisonment (Public Law 99-474). Violators are subject to having their processes terminated. System usage by an individual accessing the site may be monitored, recorded, and subject to audit. Use of this system indicates consent to monitoring and recording.
UserID:
Admin website
Survey Status
State Confirm Date
Logout
Results of this survey will be published by the National Science Foundation at www.nsf.gov/statistics .
Burden Statement
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless such collection displays a valid Office of Management and Budget (OMB) control number. The OMB control number for this survey is displayed at the top right of the survey "Home" page.
The time required to complete these responses is estimated to be approximately four hours for the state coordinator and one and a half hours for agency respondents.
The burden on state coordinators includes the initial identification of department and agency contacts, monitoring of department and agency responses, and final review and verification of state data.
The burden on agency respondents includes the initial collection of data and the entry of data into the Web application.
Send comments about this burden estimate or any other aspect of this collection of information, including suggestions for reducing burden to:
Paperwork Project 0607-0933 U.S. Census Bureau 4700 Silver Hill Road, Stop 1500 Washington, DC 20233-1500.
You may e-mail comments to Paperwork@census.gov; use "Paperwork Project 0607-0933 " as the subject.
Survey Questions and Definitions (PDF)

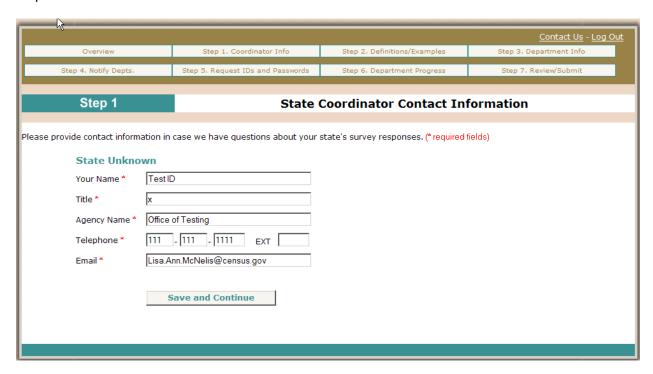
Overview for State Coordinator:



Fiscal Year 2009 Summary for State:

Overview Step 1. Coordinator Info Step 2. Definiti	Contact Us - Log Ou ons/Examples Step 3. Department Info
Step 4. Notify Depts. Step 5. Request IDs and Passwords Step 6. Departs	
Fiscal Year 2009	
Summary for State Unk	known
selow are your survey responses from Fiscal Year 2009. State R&D Totals:	
Question 1	
R&D Expenditures by Performer and Sources of Funds	FY 2009
Internal Performers - Department/Agency • State Funds	\$ 1
Federal Funds	\$ 0
Other Funds	\$ 1
External Performer - Academic Institutions	4 -
All Funds External Performer - Companies and Individuals	\$ 1
All Funds	\$ 1
External Performer - Other • All Funds	\$ 1
Total R&D Expenditures	\$ 5
Question 2 (subset of Question 1 "Total")	\$
Question 2 (subset of Question 1 "Total") Basic Research Expenditures	\$ 15
Question 3 (subset of Question 1 "Total")	\$ 2
R&D Expenditures from Federal Funds Question 4 (breakout of Question 1 "Total")	3 4
Expenditures by type of R&D • Agriculture	
Energy (New category)	\$ 0
Environment and natural resources	\$ 0
Health	\$ 0
Transportation	\$ 0
• Other	\$ 6
	\$ 0
Question 5 (not included in Question 1 "Total") Expenditures for Construction and Acquisition of Facilities Used Primarily for R&D	\$ 0
State Agency Totals	
State Agency Totals: Question 1: Total R&D	FY 2009
Expenditure	
Office of Sub Testing	\$ 5
Question 2: Basic Research	FY 2009
	4.15
Office of Sub Testing	\$ 15
Question 3: Federal R&D funds	FY 2009
Office of Sub Testing	\$ 2
Question 4: R&D Expenditures by type of research	FY 2009
Office of Sub Testing	\$ 6
Question 5: Construction R&D	FY 2009
Office of Sub Testing	\$ 0
Return to Survey	

Step 1. Coordinator Contact Information.



Step 2. Definitions/Examples.

Step 2 **Definitions/Examples** Survey definitions and examples of R&D are provided below. Use the button below to view a printable version of these definitions and a preview of the survey questions. Survey Questions and Definitions (PDF) If you have any questions about these definitions or the survey in general, please contact: A) What does R&D mean? B) What should be included/excluded in R &D? Lisa McNelis, Survey Project Manager U.S. Census Bureau (800) 622-6193 govs.nsf.list@census.gov C) What makes it R&D? D) What are sources of R&D Funding (Question 1)? E) What does R&D performer mean (Question 1)? F) What expenditures should be included/excluded? G) What is the definition of Fiscal Year? H) What is the definition of basic research (Question 2)? I) What is the definition of "construction and acquisition of facilities" (Question 5)? Previous Continue Research and development (R&D) is creative work conducted systematically to: 1) extend scientific knowledge, or 2) devise new or improved applications Applications can include materials, products, devices, processes, systems, or services. B) What should be included/excluded in R&D? R&D includes, but is not limited to, activities that produce: Program planning and evaluation Management studies Strategic planning Business development services for new companies Market research or analysis Economic / policy / feasibility studies Routine data collection / dissemination Information systems Routine monitoring / testing General patient services Marketing of products / services Commercialization (includes promoting/producing the products/services from R&D projects) Ideas that might be patented Findings that could be published in academic journals New or improved products or applications Examples of classifying R&D in four situations

Activity	It IS R&D	It is NOT R&D
Technical assistance	You hire a technical consultant to test the disease resistance for the new fish species you are developing. (The assistance addresses the uncertainty of the science/technology aspects of the product or service.)	You hire a technical consultant to help you design the graphic design for the package to ship your new fish species when you begin offering it for sale to other states. (The assistance addresses the uncertainty of the marketing/production aspects of the product or service.)
Help for new businesses	You provide funding to new businesses to help them with the costs of building prototypes of products they are developing.	You provide funding for new technology companies to help them acquire basic skills to market their new products.
Consulting	You use a consultant to plan testing of a highway pavement material that your transportation research center is trying to develop.	You use a consultant to help you secure health and safety approval for your new pavement material.
Developing a product from your research	You hire a university research center to test a new type of grass you developed to test whether it will survive actual conditions along the coastline.	You hire a law firm to help you with the process for patenting the new grass that you developed.

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C) What makes it R&D?

What makes it R&D	When it is R&D	When it is NOT R&D
R&D is novel. It increases our knowledge of the subject. It hasn't been done before.	You are testing blood samples as part of a research project to find out the side effects of a new cancer treatment.	You are collecting information from samples of patients to estimate the incidence of chicken pox in the state's population. (You are using a standard approach to estimate the spread of chicken pox.)
R&D creates solutions useful to others. • Others might benefit from the findings. • The findings can be generalized to other situations and locations.	You are testing a pavement on your highways that is currently used only at airports. Other states will want the results.	You are testing pavement on your state's highways to estimate how much you need to budget for pavement replacement over the next five years. (Other states will not benefit from your specific state information.)
The outcome of R&D is uncertain. The solution isn't obvious to an expert in that field.	Your research involves monitoring streams to determine whether a new program is increasing the population of a particular type of fish.	You are monitoring streams as part of plan to implement long-term monitoring for a particular type of fish. (The monitoring plan has already been tested and you are certain of the quality of the plan.)

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D) What are sources of R&D funding (Question 1)?

State	State appropriations and grants, tobacco settlement funds, state lottery proceeds
Federal	Grants, contracts, and appropriations from the United States government
All other	Grants and contracts from: Companies Nonprofit organizations Other state governments City, county, regional, or other local governments

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E) What does R&D performer mean (Question 1)?

Performers are the people who conduct R&D.

Internal Performers:	Within your department/agency
	 R&D performed by your department's/agency's employees Services performed by others in support of an internal R&D project (e.g., lab testing) Administration/management of external R&D project

External Performers:	Those outside your department/agency who perform R&D under the administrative oversight or control of your department/agency. This may include projects for your department/agency, as well as your extramural research programs.
Academic institutions	Public or private universities and colleges
Companies and individuals	Companies or individuals under contract for research projects or that received grants for research projects
Others	Nonprofit organizations Other departments/agencies within your state Other state governments City, county, regional, or other local governments Federal government

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F) What expenditures should be included/excluded?

Expenditures are amounts paid for current operations (Question 1 through 4) and capital outlays (Question 5).

Respondents to this survey will be asked to report expenditures by performer of R&D. Please refer below for guidance on the types of expenditures to report for internal and external performers.

Expenditures for your Department/Agency as Performer (Internal)

Include:	Do NOT include:
Salaries, wages, and benefits Supplies Purchased services (e.g. lab testing) Travel Indirect or overhead costs for R&D activities Equipment	Agency and other fiduciary fund expenditures Intra-agency transactions Non-cash payments

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Expenditures for Academic Institutions, Companies or Individuals, or Others as Performers (External)

Include:	Do NOT include:
Grants Payments for contracted R&D projects Reimbursable costs for R&D projects Reimbursable costs for R&D projects	 Pass-through grants over which you have no administrative oversight or control Direct appropriations to state universities that are used for R&D activities over which you have no oversight or control. (That information is reported by universities on NSF Survey of Higher Education Institutions.)

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G) What is the definition of Fiscal Year?

Fiscal Year 2010 is your state's fiscal year ending in 2010.

Fiscal Year 2011 is your state's fiscal year ending in 2011.

For example, if you are on a July - June fiscal year, Fiscal Year 2010 would be your July 1, 2009 to June 30, 2010 fiscal period.

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H) What is the definition of basic research (Question 2)?

It may be helpful to compare the three components of R&D —basic research, applied research and development. Report all three types of research for Questions 1, 3, 4 and 5. Report only basic research for Question 2.

Below are definitions and examples.

Basic Research (Question 2) is conducted primarily to acquire new knowledge. It can be pure basic research without a specific product or process in mind, or it can be oriented basic research to produce a broad base of knowledge for future research.

Applied Research is conducted with a specific practical objective.

Development is the systematic use of the knowledge or understanding gained from research directed toward the production of useful materials, devices, systems, or methods, including the design and development of prototypes and processes.

Examples						
Basic research Applied research Development						
You are studying the properties of blood to determine what affects coagulation.	You are conducting research on how a new chicken pox vaccine affects blood coagulation.	You are testing a newly developed chicken pox vaccine with various ages of school children before implementing it statewide.				
You are studying the properties of molecules under various heat and cold conditions.		You are testing a newly developed pavement under various types of heat and cold conditions prior to using it on your state's highways.				
You are studying the heart chambers of various fish species.	substance to determine the maximum safe level	You are designing a new system for monitoring a stream that will try out the results of your recent research in a real world situation.				

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I) What is the definition of "construction and acquisition of facilities" (Question 5)?

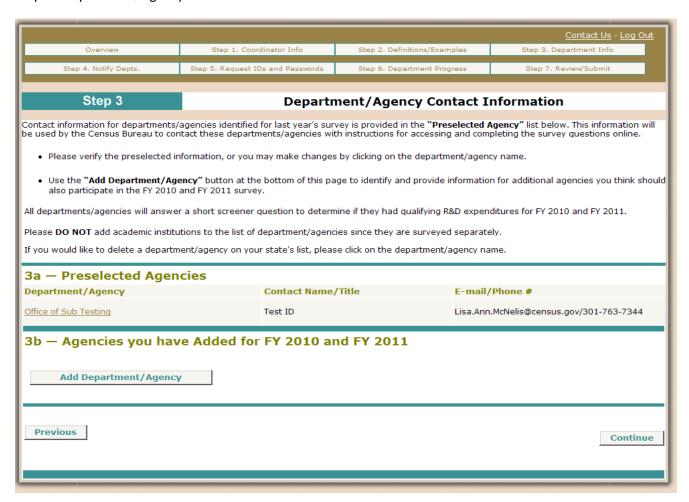
Construction and Acquisition of Facilities Used Primarily for R&D includes major costs for construction and purchase of buildings to be primarily used as R&D facilities. Include new construction, major renovations, and purchase of land or buildings.

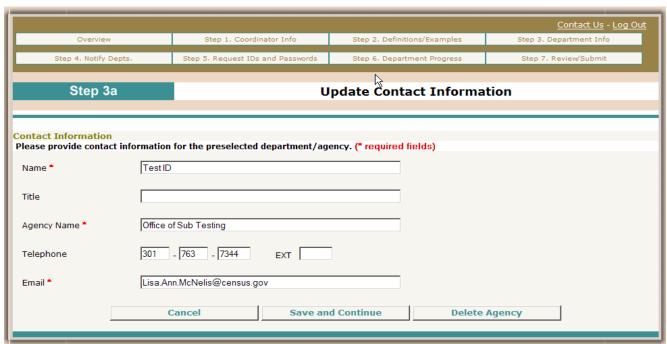
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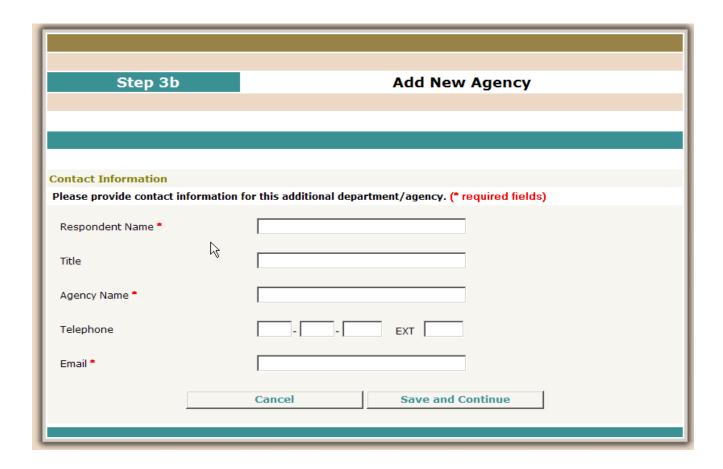
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Continue

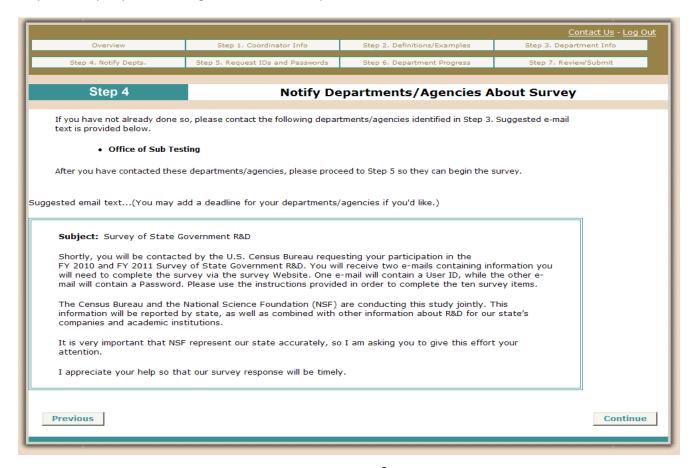
Step 3. Department/Agency Contact Information.







Step 4. Notify Departments/Agencies About Survey.



Step 5. Request IDs and Passwords.



Step 6. Department Progress.



Step 7. Review/Submit Final State Data.

Oi	Steed Constitution	of a	2. Definitions/Examples	Contact Us
Overview	Step 1. Coordinator Ir			Step 3. Department Inf
Step 4. Notify Depts.	Step 5. Request IDs and Pa	sswords Step	6. Department Progress	Step 7. Review/Submi
Step 7		Review/9	Submit Final St	ate Data
v is a comparison of your surv	ey responses from FY 2009 to	the responses curr	ently entered for FY 20	10 and FY 2011.
rise data, please contact the	individual departments/agenc	ies and have them o	ontact the Census Bur	eau to reopen their survey.
that data changes cannot be	e made on this screen].			
"Submit Final Data" to submit	your state's data to the Cens	us Bureau.		
ew your FY 2009, FY 2010, an	d FY 2011 individual agency re	sponses, click <u>here.</u>		
uestion 1				
&D Expenditures by Pe	erformer and			
ource	aromer and	FY 2009	FY 2010	FY 2011
Internal Performers - Depart	ment/Agency			
State Funds		\$ 1	\$ 3	\$ 6
Federal Funds		\$ 0	\$ 9	\$ 12
Other Funds		\$ 1	\$ 15	\$ 18
External Performer - Academ	ic Institutions		4	4.04
All Funds		\$ 1	\$ 21	\$ 24
External Performer - Compar	nies and Individuals			
All Funds		\$ 1	\$ 27	\$ 30
• All Funds		\$ 1	\$ 33	\$ 36
tal R&D Expenditures		\$ 5	\$ 108	\$ 126
uestion 2 (subset of Que	stion 1 "Total")			
sic Research Expenditures		\$ 15	\$ 39	\$ 70
uestion 3 (subset of Que	stion 1 "Total")			
D Expenditures from Feder		\$ 2	\$ 41	\$ 49
Jestion 4 (breakout of Qu	lestion 1 "Total")			
D Expenditures by type of				
Agriculture		\$ 0	\$ 29	\$ 31
• Energy (New category)		\$ 0	\$ 33	\$ 35
Environment		\$ 0	\$ 10	\$ 18
Health		\$ 0	\$ 0	\$ O
Transportation		\$ 0	\$ 0	\$ 0
• Other		\$ 0	\$ 0	\$ 0
uestien E				
uestion 5 (not included in penditures for Construction		\$ 0	\$ 94	\$ 8
cilities used Primarily for R		7 -	-	
	Previous S	ubmit Final Data	Print or Save	

Current Year/Prior Year Comparison Summary for State:

		Contact Us -				
Overview	Step 1. Coordinator Info	Step 2. Definitions/Examples	Step 3. Department Info			
Step 4. Notify Depts. Ste	p 5. Request IDs and Passwords	Step 6. Department Progress	Step 7. Review	Submit		
Current Year/Prior Year Comparison Summary for State Unknown Telow is a comparison of your state's agency detail for FY 2009 to the responses currently entered for FY 2010 and FY 2011.						
Question 1: Total R&D Expenditure		FY 2009	FY 2010	FY 2011		
Office of Sub Testing		\$ 5	\$ 36	\$ 42		
Question 2: Basic Researc	1	FY 2009	FY 2010	FY 2011		
Office of Sub Testing		\$ 15	\$ 13	\$ 14		
Question 3: Federal R&D fo	ınds	FY 2009	FY 2010	FY 2011		
Office of Sub Testing		\$ 2	\$ 0	\$ 0		
Question 4: R&D Expendito type of research	ıres by	FY 2009	FY 2010	FY 2011		
Office of Sub Testing - Total		\$ 6	\$ 0	\$ 0		
Transportation		\$ 6	\$ 0	\$ 0		
Question 5: Construction R	&D	FY 2009	FY 2010	FY 2011		
Office of Sub Testing		\$ 0	\$ 0	\$ 0		
	Retu	rn to Survey				
		-				