



U.S. DEPARTMENT OF COMMERCE
U.S. CENSUS BUREAU

FORM
ABS-1 (05/20/2021)

2021 ANNUAL BUSINESS SURVEY

DUE DATE:

Need help or have questions?

- **Visit** <https://www.census.gov/abshelp>
- **Call** 1-888-824-9954, between 8 a.m. and 8 p.m., Eastern time, Monday through Friday.

¿Necesita ayuda?

Si usted habla español y necesita ayuda para completar su cuestionario, llame sin cargo alguno al 1-888-824-9954, entre las 8 a.m. y las 8 p.m., hora del Este, de lunes a viernes.

(Please correct any errors in this mailing address.)

YOUR RESPONSE IS REQUIRED BY LAW. Title 13, United States Code, Sections 8(b), 131, and 182; Title 42, United States Code, Section 1861-76 (National Science Foundation Act of 1950, as amended); and Section 505 within the America COMPETES Reauthorization Act of 2010, authorize this collection. Sections 224 and 225 of Title 13 require your response. The U.S. Census Bureau is required by Section 9 of Title 13 to keep your information confidential and use your responses only to produce statistics. The Census Bureau is not permitted to publicly release your responses in a way that could identify your business, organization, or institution. Per the Federal Cybersecurity Enhancement Act of 2015, your data are protected from cybersecurity risks through screening of the systems that transmit data.

COMPLETE THIS SURVEY ONLINE

- Go to: <https://portal.census.gov>

This survey is jointly conducted by the U.S. Census Bureau and the National Center for Science and Engineering Statistics (NCSES) within the National Science Foundation.

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SECTION C: RESEARCH ACTIVITIES AT NONPROFIT ORGANIZATIONS

The following section collects information on your organization and asks about research performed and/or funded by your organization. For the purposes of this survey, your organization is defined as all units included in your Internal Revenue Service (IRS) Form 990 or IRS Form 990-PF filings. Only organizations headquartered in the U.S. are eligible for this section. The reporting period for this section is your organization's fiscal year ending in 2020. *Estimates are acceptable. Report all items to the best of your ability.*

C.1 Organization Affiliation

Is your organization affiliated with or considered part of another for-profit, nonprofit, or higher education organization? For example, a specific hospital foundation, university research entity, etc.

Yes

If "Yes", specify ↴

No

C.2 Total Expenses

What was the consolidated total amount of your organization's expenses for 2020 as (would be) reported on your IRS Form 990s, line 18, or IRS Form 990-PFs, line 26 total expenses and disbursements for column (a) revenue and expenses per books?

Round to the nearest one thousand dollars. If none, report zero.

\$Bil.	Mil.	Thou.	Dol.
			0 0 0

C.3 Number of Employees

For the pay period including March 12, 2020, how many people worked for your organization?

Include:

- Full- and part-time employees.

Number

Exclude:

- Temporary employees and consultants.

C.4 Fiscal Year End

In what month did your organization's Fiscal Year (FY) 2020 end?

MM	YYYY
	2 0 2 0

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The next questions ask about research performed and/or funded by your organization. Please read the information below before continuing.

By research we mean...

For the purposes of this survey, research includes **research and experimental development**.

Research and experimental development comprise creative and systematic work to:

- Increase the stock of knowledge, including knowledge of humankind, culture, and society OR
- Devise new applications of available knowledge, including materials, products, devices, processes, systems, or services

Research activities must be...

- **Novel:** projects that advance current knowledge or create new knowledge
- **Creative:** projects focused on original concepts and hypotheses
- **Uncertain:** project outcomes are unable to be completely determined at the outset
- **Systematic:** projects are planned and budgeted
- **Transferable/Reproducible:** project methodology and results are transferable/reproducible to other situations and locations

May meet the criteria for research

- Laboratory or animal studies
- Clinical trials
- Prototype development
- Outcomes research
- Development/measurement of new methods to deliver/measure social service outcomes
- Policy research
- Humanities research
- Research traineeships
- Other experimental studies

Most likely do not meet the criteria for research

- Internal program monitoring or evaluation
- Public service grants or outreach programs
- Education or training programs
- Quality control testing
- Market research
- Management studies/efficiency surveys
- Literary, artistic, or historical projects, such as films, music, or books and other publications
- Feasibility studies, unless included as part of an overall research project

C.5 Research Performed by Your Organization

Did your organization perform research in FY 2020?

Include:

- Research performed by your organization's employees or contract employees. (Contract employees are individuals contracted to work on projects otherwise fully performed by your organization's staff.)

Exclude:

- Research performed outside your organization by subcontractors or subawardees. (**Report in C.6 Research Performed by Others** on page 4.)

Yes

No

If you would like to add additional detail or clarification to your response, please comment in the space provided below.



C.6 Research Performed by Others

Did your organization fund research performed by others outside your organization in FY 2020?

Include:

- All grants, contracts, subcontracts, and subawards awarded by your organization to external recipients to perform research

Exclude:

- Research performed by contract employees

Yes

No

If you would like to add additional detail or clarification to your response, please comment in the space provided below.

If you reported "No" for 'C.5 Research Performed by Your Organization' AND "No" for 'C.6 Research Performed by Others,' skip to 'C.16 Burden Estimate' on page 9.

If you reported "No" for 'C.5 Research Performed by Your Organization' AND "Yes" for 'C.6 Research Performed by Others,' skip to 'C.15 Funding for Research Performed by Other Organizations' on page 9.

All others continue to 'C.7 Funding for Research Performed by This Organization.'

C.7 Funding for Research Performed by This Organization

In FY 2020, how much was spent on research performed within your organization?

Round to the nearest one thousand dollars. If none, report zero.

Include:

- Direct costs, such as salaries and wages, travel, equipment, supplies, consulting, and other expenditures directly supporting your organization's research projects
- Indirect costs associated with research expenditures, such as general and administrative salaries and wages, fringe benefits, facility costs, depreciation, etc. These should be calculated using your organization's applicable fringe, overhead, and General and Administrative (G&A) or Facilities and Administrative (F&A) rates

Exclude:

- Capital expenditures (i.e., costs for construction or renovation of facilities)
- Payments/funds in excess of the actual cost of the research work performed (e.g., fees)
- Payments made by your organization to subcontractors or subawardees performing research outside your organization

Total

\$Bil.	Mil.	Thou.	Dol.
			0 0 0

If you would like to add additional detail or clarification to your response, please comment in the space provided below.



C.8 Research Funding Sources

How much of the 'C.7 Funding for Research Performed by This Organization' came from each of the following sources?

Round to the nearest one thousand dollars. If none, report zero.

	\$Bil.	Mil.	Thou.	Dol.
a. Federal government: Any agency of the United States government. Include subcontract or subaward funds your organization received for research activities on federal projects				0 0 0
b. State and local government: Any state, county, municipality, or other local government entity in the United States				0 0 0
c. Businesses: Domestic or foreign for-profit organizations. Report funds from a company's nonprofit foundation in Row d				0 0 0
d. Foundations: Domestic or foreign nonprofit grant-making organizations				0 0 0
e. Universities: Domestic or foreign degree-granting institutions				0 0 0
f. All other nonprofits: Domestic or foreign public charities and other nonprofit organizations not reported in Row d or e				0 0 0
g. Internal funds: Your organization's own funds from your endowment, general donations, or other unrestricted sources				0 0 0
h. Individual donors: Gifts designated by the donors for research				0 0 0
i. Other, specify: <input checked="" type="checkbox"/> All other sources not reported above				0 0 0
<input type="text"/>				
Total				0 0 0

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C.9 Field of Research

How much of the 'C.7 Funding for Research Performed by This Organization' was spent in each of the following fields?

Round to the nearest one thousand dollars. If none, report zero.

	\$Bil.	Mil.	Thou.	Dol.
a. Agricultural Sciences and Natural Resources and Conservation: e.g., Agricultural sciences, Animal sciences, Applied horticulture, Fishing and fisheries science, Food science and technology, Forestry, Natural resources and conservation, Plant sciences, or Soil sciences				0 0 0
b. Biological, Biomedical, and Health Sciences: e.g., Biochemistry, biophysics, molecular biology; Biotechnology; Botany; Cell biology; Epidemiology; Genetics; Medicine; Neuroscience; Public health; Veterinary medicine; or Zoology				0 0 0
c. Engineering: e.g., Aerospace, aeronautical, and astronomical engineering; Bioengineering and biomedical engineering; Chemical engineering; Civil engineering; Electrical, electronic, and communications engineering; Industrial and manufacturing engineering; Mechanical engineering; or Metallurgical and materials engineering.				0 0 0
d. Geosciences, Atmospheric Sciences, and Ocean Sciences: e.g., Atmospheric sciences and meteorology, Geological and earth sciences, or Ocean and marine sciences				0 0 0
e. Mathematics, Statistics, and Computer and Information Sciences: e.g., Computer sciences, Information sciences, Information technology, Mathematics, or Statistics				0 0 0
f. Physical Sciences: e.g., Astronomy and astrophysics, Chemistry, Materials science, or Physics				0 0 0
g. Psychology and Social Sciences: e.g., Anthropology; Archaeology; City, urban, community, and regional planning; Criminology; Economics; Geography; Linguistics; Political science and government; Psychology; Public policy analysis; or Sociology, demography, and population studies				0 0 0
h. Humanities: e.g., English language and literature, letters; Foreign languages and literature; History; or Philosophy and religious studies.				0 0 0
i. Other Fields: e.g., Business management and business administration, Communication and communications technologies, Education, Law, Library science, Social work, or Visual and performing arts				0 0 0
Total				0 0 0

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C.10 Research Performance

How much of the 'C.7 Funding for Research Performed by This Organization' was for basic research, applied research, and experimental research?

Round to the nearest one thousand dollars. If none, report zero.

(1) Federal

(2) Nonfederal

(3) Total

a. **Basic research:** Experimental or theoretical work undertaken primarily to acquire new knowledge of the underlying foundations of phenomena and observable facts, without any particular application or use in view.

\$Bil.	Mil.	Thou.	Dol.	\$Bil.	Mil.	Thou.	Dol.	\$Bil.	Mil.	Thou.	Dol.
			000				000				000

b. **Applied research:** Original investigation undertaken in order to acquire new knowledge. It is directed primarily towards a specific, practical aim or objective.

\$Bil.	Mil.	Thou.	Dol.	\$Bil.	Mil.	Thou.	Dol.	\$Bil.	Mil.	Thou.	Dol.
			000				000				000

c. **Experimental development:** Systematic work, drawing on knowledge gained from research and practical experience and producing additional knowledge, which is directed to producing new products or processes or to improving existing products or processes.

\$Bil.	Mil.	Thou.	Dol.	\$Bil.	Mil.	Thou.	Dol.	\$Bil.	Mil.	Thou.	Dol.
			000				000				000

Total: Total for column (1) should equal the amount entered for 'C.8.a. Research Funding Sources – Federal Government.' Total for column (3) should equal the amount entered for 'C.7 Funding for Research Performed by This Organization.'

\$Bil.	Mil.	Thou.	Dol.	\$Bil.	Mil.	Thou.	Dol.	\$Bil.	Mil.	Thou.	Dol.
			000				000				000

If you would like to add additional detail or clarification to your response, please comment in the space provided below.

Examples		
Basic research	Applied research	Experimental 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 researcher 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 investigating the effect of different types of manipulatives on the way first graders learn mathematical strategy by changing manipulatives and then measuring what students have learned through standardized instruments.	A researcher is studying the implementation of a specific math curriculum to determine what teachers need to know to implement the curriculum successfully.	A researcher is developing and testing software and support tools, based on fieldwork, to improve mathematics cognition for student special education.



C.11 Research Employees for Nonprofit Organizations

Of the 'C.3 Number of Employees' reported, how many worked on research activities in FY 2020?

Include:

- Only your organization's paid employees.

Exclude:

- Contract employees. (Report in 'C.13 Research Contract Employees for Nonprofit Organizations.')

	Number
a. Researchers (including scientists, engineers, and their managers): Professionals engaged in the conception or creation of new knowledge.....	<input type="text"/>
b. Research technicians and other support personnel: Staff who work under the supervision of researchers to conduct research activities.....	<input type="text"/>
c. Other support personnel (clerical and other): Staff who provide direct support services for the research project.....	<input type="text"/>
Total	<input type="text"/>

C.12 Research Full-time Equivalents for Nonprofit Organizations

How many full-time equivalents (FTEs) worked on research activities in FY 2020?

FTE research personnel are calculated as the total working (paid) hours spent working on research during a specific reference period (usually a calendar year) divided by the number of hours representing a full-time schedule within the same period. Include only your organization's paid employees. For example, if you have three people working 20, 30, and 40 hours in a week on research activities and a full-time schedule is 40 hours a week at your organization, your research FTE calculation is $(20 + 30 + 40)/40 = 2.25$ FTE.

	Number of FTEs
a. Researchers (including scientists, engineers, and their managers): Professionals engaged in the conception or creation of new knowledge.....	<input type="text"/>
b. Research technicians and other support personnel: Staff who work under the supervision of researchers to conduct research activities.....	<input type="text"/>
c. Other support personnel (clerical and other): Staff who provide direct support services for the research project.....	<input type="text"/>
Total	<input type="text"/>

C.13 Research Contract Employees for Nonprofit Organizations

- a. Did any contract employees work on your research activities in FY 2020?

Contract employees are individuals contracted to work on projects otherwise fully performed by your organization staff.

- Yes
- No

- b. If "Yes", how many contract employees worked on your research activities during FY 2020?

Employees



C.14 Research Volunteers for Nonprofit Organizations

a. Did any volunteers work on your **research activities** in FY 2020?

Volunteers are unpaid workers contributing appreciable and essential activity to research performed by your organization. Their research skills should be comparable to those of your employees. Individuals funded by other sources to conduct research at your organization should not be considered volunteers.

Yes

No

b. If "Yes", how many volunteers worked on your **research activities** during FY 2020? . . .

If you reported "No" for 'C.6 Research Performed by Others,' skip to 'C.16 Burden Estimate.'

C.15 Funding for Research Performed by Other Organizations

In FY 2020, how much funding did your organization provide to others to perform research activities?

Include:

- All grants, contracts, subcontracts, and subawards awarded by your organization to external recipients to perform research.
- For multi-year awards, include only the amount paid to the external recipients in FY 2020.

Exclude:

- Research performed by contract employees.

a. **Research grants or contracts:** Include grants and contracts awarded by your organization to external recipients to perform independent research.

\$Bil.	Mil.	Thou.	Dol.
			0 0 0

b. **Subcontracts and subawards:** Include subcontracts and subawards awarded by your organization to external recipients to support your research activities.

			0 0 0
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Total

			0 0 0
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If you would like to add additional detail or clarification to your response, please comment in the space provided below.

C.16 Burden Estimate

What was the total amount of staff time it took your organization to complete this section?

Include:

- The time spent reading the instructions, working on the questions, and obtaining information.
- The time spent by all employees in collecting and providing this information.

Hours Minutes

:



SECTION I: CONTACT INFORMATION

Enter the first and last name of the person who is filling out this survey. We request a telephone number so we can contact you if there is a question.

Contact Name

Title

Area code

Phone number

-

Ext.

Email address

Additional Remarks: Please use this space for any explanations that may be essential in understanding your reported data.

Thank you for completing the 2021 Annual Business Survey form.

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Definitions

Domestic (or U.S.-located):

Refers to a location in any of the U.S. 50 states and the District of Columbia.

Foreign parent (of a U.S.-located business):

The first entity outside the United States in an affiliate's ownership chain that has a direct or indirect investment interest of more than 50 percent of the affiliate's voting securities.

Intellectual property:

Includes patents, processes, and trade secrets; books and music; trademarks; recorded performances and events, such as radio and television programs and motion pictures; broadcast and recorded live performances and events and their content; general use computer software; franchise fees; and other (for example, digital media).

Research and Development (R&D):

Research and development (R&D) comprise creative and systematic work undertaken in order to increase the stock of knowledge and to devise new applications of available knowledge.

The term R&D does NOT include expenditures for:

- Costs for routine product testing, quality control, and technical services unless they are an integral part of an R&D project
- Market research
- Efficiency surveys or management studies
- Literary, artistic, or historical projects, such as films, music, or books and other publications
- Prospecting or exploration for natural resources

R&D activity in software INCLUDES:

- Software development or improvement activities that expand scientific or technological knowledge
- Construction of new theories and algorithms in the field of computer science

R&D activity in software EXCLUDES:

- Software development that does not depend on a scientific or technological advance, such as
 - supporting or adapting existing systems
 - adding functionality to existing application programs
 - routine debugging of existing systems and software
- Creation of new software based on known methods and applications
- Conversion or translation of existing software and software languages
- Adaptation of a product to a specific client, unless knowledge that significantly improved the base program was added in that process

