



**Worksheet for  
Survey of Graduate Students and Postdoctorates  
in Science and Engineering  
Fall 2022**



National Science Foundation and National Institutes of Health

Dear Colleague,

This document provides a worksheet and instructions to help you compile your answers to the Survey of Graduate Students and Postdoctorates in Science and Engineering (GSS). It is intended as an aid for use with the GSS Web survey. Please read page 2 for more information about preparing and submitting your information.

RTI International, the survey contractor for the GSS, provided the 2022 GSS survey materials to the individual selected as the School Coordinator for your school. The School Coordinator is responsible for monitoring your institution's responses to the survey and will be in touch with you about completing and submitting your survey response to NSF. Responses are due on **February 28, 2023**.

The GSS, conducted since 1966, is an annual survey that provides information on the training of the future labor force in the science, engineering, and health fields. Your timely response helps us minimize the cost of follow-ups and ensures that we accurately represent your institution in national statistical tables.

We appreciate the time and effort you devote to providing this important information.

If you have questions, please e-mail RTI at [gss@rti.org](mailto:gss@rti.org) or call RTI toll-free at 1-866-558-0781. **Please submit the information on this worksheet via the Web survey at <https://nsfgss.org/2022>.**

Sincerely,

Emilda Rivers  
Director  
National Center for Science and  
Engineering Statistics  
National Science Foundation

P. Kay Lund, Ph.D.  
Director  
Division of Biomedical Research Workforce  
Office of Extramural Research  
National Institutes of Health

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This information is solicited under the authority of the National Science Foundation Act of 1950, as amended. All information provided will be used for statistical purposes only. Response is entirely voluntary, and failure to provide some or all of the information will in no way adversely affect your institution. The average time required for questionnaire completion is 2.7 hours. Response burden comments should be directed to Suzanne Plimpton, Reports Clearance Officer, NSF, via e-mail at [splimpto@nsf.gov](mailto:splimpto@nsf.gov).

Form approved  
OMB No. 3145-0062  
Expires 08/31/2023

WP2022SC

## Survey Information

Welcome to the 2022 Survey of Graduate Students and Postdoctorates in Science and Engineering (GSS) data collection. The GSS asks for counts of the following information by organizational unit (unit):

- **Master's Students:**
  - Part-time master's students by demographics, including citizenship, ethnicity, race, and sex.
  - Full-time master's students by demographics, including citizenship, ethnicity, race, and sex.
  - Full-time master's students by financial support, including funding agency (e.g., NSF, NIH) and mechanism (e.g., training grant, fellowship).
- **Doctoral Students:**
  - Part-time doctoral students by demographics, including citizenship, ethnicity, race, and sex.
  - Full-time doctoral students by demographics, including citizenship, ethnicity, race, and sex.
  - Full-time doctoral students by financial support, including funding agency (e.g., NSF, NIH) and mechanism (e.g., training grant, fellowship).
- **Postdoctoral Researchers (Postdocs):**
  - Demographics, including citizenship, ethnicity, race, and sex.
  - Financial support, including funding agency (e.g., NSF, NIH) and mechanism (e.g., training grant, fellowship).
  - Type of degree (professional, PhD, or PhD equivalent) and origin of degree (U.S. or foreign).
- **Other Doctorate-Holding Nonfaculty Researchers (NFRs):**
  - Sex and type of degree (professional, PhD, or PhD equivalent).

If you need additional copies of this worksheet, please visit the GSS Web survey site (<https://nsgss.org/2022>) to download additional copies.

For Glossary terms used in the GSS, please refer to the Glossary starting on page 14.

## Submissions

### Deadline

Submit the data to NSF by **February 28, 2023**.

### Online Submissions

This worksheet is designed to aid you in gathering information for the GSS Web instrument.

- Use the GSS Web instrument for instructions on how to submit the information on this worksheet.
- Access the GSS instructions and materials at (<https://nsgss.org/2022>) using the ID and password you received by e-mail.
- If you've lost the ID and password sent by your School Coordinator or have not yet received an ID and password, please contact the survey help desk toll-free at 1-866-558-0781, or e-mail us at [gss@rti.org](mailto:gss@rti.org).

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A. What is the name of this organizational unit?

**Organizational units** (“units”) include teaching units (departments or programs) and research units (research centers or health care facilities). This term replaces terms used previously: department, program, research center, health care facility.

B. Who is the **primary contact** for your organizational unit, or the person assigned to complete this survey response (i.e., Unit Respondent)?

Institution name	<input type="text"/>
First name	<input type="text"/>
Last name	<input type="text"/>
Title	<input type="text"/>
Telephone	<input type="text"/>
Telephone extension	<input type="text"/>
E-mail	<input type="text"/>

C. Who is the **alternative contact** if the primary contact is not available? Examples include your supervisor, the data preparer, or another coworker.

First name	<input type="text"/>
Last name	<input type="text"/>
Title	<input type="text"/>
Telephone	<input type="text"/>
Telephone extension	<input type="text"/>
E-mail	<input type="text"/>

D. As of fall 2022, what degrees are offered by this organizational unit?

- PhD or PhD equivalent degree (e.g. ScD or DEng) only → Skip to Question **2B**
- Master’s degrees only (exclude certificates) → Continue with Question **2A**
- Both master’s and PhD or PhD equivalent degrees → Continue with Question **2A**
- No master’s, PhD or PhD equivalent degrees offered → Skip to Question **5A**

**2A**

**How many master's students were enrolled part-time for credit in this organizational unit in fall 2022 in each category below? Use your institution's definition of part-time. (Full-time enrollment is collected in Question 3A.)**

Check this box if this unit had no eligible part-time master's students

- Count only students enrolled part-time for credit in an eligible master's degree program.
- Count students enrolled in more than one organizational unit in only one home unit.
- Count students enrolled in more than one eligible degree program in the unit where the students are pursuing the highest degree.

**Include**

- Part-time students pursuing a master's degree.
- Part-time master's students concurrently enrolled in a professional degree program (e.g., MD, DDS, DO, DPT, DVM).
- Part-time master's students who already hold a graduate or professional degree and are seeking an additional master's degree.

**Exclude**

- Part-time master's students concurrently enrolled in an eligible doctoral program (count them in that program).
- Part-time master's students enrolled at a branch or extension center of a U.S. institution in a foreign country.

**Citizenship, Ethnicity, and Race**

- Count any master's student who is Hispanic/Latino, or Hispanic/Latino and any other race, in Row B.
- See the Glossary on page 14 for full definitions of citizenship, ethnicity, and race categories.

Citizenship, Ethnicity, and Race of Part-time Master's Students (report part-time students in whole numbers)	Part-time Master's Students		
	Male 1	Female 2	Total <sup>1</sup> 3
<b>Foreign nationals holding temporary visas, regardless of ethnicity or race</b> ..... A			
<b>U.S. citizens and permanent residents (non-U.S. citizens holding green cards)</b>			
• Hispanic/Latino ethnicity (one or more races)..... B			
• Not Hispanic/Latino (one or more races)			
One race, American Indian/Alaska Native..... C			
One race, Asian..... D			
One race, Black/African American..... E			
One race, Native Hawaiian/Other Pacific Islander..... F			
One race, White..... G			
More than one race (not Hispanic/Latino)..... H			
• Ethnicity/race unknown or not stated..... I			
<b>Total part-time <u>master's</u> students (sum Rows A–I)<sup>1</sup></b> ..... J			

**Please explain significant differences from the 2021 survey or provide other comments here.**

<sup>1</sup> Row and column totals are calculated automatically if you report on the GSS Web survey.

# 3A

How many master's students were enrolled full-time for credit in this organizational unit in fall 2022 in each category below? Of these, how many full-time master's students were enrolled for the *first time*? Use your institution's definition of full-time.

Check this box if this unit had no eligible full-time master's students, and then skip to Question **2B**

Check this box if this unit had no eligible first-time full-time master's students  
 Check this box if this unit had first-time full-time master's students but you cannot provide any information about them

- Count only students enrolled full-time for credit in an eligible master's degree program.
- Count students enrolled in more than one organizational unit in only one home unit.
- Count students enrolled in more than one eligible degree program in the unit where the students are pursuing the highest degree.

**Include**

- Full-time master's students who already hold a graduate or professional degree and are seeking an additional master's degree.
- Full-time master's students concurrently enrolled in a professional degree program (e.g., MD, DDS, DO, DPT, DVM).

**Exclude**

- Full-time master's students concurrently enrolled in an eligible doctoral program (count them in that program).
- Full-time master's students enrolled at a branch or extension center of a U.S. institution in a foreign country.

**First-time enrollment for full-time master's students**

- First-time master's students are those enrolled for credit in a master's degree program in this unit for the first-time in fall 2022. This may include master's students previously enrolled in another graduate degree program at your institution or at another institution and students that already hold another graduate or professional degree.

**Citizenship, Ethnicity, and Race**

- Count any master's student who is Hispanic/Latino, or Hispanic/Latino and any other race, in Row B.
- See the Glossary on page 14 for full definitions of citizenship, ethnicity, and race categories.

Citizenship, Ethnicity, and Race of Full-time Master's Students (report full-time students in whole numbers)	Full-time Master's Students					
	Total full-time			Of Col. 3 total, how many are first-time?		
	Male 1	Female 2	Total <sup>1</sup> 3	Male 4	Female 5	Total <sup>1</sup> 6
<b>Foreign nationals holding temporary visas, regardless of ethnicity or race</b> ..... A						
<b>U.S. citizens and permanent residents (non-U.S. citizens holding green cards)</b>						
• Hispanic/Latino ethnicity (one or more races)..... B						
• Not Hispanic/Latino (one or more races)						
One race, American Indian/Alaska Native ..... C						
One race, Asian ..... D						
One race, Black/African American ..... E						
One race, Native Hawaiian/Other Pacific Islander..... F						
One race, White ..... G						
More than one race (not Hispanic/Latino)..... H						
• Ethnicity/race unknown or not stated ..... I						
<b>Total full-time <u>master's</u> students</b> (sum Rows A–I) <sup>1</sup> ..... J						

Please explain significant differences from the 2021 survey or provide other comments here.

<sup>1</sup> Row and column totals are calculated automatically if you report on the GSS Web survey.

# 4A

How many master's students enrolled full-time for credit in this organizational unit in fall 2022 received their largest source of financial support from each category below? Report students by mechanism of support and by sex. Use your institution's definition of full-time.

Check this box if this unit had no eligible full-time master's students

- Count only students enrolled full-time for credit in an eligible master's degree program.
- Count students enrolled in more than one organizational unit in only one home unit.
- Count students enrolled in more than one eligible degree program in the unit where the students are pursuing the highest degree.
- If a master's student receives support from two or more sources equally, select one to report as the primary source.
- See the Glossary on page 14 for definitions of terms used in Question 4A.

**Include**

- Full-time master's students who already hold a graduate or professional degree and are seeking an additional master's degree.
- Full-time master's students concurrently enrolled in a professional degree program (e.g., MD, DDS, DO, DPT, DVM).

**Exclude**

- Full-time master's students concurrently enrolled in an eligible doctoral program (count them in that program).
- Full-time master's students enrolled at a branch or extension center of a U.S. institution in a foreign country.

Largest Source of Financial Support (use all graduate academic support—tuition reimbursement, waivers, stipends, etc.—to determine largest source)	Full-time Master's Students							Total by Sex (must sum to total in Column 6)	
	Largest Mechanism of Financial Support (report full-time students in whole numbers)						Total <sup>1</sup> 6	Male 7	Female 8
	Fellowships 1	Traineeships 2	Research assistantships 3	Teaching assistantships 4	Other support 5	Total <sup>1</sup> 6			
<b>Federal</b> (e.g., training grants from federal agencies; however, federal loans are reported in Row L)									
• Department of Defense..... A									
• HHS–NIH Only..... B									
• HHS–Other than NIH..... C									
• NSF..... D									
• Department of Agriculture..... E									
• NASA..... F									
• Department of Energy..... G									
• Other federal sources <sup>2</sup> ..... H									
<b>Nonfederal</b> (Institutional means the support from your institution: tuition reimbursement, waivers, stipends, etc.)									
• Institutional, state/local government.. I									
• Other U.S. sources..... J									
• Non-U.S. sources..... K									
<b>Self</b> (Student's own resources means the personal and family financial resources and federal and other loans)									
• Student's own resources..... L	Report in 'Other support' and by 'Sex'								
<b>Total full-time <u>master's</u> students</b> (sum Rows A–L) <sup>1</sup> ..... M									

Please explain significant differences from the 2021 survey or provide other comments here.

<sup>1</sup> Shaded row and column totals will be automatically calculated if you are responding on the GSS Web survey.

<sup>2</sup> This also includes the Fulbright Program (State Department) and the GI Bill (Department of Veterans Affairs).

**2B**

How many doctoral students were enrolled part-time for credit in this organizational unit in fall 2022 in each category below? Use your institution's definition of part-time. (Full-time enrollment is collected in Question 3B.)

Check this box if this unit had no eligible part-time doctoral students

- Count only students enrolled part-time for credit in an eligible doctoral degree program.
- Count students enrolled in more than one organizational unit in only one home unit.
- Count students enrolled in more than one eligible degree program in the unit where the students are pursuing their doctoral degree.

**Include**

- Part-time students pursuing a PhD or PhD equivalent degree, such as an ScD or DEng.
- Part-time PhD candidates (including residents and interns) concurrently enrolled in a professional degree program (e.g., MD, DDS, DO, DPT, DVM) or a joint medical/PhD program.
- Part-time doctoral students who already hold a graduate or professional degree and are seeking an additional doctoral degree.

**Exclude**

- Full-time doctoral students enrolled at a branch or extension center of a U.S. institution in a foreign country.

**Citizenship, Ethnicity, and Race**

- Count any doctoral student who is Hispanic/Latino, or Hispanic/Latino and any other race, in Row B.
- See the Glossary on page 14 for full definitions of citizenship, ethnicity, and race categories.

Citizenship, Ethnicity, and Race of Part-time Doctoral Students (report part-time students in whole numbers)	Part-time Doctoral Students		
	Male 1	Female 2	Total <sup>1</sup> 3
Foreign nationals holding temporary visas, regardless of ethnicity or race..... A			
<b>U.S. citizens and permanent residents (non-U.S. citizens holding green cards)</b>			
• Hispanic/Latino ethnicity (one or more races) ..... B			
• Not Hispanic/Latino (one or more races)			
One race, American Indian/Alaska Native..... C			
One race, Asian..... D			
One race, Black/African American..... E			
One race, Native Hawaiian/Other Pacific Islander ..... F			
One race, White..... G			
More than one race (not Hispanic/Latino) ..... H			
• Ethnicity/race unknown or not stated..... I			
<b>Total part-time <u>doctoral</u> students (sum Rows A-I)<sup>1</sup>..... J</b>			

Please explain significant differences from the 2021 survey or provide other comments here.

<sup>1</sup> Row and column totals are calculated automatically if you report on the GSS Web survey.

# 3B

How many doctoral students were enrolled full-time for credit in this organizational unit in fall 2022 in each category below? Of these, how many full-time doctoral students were enrolled for the *first time*? Use your institution's definition of full-time.

Check this box if this unit had no eligible full-time doctoral students, and then skip to Question **5A**

Check this box if this unit had no eligible first-time full-time doctoral students

Check this box if this unit had first-time full-time doctoral students but you cannot provide any information about them

- Count only students enrolled full-time for credit in an eligible doctoral degree program.
- Count students enrolled in more than one organizational unit in only one home unit.
- Count students enrolled in more than one degree program in the unit where the students are pursuing their eligible doctoral degree.

**Include**

- Full-time students pursuing a PhD or PhD equivalent degree, such as an ScD or DEng.
- Full-time PhD candidates (including residents and interns) concurrently enrolled in a professional degree program (e.g., MD, DDS, DO, DPT, DVM) or a joint medical/PhD program.
- Full-time doctoral students who already hold a graduate or professional degree and are seeking an additional doctoral degree.

**Exclude**

- Full-time doctoral students enrolled at a branch or extension center of a U.S. institution in a foreign country.

**First-time enrollment for full-time doctoral students**

- First-time doctoral students are those enrolled for credit in a doctoral degree program in this unit for the first time in fall 2022. This may include doctoral students previously enrolled in another graduate degree program at your institution or at another institution, and doctoral students that already hold another graduate or professional degree.

**Citizenship, Ethnicity, and Race**

- Count any doctoral student who is Hispanic/Latino, or Hispanic/Latino and any other race, in Row B.
- See the Glossary on page 14 for full definitions of citizenship, ethnicity, and race categories.

Citizenship, Ethnicity, and Race of Full-time Doctoral Students (report full-time students in whole numbers)	Full-time Doctoral Students					
	Total full-time			Of Col. 3 total, how many are first-time?		
	Male 1	Female 2	Total <sup>1</sup> 3	Male 4	Female 5	Total <sup>1</sup> 6
<b>Foreign nationals holding temporary visas, regardless of ethnicity or race</b> ..... A						
<b>U.S. citizens and permanent residents (non-U.S. citizens holding green cards)</b>						
• Hispanic/Latino ethnicity (one or more races)..... B						
• Not Hispanic/Latino (one or more races)						
One race, American Indian/Alaska Native ..... C						
One race, Asian..... D						
One race, Black/African American ..... E						
One race, Native Hawaiian/Other Pacific Islander..... F						
One race, White ..... G						
More than one race (not Hispanic/Latino)..... H						
• Ethnicity/race unknown or not stated ..... I						
<b>Total full-time <u>doctoral</u> students</b> (sum Rows A–I) <sup>1</sup> ..... J						

Please explain significant differences from the 2021 survey or provide other comments here.

<sup>1</sup> Row and column totals are calculated automatically if you report on the GSS Web survey.



# 4B

How many doctoral students enrolled full-time for credit in this organizational unit in fall 2022 received their largest source of financial support from each category below? Report students by mechanism of support and by sex. Use your institution's definition of full-time.

Check this box if this unit had no eligible full-time doctoral students

- Count only students enrolled full-time for credit in an eligible doctoral degree program.
- Count students enrolled in more than one organizational unit in only one home unit.
- Count students enrolled in more than one degree program in the unit where the students are pursuing their eligible doctoral degree.
- If a doctoral student receives support from two or more sources equally, select one to report as the primary source.
- See the Glossary on page 14 for definitions of terms used in Question 4B.

**Include**

- Full-time students pursuing a PhD or PhD equivalent degree, such as an ScD or DEng.
- Full-time PhD candidates (including residents and interns) concurrently enrolled in a professional degree program (e.g., MD, DDS, DO, DPT, DVM) or a joint medical/PhD program.
- Full-time doctoral students who already hold a graduate or professional degree and are seeking an additional doctoral degree.

**Exclude**

- Full-time doctoral students enrolled at a branch or extension center of a U.S. institution in a foreign country.

Largest Source of Financial Support (use all graduate academic support—tuition reimbursement, waivers, stipends, etc.—to determine largest source)	Full-time Doctoral Students						Total by Sex (must sum to total in Column 6)	
	Largest Mechanism of Financial Support (report full-time students in whole numbers)						Male 7	Female 8
	Fellowships 1	Traineeships 2	Research assistantships 3	Teaching assistantships 4	Other support 5	Total <sup>1</sup> 6		
<b>Federal</b> (e.g., training grants from federal agencies; however, federal loans are reported in Row L)								
• Department of Defense ..... A								
• HHS–NIH Only ..... B								
• HHS–Other than NIH..... C								
• NSF ..... D								
• Department of Agriculture ..... E								
• NASA..... F								
• Department of Energy ..... G								
• Other federal sources <sup>2</sup> ..... H								
<b>Nonfederal</b> (Institutional means the support from your institution: tuition reimbursement, waivers, stipends, etc.)								
• Institutional, state/local government ..... I								
• Other U.S. sources ..... J								
• Non-U.S. sources ..... K								
<b>Self</b> (Student's own resources means the personal and family financial resources and federal and other loans)								
• Student's own resources ..... L	Report in 'Other support' and by 'Sex'							
<b>Total full-time <u>doctoral</u> students</b> (sum Rows A–L) <sup>1</sup> ..... M								

Please explain significant differences from the 2021 survey or provide other comments here.

<sup>1</sup> Shaded row and column totals will be automatically calculated if you are responding on the GSS Web survey.  
<sup>2</sup> This also includes the Fulbright Program (State Department) and the GI Bill (Department of Veterans Affairs).

# 5A

**In fall 2022, how many postdocs did this organizational unit have in each category below? Please do not count other doctorate-holding nonfaculty researchers.** (Information on other doctorate-holding nonfaculty researchers is collected in Question 6.)

- Check this box if this unit had no postdocs and then skip to Question **6**
- Check this box if this unit had postdocs but you cannot provide any information about them

- Count individuals in one and only one unit.
- Include clinical fellows if the primary purpose of the appointment is research training.
- Exclude postdocs with appointments in residency training programs.
- Count postdocs who are Hispanic/Latino, or Hispanic/Latino and any other race, in Row B only.
- Please use your institution's definition of postdoc. See the Glossary on page 14 for full definitions of citizenship, ethnicity, and race categories.

Citizenship, Ethnicity, and Race of Postdocs (report postdocs in whole numbers)	Male 1	Female 2	Total <sup>1</sup> 3
<b>Foreign nationals holding temporary visas, regardless of ethnicity or race</b> ..... A			
<b>U.S. citizens and permanent residents (non-U.S. citizens holding green cards)</b>			
• Hispanic/Latino ethnicity (one or more races) ..... B			
• Not Hispanic/Latino (one or more races)			
One race, American Indian/Alaska Native ..... C			
One race, Asian ..... D			
One race, Black/African American ..... E			
One race, Native Hawaiian/Other Pacific Islander ..... F			
One race, White ..... G			
More than one race (not Hispanic/Latino) ..... H			
• Ethnicity/race unknown or not stated ..... I			
<b>Total Postdocs</b> (sum Rows A–I) <sup>1</sup> ..... J			

**Please explain significant differences from the 2021 survey or provide other comments here.**

<sup>1</sup> Row and column totals are calculated automatically if you report on the GSS Web survey.

# 5B

In this organizational unit in fall 2022, how many postdocs received their largest source of financial support from each category below? Please do not count other doctorate-holding nonfaculty researchers.

- Check this box if this unit had no postdocs
- Check this box if this unit had postdocs but you cannot provide any information about them

- Count individuals in one and only one unit.
- Include clinical fellows if the primary purpose of the appointment is research training.
- Exclude postdocs with appointments in residency training programs.
- Please use your institution's definition of postdoc. See the Glossary on page 14 for definitions of other terms used in Question 5B.

Largest Source of Financial Support	Largest Mechanism of Financial Support (report postdocs in whole numbers)				
	Fellowships 1	Traineeships 2	Research grants 3	Other support 4	Total <sup>1</sup> 5
<b>Federal</b> (e.g., training grants from federal sources)					
• Department of Defense..... A					
• HHS–NIH Only..... B					
• HHS–Other than NIH..... C					
• NSF..... D					
• Department of Agriculture..... E					
• NASA..... F					
• Department of Energy..... G					
• Other federal sources..... H					
<b>Sub-total, Federal</b> (sum Rows A–H) <sup>1</sup> ..... I					
<b>Nonfederal</b>					
• Institutional, state/local government..... J					
• Other U.S. sources..... K					
• Non-U.S. sources..... L					
<b>Sub-total, Nonfederal</b> (sum Rows J–L) <sup>1</sup> ... M					
<b>Personal resources</b> ..... N	Report under 'Other support' (and in 'Total')				
<b>Unknown or not stated</b> ..... O					
<b>Total Postdocs</b> (sum Rows I, M, N, & O) <sup>1</sup> ... P					
<b>Total Postdocs, Male</b> ..... Q					
<b>Total Postdocs, Female</b> ..... R					

Please explain significant differences from the 2021 survey or provide other comments here.

<sup>1</sup> Shaded row and column totals will be automatically calculated if you are responding on the GSS Web survey.

# 5C1

Please report the number of postdocs in this organizational unit in fall 2022 by type of doctoral degree and by mechanism of support.

- Check this box if this unit had no postdocs
- Check this box if this unit had postdocs but you cannot provide any information about them

Type of Doctoral Degree	Largest Mechanism of Financial Support (report postdocs in whole numbers)				
	Fellowships 1	Traineeships 2	Research grants 3	Other support 4	Total <sup>1</sup> 5
• Postdocs with a <b>professional degree</b> (e.g., MD, DVM, DO, DDS) .....	A				
• Postdocs with a <b>doctoral degree</b> (e.g., PhD, ScD, DEng) .....	B				
• Postdocs with <b>both professional and doctoral degree</b> (e.g., MD-PhD, DVM-PhD) .....	C				
• Postdocs with <b>doctoral degree type unknown</b> .....	D				
<b>Total Postdocs</b> (determined from 5B) <sup>1</sup> .....	E				

Please explain significant differences from the 2021 survey or provide other comments here.

<sup>1</sup> Shaded row and column totals will be automatically calculated if you are responding on the GSS Web survey.

# 5C2

Please report the number of postdocs in this organizational unit in fall 2022 by type of doctoral degree and by citizenship.

Type of Doctoral Degree	Postdocs		
	U.S. citizens and permanent residents 1	Foreign nationals with temporary visas 2	Total <sup>1</sup> 3
• Postdocs with a <b>professional degree</b> (e.g., MD, DVM, DO, DDS) .....	A		
• Postdocs with a <b>doctoral degree</b> (e.g., PhD, ScD, DEng) .....	B		
• Postdocs with <b>both professional and doctoral degree</b> (e.g., MD-PhD, DVM-PhD) .....	C		
• Postdocs with <b>doctoral degree type unknown</b> .....	D		
<b>Total Postdocs</b> (determined from 5A) <sup>1</sup> .....	E		

Please explain significant differences from the 2021 survey or provide other comments here.

<sup>1</sup> Shaded row and column totals will be automatically calculated if you are responding on the GSS Web survey.

**5C3**

Please report the number of postdocs in this organizational unit in fall 2022 by origin of doctoral degree.

Origin of Doctoral Degree	Total <sup>1</sup>
• Postdocs who received their doctoral degree in the <b>United States</b> (including Puerto Rico and the U.S. territories) .....	A
• Postdocs who received their doctoral degree in a <b>foreign country</b> .....	B
• Postdocs with origin of doctoral degree <b>unknown</b> .....	C
<b>Total Postdocs</b> (sum Rows A–C) <sup>1</sup> .....	D

Please explain significant differences from the 2021 survey or provide other comments here.

<sup>1</sup> Shaded row and column totals will be automatically calculated if you are responding on the GSS Web survey.

**6**

Please report the number of other doctorate-holding nonfaculty researchers in this organizational unit in fall 2022 by sex and type of doctoral degree. This includes individuals who are not considered postdocs or members of the faculty and who are primarily involved in research.

- Check this box if this unit had no other doctorate-holding nonfaculty researchers
- Check this box if this unit had other doctorate-holding nonfaculty researchers but you cannot provide any information about them

Type of Doctoral Degree	Nonfaculty Researchers		
	Male 1	Female 2	Total <sup>1</sup> 3
• Nonfaculty researchers with a <b>professional degree</b> (e.g., MD, DVM, DO, DDS).....	A		
• Nonfaculty researchers with a <b>doctoral degree</b> (e.g., PhD, ScD, DEng) .....	B		
• Nonfaculty researchers with <b>both professional and doctoral degree</b> (e.g., MD-PhD, DVM-PhD) .....	C		
• Nonfaculty researchers with <b>doctoral degree type unknown</b> .....	D		
<b>Total Nonfaculty Researchers</b> (sum Rows A–D) <sup>1</sup> .....	E		

Please explain significant differences from the 2021 survey or provide other comments here.

<sup>1</sup> Shaded row and column totals will be automatically calculated if you are responding on the GSS Web survey.

## Glossary

**Citizenship:** Count individuals as either U.S. citizens and permanent residents or as foreign nationals holding temporary visas. Do not count foreign students living outside the United States.

- **U.S. citizens and permanent residents:** U.S. citizens, including those from Puerto Rico and the U.S. territories, and permanent residents holding green cards.
- **Foreign nationals holding temporary visas:** Individuals in the United States on temporary visas. Individuals who are native residents of Puerto Rico or a U.S. territory, or permanent residents holding green cards, should be included under U.S. citizens and permanent residents. Non-U.S. citizens without temporary visas who reside outside the U.S. and who are enrolled in an online degree program at a U.S. institution should be excluded. Do not report foreign nationals by ethnicity or race.

**Classification of Instructional Programs (CIP):** This is an academic discipline taxonomy maintained by the U.S. Department of Education's National Center for Education Statistics (NCES). CIP codes are used for the Integrated Postsecondary Education Data System (IPEDS) data collections. Completion of IPEDS surveys is mandatory for all institutions that participate in federal Title IV funding. If you are unfamiliar with these codes or are uncertain whether or not these codes exist on your campus, you may find it helpful to contact the institutional research office on your campus.

**Department of Agriculture:** Financial support from the U.S. Department of Agriculture (USDA) includes research assistants working on projects financed out of agency formula funds, competitive research grants, and institution fellowship and training grants.

**Department of Defense:** Financial support from the U.S. Department of Defense (DOD) including the Departments of the Army, Navy, and Air Force, as well as other programs within DOD.

**Department of Energy:** Financial support from the U.S. Department of Energy (DOE) research grants, including those supported by grants at the DOE National Laboratories.

**Doctoral degree (for postdocs):** Includes doctorates such as PhD, ScD, DSc, DEng, DESc, DES, DNSc, DPH, EdD, DA, DBA, DMA, DM, DSW, DDES, DPA, DPE, DCM, DHL, DIT, DME, DML, ThD, DFA, JSD, SJD, STD, and JCD.

**Ethnicity:** The U.S. Office of Management and Budget defines ethnicity separately from race (see separate entry for Race). In this survey, ethnicity refers to whether an individual is of Hispanic or Latino descent—a person of

Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race. Also see Hispanic/Latino ethnicity, one or more races.

**Federal sources of support:** Financial support provided by the federal agencies listed. For graduate students, count students primarily supported by federally guaranteed student loans (student's own resources) as self-supported. See additional entries for the [Department of Defense](#), the [Health and Human Services](#), the [National Science Foundation](#), the [Department of Agriculture](#), and the [Department of Energy](#).

**Fellowship:** A competitive award (often from a national competition) to a graduate student or a postdoc.

**First-time enrollment:** First-time graduate students are those enrolled for graduate-degree credit in your organizational unit for the first time in the fall of the reporting year. This may include graduate students previously enrolled in another graduate degree program at your institution or at another institution. It may also include students who already hold another graduate or professional degree. Only count full-time, first-time students in these columns.

**Foreign nationals holding temporary visas:** Individuals in the United States on temporary visas. Individuals who are native residents of Puerto Rico or a U.S. territory, or permanent residents holding green cards, should be included under U.S. citizens and permanent residents. Non-U.S. citizens without temporary visas who reside outside the United States and who are enrolled in an online degree program at a U.S. institution should be excluded. Do not report foreign nationals by ethnicity or race.

**Full-time student:** Use your institution's policy and definition to count full-time students.

**GSS (Survey of Graduate Students and Postdoctorates in Science and Engineering):** An annual survey collecting information about graduate enrollment, postdoctoral researchers, and doctoral degree-holding nonfaculty researchers in science, engineering, and selected health fields. Jointly sponsored by NSF and NIH, the GSS provides a comprehensive picture of the training of future scientists, engineers, and health professionals in U.S. graduate schools.

**Health and Human Services (HHS):** Report financial support from the institutes or divisions of the National Institutes of Health (NIH) under HHS-NIH Only. Report support from all other components of the U.S. Department of Health and Human Services (HHS) under HHS-Other than NIH. See [HHS—National Institutes of Health \(NIH\) Only](#) and [HHS—Other than NIH](#).

**HHS–National Institutes of Health (NIH) Only:**

Financial support received from the following organizations within the National Institutes of Health (NIH):

- John E. Fogarty International Center
- National Cancer Institute
- National Center for Advancing Translational Sciences
- National Center for Complementary and Integrative Health
- National Eye Institute
- National Heart, Lung, and Blood Institute
- National Human Genome Research Institute
- National Institute of Allergy and Infectious Diseases
- National Institute of Arthritis and Musculoskeletal and Skin Diseases
- National Institute of Biomedical Imaging and Bioengineering
- National Institute of Child Health and Human Development
- National Institute of Dental and Craniofacial Research
- National Institute of Diabetes and Digestive and Kidney Diseases
- National Institute of Environmental Health Sciences
- National Institute of General Medical Sciences
- National Institute of Mental Health
- National Institute of Neurological Disorders and Stroke
- National Institute of Nursing Research
- National Institute on Aging
- National Institute on Alcohol Abuse and Alcoholism
- National Institute on Deafness and Other Communication Disorders
- National Institute on Drug Abuse
- National Institute on Minority Health and Health Disparities
- National Library of Medicine
- NIH Office of the Director

**HHS—other than NIH:** Other than NIH, the U.S. Department of Health and Human Services (HHS) includes the following organizations:

- Administration for Children and Families
- Agency for Healthcare Research and Quality
- Agency for Toxic Substances and Disease Registry
- Centers for Disease Control and Prevention
- Centers for Medicare & Medicaid Services
- Health Resources and Services Administration

- Indian Health Service
- National Institute for Occupational Safety and Health
- Substance Abuse and Mental Health Services Administration
- U.S. Food and Drug Administration

**Highest degree offered:** The highest degree granted (Master's degree, PhD or PhD-equivalent degree) by the organizational unit.

**Hispanic/Latino ethnicity, one or more races:** Only report ethnicity for U.S. citizens (including those from Puerto Rico and U.S. territories). All foreign nationals holding temporary visas should be reported appropriately. Include all individuals of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race. Count all individuals who are Hispanic/Latino, or Hispanic/Latino and any other race(s), in this category.

**ID:** A unique identifier assigned to each user for the purpose of logging into the GSS online data collection system. Also referred to as User ID.

**Institutional, state/local government support:**

Financial support (such as stipends or tuition) provided by the institution or state or local governments. This category includes students receiving tuition waivers.

**Largest or primary mechanism of support:** The mechanism of funding that provides the largest amount (highest percentage) of financial support for each graduate student or postdoc. If a student or postdoc is supported by two or more equal mechanisms of support, select one as the primary.

**Largest or primary source of support:** The source of funds that provides the largest amount (highest percentage) of financial support for each graduate student or postdoc. When determining the largest source of support for graduate students, consider all graduate school academic expenses (tuition, fees, etc.). If a student or postdoc is supported by two or more equal sources of support, select one as the primary.

**Master's degree:** A postbaccalaureate, research-focused degree; includes MA, MS, MASc, and PSM in GSS-eligible disciplines.

Please report students based on the highest eligible degree program in which the student is enrolled. If a student is enrolled in multiple eligible degree programs at the same level (e.g., two master's programs in GSS-eligible fields), count the student in their primary degree program only. If a primary degree program cannot be established, please report under only one of the GSS-eligible programs.

**National Aeronautics and Space Administration (NASA):** Report individuals who receive financial aid from this agency.

**National Science Foundation:** Financial support from the U.S. National Science Foundation (NSF) graduate fellowships and traineeships, as well as support under NSF research grants.

**Nonfaculty researchers:** All doctorate-holding researchers who are (1) not considered either postdoctoral researchers or members of the faculty and (2) involved principally in science and engineering or health-related research activities. Also referred to as Other doctorate-holding nonfaculty researchers.

**Nonfederal sources of support:** Support from state and local government; support from your institution, such as tuition waivers and stipends; support from foreign sources, such as foreign governments, foreign firms, and agencies of the United Nations; and other U.S. sources, such as support from nonprofit institutions, private industry, and all other nonfederal U.S. sources

**Non-Hispanic/Latino ethnicity:** Count only individuals who are not of Hispanic or Latino descent as a specific race (i.e., Asian, White, Black/African American) in Rows C-I. Individuals who are Hispanic/Latino, or Hispanic/Latino and any other race, should be counted as Hispanic/Latino ethnicity (one or more races) should be counted in Row B.

- **One race, Black or African American:** A person of only one race having origins in any of the Black racial groups of Africa.
- **One race, American Indian or Alaska Native:** A person of only one race having origins in any of the original peoples of North and South America (including Central America) and who maintains tribal affiliation or community attachment.
- **One race, Asian:** A person of only one race having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent; for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippines, Thailand, and Vietnam.
- **One race, Native Hawaiian or Other Pacific Islander:** A person of only one race having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific islands.
- **One race, White:** A person of only one race having origins in any of the original peoples of Europe, the Middle East, or North Africa.
- **More than one race reported (non-Hispanic/Latino):** A person reporting two or more of the race categories listed earlier. Individuals who report being Hispanic/Latino and one or more race should be reported as Hispanic/Latino ethnicity (one or more races) instead in Row B.

**Organizational unit (unit):** This term refers to the names of the organizational units where graduate students, postdoctoral researchers, and other doctoral degree-

holding nonfaculty researchers are enrolled and/or work. A unit can be a teaching unit, research unit, or both a teaching and a research unit. Also see Research unit and Teaching unit. Units are often departments, institutes, centers, labs, or degree programs.

**Other doctorate-holding nonfaculty researchers:** All doctorate-holding researchers who are (1) not considered either postdoctoral researchers or members of the faculty and (2) involved principally in science and engineering or health-related research activities. Also referred to as Nonfaculty researchers.

**Other federal sources:** Financial support from U.S. federal agencies not listed elsewhere. Examples are the Fulbright Program (State Department), the GI Bill (Department of Veterans Affairs) and various programs in the Department of Education.

**Other support:** All other mechanisms of financial support for graduate students or postdocs.

**Other U.S. sources:** Financial support from industrial firms, nonprofit institutions (e.g., independent research institutes, professional societies, philanthropic foundations), and all other sources of support originating within the United States. It does not include loans, family money, personal savings used by students supporting themselves, or federal or academic institutional sources of support.

**Part-time graduate student:** Use your own institution's policy and definition to count part-time students.

**Password:** Used with the user ID for the purpose of logging into the GSS Web Survey. The password may be changed by the user by clicking on "change password" in the menu at the top of the screen. The new password must be at least eight characters in length and include a combination of upper- and lowercase letters, numbers, and symbols. School coordinators can resend password and ID information to unit respondents on the "Send or Resend ID/Password" screen. See ID.

**Personal resources (for postdocs):** Personal and family financial resources, including federal and other loans.

**PhD or PhD equivalent degree:** An advanced, research-focused academic degree—typically the highest degree granted in a particular field; includes doctorates such as PhD, ScD, DSc, DEng, DESc, DES, DNSc, DPH, EdD, DA, DBA, DMA, DM, DSW, DDES, DPA, DPE, DCM, DHL, DIT, DME, DML, ThD, DFA, JSD, SJD, STD, and JCD.

Please report students based on the highest eligible degree program in which the student is enrolled. If a student is enrolled in multiple eligible degree programs at the same level (e.g., two doctorate programs in GSS-eligible fields), count the student in their primary degree program only. If a primary degree program cannot be



established, please report under only one of the GSS-eligible programs.

**Postdoctoral researcher (or postdoc):** The definition of a postdoc varies by institution. Please use your institution's definition of a postdoc. NSF defines a postdoc as meeting both of the following qualifications:

1. Holds a recent doctoral degree, generally awarded within the last 5–7 years, such as
  - PhD or PhD equivalent (e.g., ScD or DEng),
  - a professional degree in a medical or related field (MD, DDS, DO, DVM), or
  - a foreign degree 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.

**Professional degree:** PhD-equivalent medical degrees, such as MD, DO, DVM, DDS, DNP, DPM, PharmD, PsyD, DMD, ND, DC, OD, DPT, AuD, OTD, and DScPT.

**Puerto Rico and U.S. territories:** U.S. territories include American Samoa, Guam, Federated States of Micronesia, the Northern Marianas, and the U.S. Virgin Islands.

**Race/ethnicity:** Only report race for U.S. citizens (including those from Puerto Rico and U.S. territories) and permanent residents. All foreign nationals holding temporary visas should be reported appropriately in Row A. The U.S. Office of Management and Budget defines race separately from ethnicity (please see entries for Ethnicity and Hispanic/Latino ethnicity, one or more races). The GSS uses the following definitions of race:

- **One race, Black or African American:** A person of only one race having origins in any of the Black racial groups of Africa.
- **One race, American Indian or Alaska Native:** A person of only one race having origins in any of the original peoples of North and South America (including Central America) and who maintains tribal affiliation or community attachment.
- **One race, Asian:** A person of only one race having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent; for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippines, Thailand, and Vietnam.
- **One race, Native Hawaiian or Other Pacific Islander:** A person of only one race having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific islands.

- **One race, White:** A person of only one race having origins in any of the original peoples of Europe, the Middle East, or North Africa.
- **More than one race reported (non-Hispanic/Latino):** A person reporting two or more of the race categories listed earlier. Individuals who report being Hispanic/Latino and one or more race should be reported as Hispanic/Latino ethnicity (one or more races) instead.
- **Race/ethnicity unknown or not stated:** Use this category if neither the race nor the ethnicity of the individual is known. If the race is known, but the ethnicity is unknown, report the individual by race. If the individual is Hispanic or Latino, but the race is unknown, report the individual as Hispanic/Latino in Row B.

**Research assistantship:** A financial award given to a graduate student where most of the student's responsibilities are devoted primarily to research assistant activities.

**Research grant:** A financial assistance award given to an organization or an individual postdoc that supports specific research goals.

**Research unit:** Research centers, health care facilities, and other organizations at the academic institution that appoint postdoctoral researchers and/or employ doctorate-holding nonfaculty researchers. Also see Organizational unit and Teaching unit.

**School coordinator:** Person responsible for completing the GSS for the entire school or a portion of the institution. This coordinator reports data including student enrollment as well as information regarding postdoc and NFR employees.

**Self-support:** Report students primarily supported by loans (including federal loans) or personal or family financial contributions.

**Student's own resources:** Personal and family financial resources, including federal and other loans.

**Teaching assistantship:** A financial award given to a graduate student where most of the student's responsibilities are devoted primarily to teaching assistant activities.

**Teaching unit:** Departments or programs that grant graduate-level degrees including master's, PhD, or PhD-equivalent degrees (i.e., ScD, DEng). Do not include units that grant only professional degrees. Also see Research unit and Organizational unit.

**Traineeship:** A financial award given to a graduate student or a postdoc selected by the institution.

**Unit:** See Organizational unit.

**Unit respondent:** Person(s) responsible for reporting unit data to the school coordinator or postdoc coordinator.

**Unknown or not stated:** Use this category if the sources of financial support for the postdoc are unknown or cannot be determined.

**User ID:** A unique identifier assigned to each user for the purpose of logging into the GSS online data collection system. Also referred to as ID.

**U.S. citizens and permanent residents:** U.S. citizens, including those from Puerto Rico and the U.S. territories, and permanent residents holding green cards.

## **THANK YOU**

Please submit the information on this worksheet via data upload to the  
GSS Web survey at  
<https://nsfgss.org/2022>.

Or

Return your completed worksheet(s) to your School Coordinator in time to meet  
the February 28, 2023 deadline.

If your School Coordinator asks you to return your worksheet(s) directly by mail,  
please send to:

NSF-NIH GSS Survey  
c/o RTI International  
3040 Cornwallis Road, P.O. Box 12194  
Research Triangle Park, NC 27709-2194

### **Questions?**

Call Jennifer Pauli toll-free at 1-866-558-0781,  
or e-mail us at [gss@rti.org](mailto:gss@rti.org).