

Question 1. How much of your total expenditures for separately budgeted research and development (R&D) came from the following sources in FY 2010? (See definition of R&D on the previous page.)

- In rows a, b, c, d, and f: Include both **direct** and **recovered indirect costs** (reimbursement of Facilities and Administrative (F&A) costs from external sponsors).
- Report the **original source** of funds, when possible.
- Include **all** fields of R&D: sciences, engineering, humanities, education, law, arts, etc. See full listing in Question 9.

Source of funds	R&D expenditures (Dollars in thousands) (for example, report \$25,342 as \$25)
a. U.S. federal government Any agency of the United States government. Include federal funds passed through from another institution.	\$ <u>1,774</u>
b. State and local government Any state, county, municipality, or other local government entity in the United States, including state health agencies. Include state funds that support R&D at agricultural and other experiment stations. <i>Public institutions</i> should report state appropriations restricted for R&D activities here rather than in Institutional funds.	\$ <u>86</u>
c. Business Domestic or foreign for-profit organizations. (Report funds from a company's nonprofit foundation in row d.)	\$ <u></u>
d. Nonprofit organizations Domestic or foreign nonprofit foundations and organizations.	\$ <u>14</u>
e. Institutional funds	
1. Institutionally financed organized research Include expenditures of university funds from unrestricted sources that are separately-budgeted for organized research.	\$ <u></u> (Confidential ¹)
2. Cost sharing Include committed cost sharing other than unrecovered indirect costs. Report unrecovered indirect costs in row e3.	\$ <u></u> (Confidential ¹)
3. Unrecovered indirect costs You may calculate this amount as follows for your externally funded R&D (preferably on a project-specific basis) using the appropriate cost rate—on-campus, off-campus, etc. • First, multiply the <u>negotiated</u> rate by the corresponding base. • Second, subtract recovered indirect costs.	\$ <u></u> (Confidential ¹)
4. Total institutional funds ²	\$ <u>0</u>
f. All other sources Other sources not reported above, such as funds from foreign governments.	\$ <u>0</u>
g. Total ²	\$ <u>1,874</u>

¹ Information from confidential items is not published or released for individual institutions; only aggregate totals will appear in publications. In accordance with the National Science Foundation Act of 1950, as amended, and other applicable federal laws, your responses will not be disclosed in identifiable form to anyone other than agency employees or authorized persons.

² Totals for rows e4 and g are automatically generated on the web survey.

Comments: (500 characters maximum)

Question 2. How much of the total R&D expenditures reported in Question 1 came from foreign sources?

- Include foreign governments, businesses, universities, nonprofit organizations, and any other entity sending funds to the U.S. from a location outside the U.S. and its territories.
- Projects sponsored by a U.S. location of a foreign company are **not** considered foreign.
- Include international governmental organizations located in the U.S., such as the United Nations, the World Bank, and the International Monetary Fund.

Total R&D expenditures from foreign sources

**R&D expenditures
(Dollars in thousands)**

\$

Comments: (500 characters maximum)

Question 3. Of the total R&D expenditures that were externally funded (all sources other than the institutional funds reported in Question 1, row e4), how much was received under each of the following types of agreements?

	R&D expenditures (Dollars in thousands)
a. Contracts (including direct or prime contracts and subcontracts) Contracts are legal commitments in which a good or service is provided by your institution that benefits the sponsor. The sponsor specifies the deliverables and gains the rights to results.	\$ <u>244</u>
b. Grants, reimbursements, and all other agreements Include all other agreements in which payments are received but no good or service other than periodic reporting is required in exchange.	\$ <u>1,630</u>
c. Total ¹ (Total should match Question 1, row g minus Question 1, row e4)	\$ <u>1,874</u>

¹ The column total is automatically generated on the web survey.

Comments: (500 characters maximum)

Question 4. Of the total R&D expenditures reported in Question 1, row g, how much was expended for R&D projects in your medical school?

Include projects that are assigned to the medical school or to research centers that are organizationally part of the medical school.

If your institution does **not** have a medical school (that is, a school that awards the M.D. or D.O. degree), select X here and go to Question 5.

Total R&D expenditures in the university's medical school

**R&D expenditures
(Dollars in thousands)**

\$

Comments: (500 characters maximum)

Question 5. Of the total R&D expenditures reported in Question 1, row g, how much was expended for Phase I, Phase II, and Phase III clinical trials with human patients?

Clinical trials are research studies designed to answer specific questions about the effects of drugs, vaccines, medical devices, tests, treatments, and other therapies for patients. Clinical trials are used to determine safety and effectiveness.

For reference, the National Institutes of Health (NIH) categorizes human clinical trials into the following four phases.

Please **include**:

- Phase I uses a small group of human patients (20–80) to evaluate safety and identify side effects.
- Phase II uses larger group (100–300) to test effectiveness and further evaluate safety.
- Phase III uses a large group (1,000–3,000) to confirm effectiveness, monitor side effects, compare to commonly used treatments, and collect safety information.

Please **exclude**:

- Phase IV is a post-market study that collects more information on risks, benefits, and optimal use.

If your institution did **not** conduct any clinical trials in FY 2010, select X here and go to Question 5.1.

	R&D expenditures (Dollars in thousands)		
	(1)	(2)	(3)
	Federal	Nonfederal	Total ¹
Human clinical trials			
Trials with human patients	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0

¹ The row total is automatically generated on the web survey.

Question 5.1. Did you include R&D expenditures for clinical trials in your FY 2009 (previous year's) survey response?

	(1) Included	(2) Not included	(3) No FY 2009 trials
(Select X in one box for each row.)			
a. Federally funded	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Nonfederally funded	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments: (500 characters maximum)

Question 6. What amounts of your FY 2010 R&D expenditures were for basic research, applied research, and development?

If possible, these categories defining the character of work should be coded at the individual project level by the principal investigator. Estimates are acceptable if necessary.

See the box below this question for examples.

	R&D expenditures (Dollars in thousands)		
	(1) Federal	(2) Nonfederal	(3) Total ¹
a. Basic research Research undertaken primarily to acquire new knowledge without any particular application or use in mind.	\$ 1,471	\$ 14	\$ 1,485
b. Applied research Research conducted to gain the knowledge or understanding to meet a specific, recognized need.	\$ 54	\$ 80	\$ 134
c. Development 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.	\$ 249	\$ 6	\$ 255
d. Total ¹ Column 1 total should match Question 1, row a Column 3 total should match Question 1, row g	\$ 1,774	\$ 100	\$ 1,874

¹ Row and column totals are automatically generated on the web survey.

Comments: (500 characters maximum)

Examples

Basic research	Applied research	Development
A researcher is studying the properties of human blood to determine what affects coagulation.	A researcher is conducting research on how a new chicken pox vaccine affects blood coagulation.	A researcher is conducting clinical trials to test a newly developed chicken pox vaccine for young children.
A research is studying the properties of molecules under various heat and cold conditions.	A researcher is investigating the properties of particular substances under various heat and cold conditions with the objective of finding longer-lasting components for highway pavement.	A researcher is working with state transportation officials to conduct tests of a newly developed highway pavement under various types of heat and cold conditions.
A researcher is studying the heart chambers of various fish species.	A researcher is examining various levels of a toxic substance to determine the maximum safe level for fish in a stream.	A researcher has a contract with the U.S. government to design a new stream monitoring system that will incorporate the latest research findings on toxicity levels for fish.

Question 7. How much of your R&D expenditures reported in Question 1 did your institution receive as a subrecipient?

The **subrecipient** for an award carries out the work but receives the funds from a pass-through entity rather than directly from the original funding source. See OMB Circular A-133, Section 105 for the federal definition. Subrecipients tend to be the co-authors of publications, writers of technical reports discussing findings, inventors, etc. Do **not** include vendor relationships. A vendor receives payment for goods and services provided. See OMB Circular A-133, Section 210.

Source of funds	R&D expenditures (Dollars in thousands)		(3) Total ¹
	(1) Federal	(2) Nonfederal	
a. From higher education institutions Colleges and universities and units owned, operated, and controlled by such institutions.	\$ 244	\$	\$ 244
b. From other sources	\$ 0	\$	\$ 0
c. Total ¹	\$ 244	\$ 0	\$ 244

¹ Row and column totals are automatically generated on the web survey.

Comments: (500 characters maximum)

Question 8. How much of your R&D expenditures reported in Question 1 were passed through by your institution to subrecipients?

Do **not** include vendor relationships. A vendor receives payment for goods and services provided. See OMB Circular A-133, Section 210.

Type of subrecipient	R&D expenditures (Dollars in thousands)		(3) Total ¹
	(1) Federal	(2) Nonfederal	
a. To higher education institutions Colleges and universities and units owned, operated, and controlled by such institutions.	\$ 50	\$ 5	\$ 55
b. To other organizations	\$	\$	\$ 0
c. Total ¹	\$ 50	\$ 5	\$ 55

¹ Row and column totals are automatically generated on the web survey.

Comments: (500 characters maximum)

Question 9A. What were your FY 2010 R&D expenditures in engineering funded by the federal agency sources below? (R&D expenditures from nonfederal sources will be reported in Question 12.)

- Question 9 total (page 14, row K, column h) should match Question 1, row a.
- Please see "Help/Other resources" on survey website for a list of the sub-agencies belonging to each agency shown below.
- If an individual project involves more than one of the 36 fields of R&D, please prorate expenditures when possible and report the amount for each field involved.
- For subrecipient funding, report the agency that sponsored the original award.

If you have no expenditures to report for this screen, select X here and go to the next screen.

R&D Fields (Examples listed below)	R&D expenditures from federal sources ¹ (Dollars in thousands)							Total ²
	(a) USDA	(b) DoD	(c) Energy	(d) HHS, includes NIH	(e) NASA	(f) NSF	(g) Other	
A. ENGINEERING								
1. Aeronautical/ Astronautical	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
2. Bioengineering/ Biomedical eng.	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
3. Chemical	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
4. Civil	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
5. Electrical	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
6. Mechanical	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
7. Metallurgical/ Materials	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
8. Other engineering	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 118	\$ _____	\$ _____ 118
9. TOTAL ²	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 118	\$ 0	\$ 118

¹ KEY: USDA, Department of Agriculture; DoD, Department of Defense; Energy, Department of Energy; HHS, Department of Health and Human Services; NASA, National Aeronautics and Space Administration; NIH, National Institutes of Health; NSF, National Science Foundation. "Other" includes all other federal agencies.

² Row and column totals are automatically generated on the web survey.

Comments: (500 characters maximum)

Examples of Disciplines: Engineering Fields of R&D

A. ENGINEERING			
1. Aeronautical/Astronautical Aerodynamics Aerospace engineering Space technology	4. Civil Architectural Architecture Environmental Environmental health Geotechnical Hydraulic Hydrologic Sanitary Structural Transportation	5. Electrical Communications Computer Electronics Power	8. Other engineering Agricultural Engineering Design Engineering physics Engineering science Marine Naval architecture Nuclear Ocean Systems Other engineering fields that cannot be classified using the fields listed above
2. Bioengineering/Biomedical engineering Biomaterials Medical engineering		6. Mechanical Engineering mechanics	
3. Chemical Petroleum Petroleum refining process Plastics Polymer Wood science		7. Metallurgical/Materials Ceramic Materials science Metallurgy Mining and mineral Textile Welding	

Question 9B. What were your FY 2010 R&D expenditures in the physical sciences funded by the federal agency sources below? (R&D expenditures from nonfederal sources will be reported in Question 12.)

If you have no expenditures to report for this screen, select X here and go to the next screen.

R&D Fields (Examples listed below)	R&D expenditures from federal sources ¹ (Dollars in thousands)							Total ²
	(a) USDA	(b) DoD	(c) Energy	(d) HHS, includes NIH	(e) NASA	(f) NSF	(g) Other	
B. PHYSICAL SCIENCES								
1. Astronomy	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
2. Chemistry	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0	\$ 0
3. Physics	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
4. Other physical sciences	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
5. TOTAL ²	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

¹ **KEY:** USDA, Department of Agriculture; DoD, Department of Defense; Energy, Department of Energy; HHS, Department of Health and Human Services; NASA, National Aeronautics and Space Administration; NIH, National Institutes of Health; NSF, National Science Foundation. "Other" includes all other federal agencies.

² Row and column totals are automatically generated on the web survey.

Comments: (500 characters maximum)

Examples of Disciplines: Physical Sciences Fields of R&D

B. PHYSICAL SCIENCES

1. Astronomy

Astrophysics
Gamma-ray astronomy
Neutrino astronomy
Optical astronomy
Radio astronomy
X-ray astronomy

2. Chemistry

(except biochemistry—report in Biological sciences)
Analytical chemistry
Inorganic chemistry
Organic chemistry
Organo-metallic chemistry
Pharmaceutical chemistry
Physical chemistry
Polymer sciences

3. Physics

Acoustics
Atomic physics
Chemical physics
Condensed matter physics
Elementary particle physics
Mathematical physics
Molecular physics
Nuclear structure
Optics
Plasma physics
Theoretical physics

4. Other physical sciences

Other physical sciences that cannot be classified using the fields listed above

Question 9C-E. What were your FY 2010 R&D expenditures in the environmental, mathematical, and computer sciences funded by the federal agency sources below? (R&D expenditures from nonfederal sources will be reported in Question 12.)

If you have no expenditures to report for this screen, select X here and go to the next screen.

R&D expenditures from federal sources ¹
(Dollars in thousands)

R&D Fields (Examples listed below)	(a) USDA	(b) DoD	(c) Energy	(d) HHS, includes NIH	(e) NASA	(f) NSF	(g) Other	(h) Total ²
C. ENVIRONMENTAL SCIENCES								
1. Atmospheric sciences	\$	\$	\$	\$	\$	\$	\$	\$ 0
2. Earth sciences	\$	\$	\$ 191	\$	\$	\$	\$ 26	\$ 217
3. Oceanography	\$	\$	\$	\$	\$	\$ 408	\$ 455	\$ 863
4. Other environmental sciences	\$	\$	\$	\$	\$	\$	\$	\$ 0
5. TOTAL ²	\$ 0	\$ 0	\$ 191	\$ 0	\$ 0	\$ 408	\$ 481	\$ 1,080
D. MATHEMATICAL SCIENCES	\$	\$	\$	\$	\$	\$	\$ 223	\$ 223
E. COMPUTER SCIENCES	\$	\$	\$	\$	\$	\$	\$	\$ 0

¹ KEY: USDA, Department of Agriculture; DoD, Department of Defense; Energy, Department of Energy; HHS, Department of Health and Human Services; NASA, National Aeronautics and Space Administration; NIH, National Institutes of Health; NSF, National Science Foundation. "Other" includes all other federal agencies.

² Row and column totals are automatically generated on the web survey.

Comments: (500 characters maximum)

Examples of Disciplines: Environmental Sciences, Mathematical Sciences, and Computer Science Fields of R&D

<p>C. ENVIRONMENTAL SCIENCES</p> <p>1. Atmospheric sciences Aeronomy Extraterrestrial atmospheres Meteorology Solar Weather modification</p>	<p>C. ENVIRONMENTAL SCIENCES (continued)</p> <p>2. Earth Sciences Cartography Earth and planetary sciences Geochemistry Geodesy and gravity Geology Geomagnetism Geophysics Hydrology Paleomagnetism Paleontology Physical geography Seismology Surveying</p>	<p>C. ENVIRONMENTAL SCIENCES (continued)</p> <p>3. Oceanography Biological oceanography Chemical oceanography Geological oceanography Marine biology Marine oceanography Physical oceanography</p> <p>4. Other environmental sciences Other environmental sciences that cannot be classified using the fields listed above</p>	<p>D. MATHEMATICAL SCIENCES Algebra Analysis Applied mathematics Foundations and logic Geometry Numerical analysis Operations research Statistics Topology</p> <p>E. COMPUTER SCIENCES Computer systems analysis Data processing Information sciences Information technology Management information systems</p>
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Question 9F. What were your FY 2010 R&D expenditures in the life sciences funded by the federal agency sources below? (R&D expenditures from nonfederal sources will be reported in Question 12.)

If you have no expenditures to report for this screen, select X here and go to the next screen.

R&D Fields (Examples listed below)	R&D expenditures from federal sources ¹ (Dollars in thousands)							Total ²
	(a) USDA	(b) DoD	(c) Energy	(d) HHS, includes NIH	(e) NASA	(f) NSF	(g) Other	
F. LIFE SCIENCES								
1. Agricultural sciences	\$	\$	\$	\$	\$	\$	\$	\$ 0
2. Biological sciences	\$	\$	\$	\$ 14	\$	\$	\$ 14	\$ 28
3. Medical sciences	\$	\$	\$	\$ 325	\$	\$	\$	\$ 325
4. Other life sciences	\$	\$	\$	\$	\$	\$	\$	\$ 0
5. TOTAL ²	\$ 0	\$ 0	\$ 0	\$ 339	\$ 0	\$ 0	\$ 14	\$ 353

¹ KEY: USDA, Department of Agriculture; DoD, Department of Defense; Energy, Department of Energy; HHS, Department of Health and Human Services; NASA, National Aeronautics and Space Administration; NIH, National Institutes of Health; NSF, National Science Foundation. "Other" includes all other federal agencies.

² Row and column totals are automatically generated on the web survey.

Comments: (500 characters maximum)

Examples of Disciplines: Life Sciences Fields of R&D

F. LIFE SCIENCES			
1. Agricultural sciences Agricultural chemistry Agricultural economics—report in Social sciences, Economics Agricultural engineering—report in Engineering Agricultural production Agronomy Animal science Aquaculture Conservation Fish and wildlife Forestry Horticulture International agriculture Landscape architecture Plant sciences Renewable natural resources Soil sciences	2. Biological sciences (continued) Botany Cellular Biology Ecology Entomology Epidemiology Foods and nutrition studies Genetics, plant and animal Immunology Medical microbiology Microbiology Molecular biology Nutritional sciences Parasitology Pathology, human and animal Pharmacology, human and animal Physical anthropology Physiology, human and animal Toxicology Virology Zoology	3. Medical Sciences (continued) Dermatology Family medicine Gastroenterology General surgery Geriatric medicine Gynecology Hematology Internal medicine Mental health Neonatal-perinatal medicine Neurological surgery Neurology Neurosciences Nuclear medicine Nuclear radiology Obstetrics Oncology Ophthalmology Optometry Oral surgery Orthopedic surgery Orthopedics Osteopathic medicine Otorhinolaryngology Pediatrics Pharmacology Pharmacy Physical and rehabilitative medicine Plastic surgery Podiatry	3. Medical sciences (continued) Preventive medicine Psychiatric nursing Psychiatry Public health Radiation biology/ Radiobiology Thoracic surgery Urology Veterinary medicine—see note below
2. Biological sciences Allergies and immunology Anatomy Bacteriology Biochemistry Biogeography Biology, general Biometrics Biophysics Biostatistics Biotechnology	3. Medical sciences Anesthesiology Cardiology Colon and rectal surgery Dental surgery Dentistry	4. Other life sciences Clinical/medical laboratory technologies Communication disorders sciences and services Gerontology Health and medical administrative services Health professions and related services, other Nursing Occupational therapy Physical therapy Rehabilitation services Therapeutic services Other life sciences that cannot be classified using the fields listed above	

Note: Please report veterinary R&D expenditures using agricultural sciences, biological sciences, and medical sciences as appropriate.

Question 9G-I. What were your FY 2010 R&D expenditures in psychology, social sciences, and other sciences funded by the federal agency sources below? (R&D expenditures from nonfederal sources will be reported in Question 12.)

If you have no expenditures to report for this screen, select X here and go to the next screen.

R&D Fields (Examples listed below)	R&D expenditures from federal sources ¹ (Dollars in thousands)							Total ²
	(a) USDA	(b) DoD	(c) Energy	(d) HHS, includes NIH	(e) NASA	(f) NSF	(g) Other	
G. PSYCHOLOGY	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
H. SOCIAL SCIENCES								
1. Economics	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
2. Political science	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
3. Sociology	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
4. Other social sciences	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
5. TOTAL ²	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
I. OTHER SCIENCES	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0

² **KEY:** USDA, Department of Agriculture; DoD, Department of Defense; Energy, Department of Energy; HHS, Department of Health and Human Services; NASA, National Aeronautics and Space Administration; NIH, National Institutes of Health; NSF, National Science Foundation. "Other" includes all other federal agencies.

³ Row and column totals are automatically generated on the web survey.

Comments: (500 characters maximum)

Examples of Disciplines: Psychology, Social Sciences, and Other Sciences Fields of R&D

G. PSYCHOLOGY	H. SOCIAL SCIENCES (CONTINUED)	H. SOCIAL SCIENCES (CONTINUED)	I. OTHER SCIENCES
Animal behavior Art therapy Clinical psychology Educational psychology Experimental psychology Human development and personality School psychology Social psychology	2. Political science Comparative government Government International relations and affairs Legal systems Political theory Public administration Public policy analysis Regional studies	4. Other social sciences Archaeology Area and ethnic studies City and community planning Community services Corrections Criminal justice Geography History of science Linguistics Urban affairs Urban and regional planning Urban studies	Use this category for R&D that involves at least one S&E field (rows A to H) if it is impossible to report multidisciplinary or interdisciplinary R&D expenditures in specific fields.
H. SOCIAL SCIENCES 1. Economics Agricultural economics Applied economics Business development Econometrics Industrial economics International economics Labor economics Managerial economics Public finance and fiscal policy Quantitative economics Resource economics	3. Sociology Anthropology (cultural and social) Anthropology, physical-report in Life Sciences, Biological Sciences Comparative and historical sociology Complex organizations Cultural and social structure Demography Group interactions Population studies Social problems and welfare theory		

Question 9J–K. What were your FY 2010 R&D expenditures in the non-science and engineering (non-S&E) fields funded by the federal agency sources below? (Expenditures from nonfederal sources will be reported in Question 12.)

If you have no expenditures to report for this screen, select X here and go to the next screen.

R&D Fields (Examples listed below)	R&D expenditures from federal sources ¹ (Dollars in thousands)							Total ²
	(a) USDA	(b) DoD	(c) Energy	(d) HHS, includes NIH	(e) NASA	(f) NSF	(g) Other	
J. NON-S&E FIELDS								
1. Education	\$	\$	\$	\$	\$	\$	\$	\$ 0
2. Law	\$	\$	\$	\$	\$	\$	\$	\$ 0
3. Humanities	\$	\$	\$	\$	\$	\$	\$	\$ 0
4. Visual and performing arts	\$	\$	\$	\$	\$	\$	\$	\$ 0
5. Business and management	\$	\$	\$	\$	\$	\$	\$	\$ 0
6. Communication, journalism, and library science	\$	\$	\$	\$	\$	\$	\$	\$ 0
7. Social work	\$	\$	\$	\$	\$	\$	\$	\$ 0
8. Other non-S&E fields	\$	\$	\$	\$	\$	\$	\$	\$ 0
9. TOTAL ²	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
K. TOTAL FOR ALL FIELDS OF R&D ²	\$ 0	\$ 0	\$ 191	\$ 339	\$ 0	\$ 526	\$ 718	\$ 1,774

Total for row K, column h should equal Total for Question 1, row a.

¹ KEY: USDA, Department of Agriculture; DoD, Department of Defense; Energy, Department of Energy; HHS, Department of Health and Human Services; NASA, National Aeronautics and Space Administration; NIH, National Institutes of Health; NSF, National Science Foundation. "Other" includes all other federal agencies.

² Row and column totals are automatically generated on the web survey

Comments: (500 characters maximum)

Examples of Disciplines: Non-Science & Engineering (Non-S&E) Fields of R&D

Examples of Disciplines: Non-Science & Engineering (Non-S&E) Fields of R&D			
<p>J. NON-S&E FIELDS</p> <p>1. Education (no specific examples)</p> <p>2. Law Legal studies</p> <p>3. Humanities English language and literature Foreign languages and literature History (except history of science—report in Other social sciences) Letters</p>	<p>3. Humanities (CONTINUED) Liberal arts and sciences Philosophy and religion Theological studies and religious vocations</p> <p>4. Visual and performing arts (no specific examples)</p> <p>5. Business and management Business management and administrative services Marketing distribution Marketing operations</p>	<p>6. Communication, journalism, and library science Communication Communication technologies Library Science</p> <p>7. Social work (no specific examples)</p>	<p>8. Other non-S&E fields Military technologies Parks, recreation, leisure and fitness studies Other non S&E fields that cannot be classified using the fields listed above</p> <p>Also, use this category for R&D that involves multiple non-S&E fields if it is impossible to report multidisciplinary or interdisciplinary R&D expenditures in specific fields</p>

Question 10. Of the amount reported for Other federal sources reported in Question 9 (row K, column g), which agencies funded this R&D and how much of the reported amount was from each agency?

If your institution reported \$0 in Question 9, row K, column g, type X here and go to Question 11.

- Use rows a–j to list up to 10 agencies that funded the targets R&D expenditures.
- Use row k to report any remaining amount.
- For subrecipient funding in this question, list the sponsor of the original award.
- Please see "Help/Other resources" on survey website for a list of federal agencies and their sub-agencies.

Federal agencies (list up to 10)

**R&D expenditures
(Dollars in thousands)**

a.	United Negro College Fund Special Programs	\$	40
b.	National Oceanic and Atmospheric Administration (NOAA)	\$	455
c.	Department of Education	\$	223
d.		\$	
e.		\$	
f.		\$	
g.		\$	
h.		\$	
i.		\$	
j.		\$	
k.	Other agencies included in Question 9, column g, but not listed above	\$	
l.	Total (should match Question 9, row K, column g.)¹	\$	718

¹ The column total is automatically generated on the web survey.

Comments: (500 characters maximum)

Question 11. How much of the federal R&D expenditures reported in Question 1, row a, was funded by the American Recovery and Reinvestment Act (ARRA)?

**Total R&D expenditures
from ARRA funds**

**R&D expenditures
(Dollars in thousands)**

\$

Comments: (500 characters maximum)

Question 12A-B. What were your FY 2010 R&D expenditures in the engineering and physical sciences fields funded by the nonfederal sources below?

- The totals in row K, page 18, should match corresponding sources in Question 1, rows b-f.
- If an individual project involves more than one of the 36 fields of R&D, please prorate expenditures when possible and report the amount for each field involved.

If you have no expenditures to report for this screen, select X here and go to the next screen.

R&D expenditures from nonfederal sources
(Dollars in thousands)

R&D Fields (See Question 9, pp. 9-10)	(a)	(b)	(c)	(d)	(e)	(f)
	State and local government	Business	Nonprofit organizations	Institutional funds	Other nonfederal sources	TOTAL ¹
A. ENGINEERING						
1. Aeronautical/ Astronautical	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
2. Bioengineering/ Biomedical eng.	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
3. Chemical	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
4. Civil	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
5. Electrical	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
6. Mechanical	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
7. Metallurgical/Materials	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
8. Other engineering	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
9. TOTAL ¹	\$ _____ 0	\$ _____ 0	\$ _____ 0	\$ _____ 0	\$ _____ 0	\$ _____ 0
B. PHYSICAL SCIENCES						
1. Astronomy	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
2. Chemistry	\$ _____	\$ _____	\$ _____ 5	\$ _____	\$ _____	\$ _____ 5
3. Physics	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
4. Other physical sciences	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
5. TOTAL ¹	\$ _____ 0	\$ _____ 0	\$ _____ 5	\$ _____ 0	\$ _____ 0	\$ _____ 5

¹ Row and column totals are automatically generated on the web survey.

Comments: (500 characters maximum)

Examples of disciplines for the above fields of R&D are listed on pages 9-10.

Question 12C-I. What were your FY 2010 R&D expenditures in the R&D fields listed below fund by the nonfederal sources below?

If you have no expenditures to report for this screen, select X here and go to the next screen.

R&D expenditures from nonfederal sources
(Dollars in thousands)

R&D Fields (See Question 9, pp. 11-13)	(a) State and local government	(b) Business	(c) Nonprofit organizations	(d) Institutional funds	(e) Other nonfederal sources	(f) TOTAL ¹
C. ENVIRONMENTAL SCIENCES						
1. Atmospheric sciences	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
2. Earth sciences	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
3. Oceanography	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
4. Other environmental sciences	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
5. TOTAL ¹	\$ _____ 0	\$ _____ 0	\$ _____ 0	\$ _____ 0	\$ _____ 0	\$ _____ 0
D. MATHEMATICAL SCIENCES						
	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
E. COMPUTER SCIENCES						
	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
F. LIFE SCIENCES						
1. Agricultural sciences	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
2. Biological sciences	\$ _____ 86	\$ _____	\$ _____ 9	\$ _____	\$ _____	\$ _____ 95
3. Medical sciences	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
4. Other life sciences	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
5. TOTAL ¹	\$ _____ 86	\$ _____ 0	\$ _____ 9	\$ _____ 0	\$ _____ 0	\$ _____ 95
G. PSYCHOLOGY						
	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
H. SOCIAL SCIENCES						
1. Economics	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
2. Political science	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
3. Sociology	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
4. Other social sciences	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0
5. TOTAL ¹	\$ _____ 0	\$ _____ 0	\$ _____ 0	\$ _____ 0	\$ _____ 0	\$ _____ 0
I. OTHER SCIENCES						
	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____ 0

¹ Row and column totals are automatically generated on the web survey.

Comments: (500 characters maximum)

Question 12J-K. What were your FY 2010 R&D expenditures in the non-science and engineering (non-S&E) fields funded by the nonfederal sources below?

If you have no expenditures to report for this screen, select X here and go to the next screen.

R&D expenditures from nonfederal sources
(Dollars in thousands)

R&D Fields (See Question 9, p. 14)	(a) State and local government	(b) Business	(c) Nonprofit organizations	(d) Institutional funds	(e) Other nonfederal sources	(f) TOTAL ¹
J. NON-S&E FIELDS						
1. Education	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text" value="0"/>
2. Law	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text" value="0"/>
3. Humanities	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text" value="0"/>
4. Visual and performing arts	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text" value="0"/>
5. Business and management	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text" value="0"/>
6. Communication, journalism, and library science	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text" value="0"/>
7. Social work	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text" value="0"/>
8. Other non-S&E fields	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text" value="0"/>
9. TOTAL ¹	\$ <input type="text" value="0"/>	\$ <input type="text" value="0"/>	\$ <input type="text" value="0"/>	\$ <input type="text" value="0"/>	\$ <input type="text" value="0"/>	\$ <input type="text" value="0"/>
K. TOTAL FOR ALL FIELDS OF R&D ¹	\$ <input type="text" value="86"/>	\$ <input type="text" value="0"/>	\$ <input type="text" value="14"/>	\$ <input type="text" value="0"/>	\$ <input type="text" value="0"/>	\$ <input type="text" value="100"/>

Totals in row K, columns a-e, should match corresponding sources in Question 1, rows b-f.

¹ Row and column totals are automatically generated on the web survey.

Comments: (500 characters maximum)

Examples of disciplines for non-S&E fields of R&D are listed on page 14.

Question 13. Of the total amount of R&D expenditures reported in Question 1, row g, what were the amounts for the following types of costs?

Please report only **direct costs** (including cost sharing) in rows a to e.
Recovered and unrecovered **indirect costs** should be reported in rows f and g.

	R&D expenditures (Dollars in thousands)
DIRECT COSTS FROM ALL SOURCES	
a. Salaries, wages, and fringe benefits	
Include compensation for all R&D personnel whether full-time or part-time, temporary or permanent. Include salaries, wages, and fringe benefits paid from your institution's funds and from external support.	\$ <u>731</u>
b. Software purchases	
All payments for software. Include both purchases of software packages and license fees for systems.	
1. Noncapitalized software	\$ <u>9</u>
2. Capitalized software (if you are unable to distinguish capitalized software from capitalized equipment, report both in row c.)	\$ <u>0</u>
c. Capitalized equipment	
Payments for movable equipment exceeding your institution's capitalization threshold. Include ancillary costs such as delivery and set-up.	\$ <u>103</u>
d. Pass-throughs to other universities or organizations (should match the total in Question 8, row c, column 3)	\$ <u>55</u>
e. Other direct costs	
Other costs that do not fit into one of the above categories, including (but not limited to) travel, tuition waivers, services such as consulting, computer usage fees, and supplies.	\$ <u>797</u>
INDIRECT COSTS	
f. Recovered indirect costs	\$ <u>179</u>
Reimbursement of Facilities and Administrative (F&A) costs from external sponsors.	(Confidential ¹)
g. Unrecovered indirect costs (should equal Question 1, row e3)	\$ <u>0</u> (Confidential ¹)
h. Total ² (should match total from Question 1, row g)	\$ <u>1,874</u>

¹ Information from confidential items is not published or released for individual institutions; only aggregate totals will appear in publications. In accordance with the National Science Foundation Act of 1950, as amended, and other applicable federal laws, your responses will not be disclosed in identifiable form to anyone other than agency employees or authorized persons.

² The column total is automatically generated on the web survey.

Comments: (500 characters maximum)

Question 14. At the end of FY 2010, what were your institution's dollar capitalization thresholds (in thousands) for software and equipment?

	Dollars in thousands	
	(1) Software	(2) Equipment
Capitalization thresholds	\$ 1,000.0	\$ 5.0

Comments: (500 characters maximum)

Question 15A–C. For the R&D fields below, what portion of your FY 2010 R&D expenditures went for the purchase of capitalized R&D equipment?

The total for Question 15 entered on row K, column c, should match Question 13, row c (capitalized equipment other than software).

If you have no expenditures to report for this screen, select X here and go to the next screen.

R&D Fields (See Question 9, pp. 9–11)	R&D equipment expenditures (Dollars in thousands)		
	(a)	(b)	(c)
	Federal	Nonfederal	Total ¹
A. ENGINEERING			
1. Aeronautical/Astronautical	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
2. Bioengineering/Biomedical engineering	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
3. Chemical	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
4. Civil	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
5. Electrical	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
6. Mechanical	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
7. Metallurgical/Materials	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
8. Other engineering	\$ <input type="text"/> 2	\$ <input type="text"/>	\$ <input type="text"/> 2
9. TOTAL ¹	\$ <input type="text"/> 2	\$ <input type="text"/> 0	\$ <input type="text"/> 2
B. PHYSICAL SCIENCES			
1. Astronomy	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
2. Chemistry	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
3. Physics	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
4. Other physical sciences	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
5. TOTAL ¹	\$ <input type="text"/> 0	\$ <input type="text"/> 0	\$ <input type="text"/> 0
C. ENVIRONMENTAL SCIENCES			
1. Atmospheric sciences	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
2. Earth sciences	\$ <input type="text"/> 2	\$ <input type="text"/>	\$ <input type="text"/> 2
3. Oceanography	\$ <input type="text"/> 7	\$ <input type="text"/>	\$ <input type="text"/> 7
4. Other environmental sciences	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
5. TOTAL ¹	\$ <input type="text"/> 9	\$ <input type="text"/> 0	\$ <input type="text"/> 9

¹ Row and column totals are automatically generated on the web survey.

Comments: (500 characters maximum)

Question 15D-I. For the R&D fields listed below, what portion of your FY 2010 R&D expenditures went for the purchase of capitalized R&D equipment?

If you have no expenditures to report for this screen, select X here and go to the next screen.

R&D Fields (See Question 9, pp. 11-13)	R&D equipment expenditures (Dollars in thousands)		
	(a)	(b)	(c)
	Federal	Nonfederal	Total ¹
D. MATHEMATICAL SCIENCES	\$ 14	\$	\$ 14
E. COMPUTER SCIENCES	\$	\$	\$ 0
F. LIFE SCIENCES			
1. Agricultural sciences	\$	\$	\$ 0
2. Biological sciences	\$	\$ 4	\$ 4
3. Medical sciences	\$ 74	\$	\$ 74
4. Other life sciences	\$	\$	\$ 0
5. TOTAL ¹	\$ 74	\$ 4	\$ 78
G. PSYCHOLOGY	\$	\$	\$ 0
H. SOCIAL SCIENCES			
1. Economics	\$	\$	\$ 0
2. Political science	\$	\$	\$ 0
3. Sociology	\$	\$	\$ 0
4. Other social sciences	\$	\$	\$ 0
5. TOTAL ¹	\$ 0	\$ 0	\$ 0
I. OTHER SCIENCES	\$	\$	\$ 0

¹ Row and column totals are automatically generated on the web survey.

Comments: (500 characters maximum)

Examples of disciplines for the above fields of R&D are listed on pages 11-13.

Question 15J-K. For the non-science and engineering (non-S&E) R&D fields below, what portion of your FY 2010 R&D expenditures went for the purchase of capitalized R&D equipment?

If you have no expenditures to report for this screen, select X here and go to the next screen.

R&D Fields (See Question 9, p. 14)	R&D equipment expenditures (Dollars in thousands)		
	(a) Federal	(b) Nonfederal	(c) Total ¹
J. NON-S&E FIELDS			
1. Education	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
2. Law	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
3. Humanities	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
4. Visual and performing arts	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
5. Business and management	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
6. Communication, journalism, and library science	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
7. Social work	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
8. Other non-S&E fields	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/> 0
9. TOTAL ¹	\$ <input type="text"/> 0	\$ <input type="text"/> 0	\$ <input type="text"/> 0
K. TOTAL FOR ALL FIELDS OF R&D	\$ <input type="text"/> 99	\$ <input type="text"/> 4	\$ <input type="text"/> 103

Total for row K, column c, should match Question 13, row c (capitalized equipment).

¹ Row and column totals are automatically generated on the web survey.

Comments: (500 characters maximum)

Examples of disciplines for non-S&E fields of R&D are listed on page 14.

Question 16. How many principal investigators and other personnel (headcount) were paid from the R&D salaries, wages, and fringe benefits you reported in Question 13, row a?

- A **principal investigator (PI)** is designated by your institution to direct the R&D project or program and be responsible for the scientific and technical direction of the project. Co-investigators (co-PIs) may be designated for this role and should also be included in column 1.
- Count each person only once.
- If a person serves as a PI or co-PI on one project and other personnel on another project, count that person as a PI.
- Include all personnel and students paid from R&D accounts regardless of how much they received.

	(1) Principal investigators	(2) All other personnel	(3) Total ¹
Number of people (headcount)	13	27	40

¹ The row total is automatically generated on the web survey.

Comments: (500 characters maximum)

Question 17. Of the headcount reported in Question 16, column 3, how many are categorized as postdocs?

NSF defines postdocs as meeting both of the following qualifications:

1. Holds a recent doctoral degree, generally awarded within the last 5 years
 - PhD or equivalent such as an ScD or DEng *or*
 - First professional degree in a medical or related field (MD, DDS, DO, DVM) *or*
 - Foreign equivalent to a U.S. doctoral degree
2. Has a limited-term appointment, generally no more than 5–7 years
 - Primarily for training in research or scholarship *and*
 - Working under the supervision of a senior scholar in a unit affiliated with *your* institution

Number of postdocs (headcount)

1

Comments: (500 characters maximum)

Question 18.

A. Contact information: Please complete the contact information for the person responsible for the survey and an alternate contact.

	Primary contact	Alternate contact
Name	Ms. <u>Samantha</u> <u>Hutchinson</u>	Mrs. <u>Myisha</u> <u>Clemons</u>
Title	<u>Accountant III</u>	<u>Sr. Accountant</u>
Institution name	<u>Savannah State University</u>	<u>Savannah State University</u>
Building/Department	<u>Comptroller's Office</u>	<u>Comptroller's Office</u>
Street address (line 1)	<u>3219 College Street</u>	<u>3219 College Street</u>
Street address (line 2)	<u>Box 20419</u>	<u>Box 20419</u>
City, state, and zip code	<u>Savannah</u> <u>GA</u> <u>31404</u>	<u>Savannah</u> <u>GA</u> <u>31404</u>
Phone number	<u>912-358-4037</u> extension <u> </u>	<u>912-358-4032</u> extension <u> </u>
Fax number	<u>912-358-4540</u>	<u> </u>
Email address	<u>shutchin@savannahstate.edu</u>	<u> </u>

B. Fiscal year: In what month does your institution's 2010 fiscal year end? June

C. Survey completion time: Considering all offices involved, approximately how long did it take to complete this survey? 24.00 hours

D. Additional comments: