

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

FORM

ABS-1 (06/26/2024)

2024 ANNUAL BUSINESS SURVEY

OMB No. 0607-1004: Approval Expires 05/31/2027

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.

WORKSHEET

(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.

The following section collects information on your organization and asks about research performed and/or

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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 Most likely do not meet the criteria for research Laboratory or animal studies Internal program monitoring or evaluation Clinical trials Public service grants or outreach programs Prototype development Education or training programs Outcomes research Quality control testing Development/measurement of new methods to Market research deliver/measure social service outcomes Management studies/efficiency surveys Policy research • Literary, artistic, or historical projects, such as • Humanities research films, music, or books and other publications Research traineeships Feasibility studies, unless included as part of an overall research project • Other experimental studies **E.5 Research Performed by Your Organization** Did your organization perform research in FY 2023? • 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.) Research performed outside your organization by subcontractors or subawardees. (Report in E.6 Research Performed by Others on page 35.) Yes If you would like to add additional detail or clarification to your response, please comment in the space provided below.

E.6 Research Performed by Others
Did your organization fund research performed by others outside your organization in FY 2023?
 Include: All grants, contracts, subcontracts, and subawards awarded by your organization to external recipients to perform research
Exclude:
 Research performed by your organization's employees Research performed by contract employees (Contract employees are individuals contracted to work on projects otherwise fully performed by your organization's staff.)
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 'E.5 Research Performed by Your Organization' AND "No" for 'E.6 Research Performed by Others,' skip to 'Section I: Contact Information' on page 53.
If you reported "No" for 'E.5 Research Performed by Your Organization' AND "Yes" for 'E.6 Research Performed by Others,' skip to 'E.17 Funding for Research Performed by Other Organizations' on page 41.
All others continue to 'E.7 Funding for Research Performed by This Organization.'
E.7 Funding for Research Performed by This Organization
In FY 2023, 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)
Report capital expenditures in 'E.18-E.20' on pages 41-42.
 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 \$Bil. Mil. Thou. Dol.
Total
If you would like to add additional detail or clarification to your response, please comment in the space provided below.
If 'E.7 Funding for Research Performed by This Organization' is less than \$50,000, then skip to 'Section I: Contact Information' on page 53.

Form ABS-1

How perf	much of t ormed by t	he 'E.7 Fu his organiz	nding for l zation came	from ea	ch of the f	following s	ources?	ation' in	ı funding f	or research	1	
Rou	nd to the	nearest o	ne thousai	nd dolla	rs. If non	e, report	zero.					
	nternal fu	nds: Your	organizatio	n's own	funds fron	n your end	lowment, ge	eneral do				
\$Bil.	Mil.	Thou.	Dol.	\$Bil.	Mil.	Thou.	Dol.	\$Bil.	Mil.	Thou.	Dol.	
	Covered by this CF, Funding for Research Performed by This Organization' in funding for research performed by this organization came from each of the following sources: (2) Foreign Sources (3) Total (3) Total (3) Internal funds: Your organization's own funds from your endowment, general donations, or other unrestricted sources. Report only domestic sources for this item. (3) Internal funds: Your organization's own funds from your endowment, general donations, or other unrestricted sources. Report only domestic sources for this item. (3) Total (4) Thou. Dol. (5) SBil. Mil. Thou. Dol. (6) Dol. (7) SBil. Mil. Thou. Dol. (8) SBil. Mil. Thou. Dol. (9) Dol. (9) SBil. Mil. Thou. Dol. (1) SBil. Mil. Thou. Dol. (1) SBil. Mil. Thou. Dol. (2) SBil. Mil. Thou. Dol. (3) SBil. Mil. Thou. Dol. (4) SBil. Mil. Thou. Dol. (5) SBil. Mil. Thou. Dol. (6) SBil. Mil. Thou. Dol. (7) SBil. Mil. Thou. Dol. (8) SBil. Mil. Thou. Dol. (9) SBil. Mil. Thou. Dol. (1) SBil. Mil. Thou. Dol. (2) SBil. Mil. Thou. Dol. (3) SBil. Mil. Thou. Dol. (4) SBil. Mil. Thou. Dol. (5) SBil. Mil. Thou. Dol. (6) SBil. Mil. Thou. Dol. (7) SBil. Mil. Thou. Dol. (
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How much of the 'E.7 Funding for Research Performed by This Organization' in 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. (1) Domestic Sources (2) Foreign Sources (3) Total a. Internal funds: Your organization's own funds from your endowment, general donations, or other unrestricted sources. Report only domestic sources for this item. SBII. Mil. Thou. Dol.												
L	United States. Report only domestic sources for this item.											
\$Bil.	Mil.	Thou.	Dol.	from each of the following sources? Id dollars. If none, report zero. (2) Foreign Sources O's own funds from your endowment, general donations, or other domestic sources for this item. SBil. Mill. Thou. Dol. SBil. Mill. Thou. Dol.								
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d. I	ndividual	donors: G	ifts designa	ited by t	he donors	for researc	ch					
\$Bil.	Mil.	Thou.	Dol.	\$Bil.	Mil.	Thou.	Dol.	\$Bil.	Mil.	Thou.	Dol.	
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			c and foreig	n for-pro	ofit organiz	zations. Re	port funds f	rom a co	ompany's	nonprofit		
\$Bil.	Mil.	Thou.	Dol.	\$Bil.	Mil.	Thou.	Dol.	\$Bil.	Mil.	Thou.	Dol.	
		much of the 'E.7 Funding for Research Performed by This Organization' in funding for research remed by this organization came from each of the following sources? Id to the nearest one thousand dollars. If none, report zero. 1) Domestic Sources (2) Foreign Sources (3) Total ternal funds: Your organization's own funds from your endowment, general donations, or other restricted sources. Report only domestic sources for this item. Mil. Thou. Dol. SBil. Mil.										
f. l	Jniversitie	s: Domest	ic and forei	gn degre	ee-granting	g institutio	ns					
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					Domestic	and foreig	n public cha	rities an	d other no	onprofit		
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h. (Other, (spe	ecify): All	other source	ces not r	eported ab	oove						
\$Bil.	Mil.	Thou.	Dol.	\$Bil.	Mil.	Thou.	Dol.	\$Bil.	Mil.	Thou.	Dol.	
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Tota	al											
\$Bil.		Thou.	Dol.	\$Bil.	Mil.	Thou.	Dol.	\$Bil.	Mil.	Thou.	Dol.	
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			d addition	al detail	or clarifi	cation to	your respo	nse, pl	ease com	ment in tl	ne	
Spar	os provide											

E.9 Res	search Performance by Field			
perform	uch of the 'E.7 Funding for Research Performed by This Organied by this organization was spent in each of the following fields? to the nearest one thousand dollars. If none, report zero.		ng for resea	arch
	Agricultural Sciences and Natural Resources and			
a.	Conservation: e.g., Agricultural sciences, Animal sciences,			
	Veterinary medicine, Veterinary science, Applied horticulture, Fishing and fisheries science, Food science and technology,	\$Bil. Mil.	Thou.	Dol.
	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; or Zoology	00 000		0 0 0
C.	Engineering: e.g., Aerospace, aeronautical, and astronautical 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	00 000		0 0 0
f.	Physical Sciences: e.g., Astronomy and astrophysics, Chemistry, Materials science, or Physics	00 000		0 0 0
g.	Psychology and Social Sciences: e.g., Anthropology; Archaeology; 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.	administration; City, urban, community, and regional			
	planning; Communication and communications technologies; Education; Law; Library science; Social work; or Visual and performing arts			0 0 0
	Total			0 0 0
	would like to add additional detail or clarification to your r	esponse, please c	omment i	n the
What pe	linical Trial Research ercentage of the amount reported in 'E.7 Funding for Research ng for research performed by this organization was for medical c			ation'
neport	percentages in whole numbers. If none, report zero.			%

Form ABS-1

E.11 Research Performance by Type of Research

How much of the **'E.7 Funding for Research Performed by This Organization'** in funding for research performed by this organization was for basic research, applied research, and experimental development?

Round to the	nearest one	thousand	dollare If	none r	enort zero
noulla to the	nearest one	tiiousanu	uonars. n	none, r	eport zero.

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.						

(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.
			0 0 0				0 0 0				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.
			0 0 0				0 0 0				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.

ı	\$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 'E.8.b. Research Funding Sources – Federal Government.' Total for column (3) should equal the amount entered for 'E.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.

nin y	our organization was for each of the following types of costs?	\$Bil.	Mil.	Thou.	Dol.
a.	Salaries, wages, and fringe benefits				000
۵.	of your organization's employees				0 0 0
	Include costs for all compensation and				<u> </u>
	benefits of employees that are included in the total reported on E.7 .				
	Include payroll taxes, such as Social				
	Security and medicare.				
b.	Costs associated with contract employees				
	working on your organization's research				0 0 0
C	Depreciation and amortization on property,				
С.	plant, equipment, and intangible assets				0 0 0
	 Include depreciation on tangible research assets, 				
	such as buildings or equipment, as well as				
	the amortization of intangible assets such as patents.				1
٦	Europeed machinery and agreement				0 0 0
u.	Expensed machinery and equipment Include all equipment purchases for research that are				
	beneath your organization's capitalization threshold.				
					000
e.	Materials and supplies				000
	 Include costs for materials and supplies consumed for research. 				
	101 1000010111				
f.	All other costs				0 0 0
	Include administrative and overhead costs clearly				
	associated with your organization's research.				
	Total				0 0 0
ce p	rovided below.				
	search Employees for Nonprofit Organizations E.3 Number of Employees' employees reported, how many wo	rkod on s	roogerah (notivition.	in EV 202
lude		ikou on <u>i</u>	CSCUIOII	dotivities	11111 202
lude					
Cor	tract employees. (Report in 'E.15 Research Contract Employe	ees for F	Nonprofit		
a.	Number of researchers (including scientists, engineers, ar	nd their		Ni	umber
	managers): Professionals engaged in the conception or creation	n of new			
	knowledge				
b.	Number of research technicians: Staff who work under the stresearchers to conduct research activities				
		toff who			
C.	Number of other support personnel (clerical and other): Statistical support services for the research project				
C.					

E.14 Research Full-time Equivalents for Nonprofit Organizations	
How many full-time equivalents (FTEs) worked on <u>research activities</u> in FY 2023?	
FTE research personnel are calculated as the total working (paid) hours spent working on research reference period (usually a calendar year) divided by the number of hours representing schedule within the same period. Include only your organization's paid employees. For example, three people working 20, 30, and 40 hours in a week on research activities and a full-time schedule within the same period. Include only your organization are research activities and a full-time schedule within the same period. Include only your research activities and a full-time schedule within the same period. Include only your research activities and a full-time schedule within the same period. Include only your research activities and a full-time schedule.	ng a full-time ole, if you have edule is 40 TE. Number
	of FTEs
a. FTE researchers (including scientists, engineers, and their managers): Professionals engaged in the conception or creation of new knowledge	00.00
b. FTE research technicians: Staff who work under the supervision of researchers to conduct research activities	00.00
c. FTE other support personnel (clerical and other): Staff who provide direct support services for the research project	00.00
Total	00,00
If you would like to add additional detail or clarification to your response, please conspace provided below.	mment in the
E.15 Research Contract Employees for Nonprofit Organizations	
 E.15 Research Contract Employees for Nonprofit Organizations a. Did any contract employees work on your <u>research activities</u> in FY 2023? Contract employees are individuals contracted to work on projects otherwise fully pe organization staff. 	erformed by your
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 a. Did any contract employees work on your <u>research activities</u> in FY 2023? Contract employees are individuals contracted to work on projects otherwise fully perorganization staff. Yes No b. If "Yes," how many contract employees worked on your <u>research activities</u> during FY 2023? E.16 Research Volunteers for Nonprofit Organizations a. Did any volunteers work on your <u>research activities</u> in FY 2023? Volunteers are unpaid workers contributing appreciable and essential activity to rese your organization. Their research skills should be comparable to those of your employees 	Employees arch performed by byees. Individuals
a. Did any contract employees work on your research activities in FY 2023? Contract employees are individuals contracted to work on projects otherwise fully perorganization staff. Yes No b. If "Yes," how many contract employees worked on your research activities during FY 2023? E.16 Research Volunteers for Nonprofit Organizations a. Did any volunteers work on your research activities in FY 2023? Volunteers are unpaid workers contributing appreciable and essential activity to rese your organization. Their research skills should be comparable to those of your employees worked on your organization should not be constituted by other sources to conduct research at your organization should not be constituted.	Employees arch performed by byees. Individuals
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E.17 Funding for Research Performed by Other Organizations				
In FY 2023, how much funding did your organization provide to others to	perform	n research	activities?	
 Include: All grants, contracts, subcontracts, and subawards awarded by your perform research. For multi-year awards, include only the amount paid to the external 	_			ents to
Exclude: • Research performed by contract employees.				
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 own research activities				000
Total		000	000	000
If you would like to add additional detail or clarification to your respace provided below.	espons	e, please o	comment i	n the
E.18 Total Capital Expenditures for Your Organization				
What was the amount of your organization's capital expenditures in FY 2				
	\$Bil.	Mil.	Thou.	Dol.
Total				0 0 0
E.19 Total Capital Expenditures for Research Operations				
How much of the 'E.18 Total Capital Expenditures for Your Organiz was for research operations?	ation' i	n capital ex	kpenditures	
 Organizations should allocate capital expenditures that benefit be on a reasonable basis. 	oth resea	arch and ot	her operati	ons
 None of the costs reported here should be included in 'E.7 Fund This Organization'. 	ing for	Research	Performe	d by
	\$Bil.	Mil.	Thou.	Dol.
Total				0 0 0
If you would like to add additional detail or clarification to your respace provided below.	espons	e, please o	comment i	n the

E.20 Capital Expenditures for Research Operations by Type of Cost How much of the 'E.19 Total Capital Expenditures for Research Operations' in capital expenditures for research operations was for the following?				
		\$Bil. Mil. Thou. Dol.		
a.	Land acquisition: Land acquired for research use, including land purchased for building construction			
b.	Buildings and land improvement: Buildings constructed or purchased for research use. If the building is constructed or purchased for mixed use, please report the estimated proportion of the cost that is for research			
C.	Equipment: Major (capitalized) machinery and equipment acquired for use in the performance of research	000		
d.	Capitalized software: Computer software that is used in the performance of research for more than one year. Include long-term licenses and the acquisition of computer software, as well as production costs for internally produced software	000		
e.	All other capital expenditures for research operations: All other capital expenditures used in the performance of research. Include purchased patents, long-term licenses, or other intangible assets used in research that had an expected useful life of more than one year			
	Total	000		
	would like to add additional detail or clarification to your r			
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