Attachment D3

AISL Monitoring System Screenshots: OPMS Annual Survey

Annual Report Screenshots



Section Menu Print Glossary Help Downloads Sign out

This annual update has been authorized by the National Science Foundation. While you are not required to respond, your cooperation will ensure that the results of this monitoring system are comprehensive, accurate, and timely.

INSTRUCTIONS FOR COMPLETING THE ISE ANNUAL UPDATE

Project ID: 50002 Award Type: Test Project

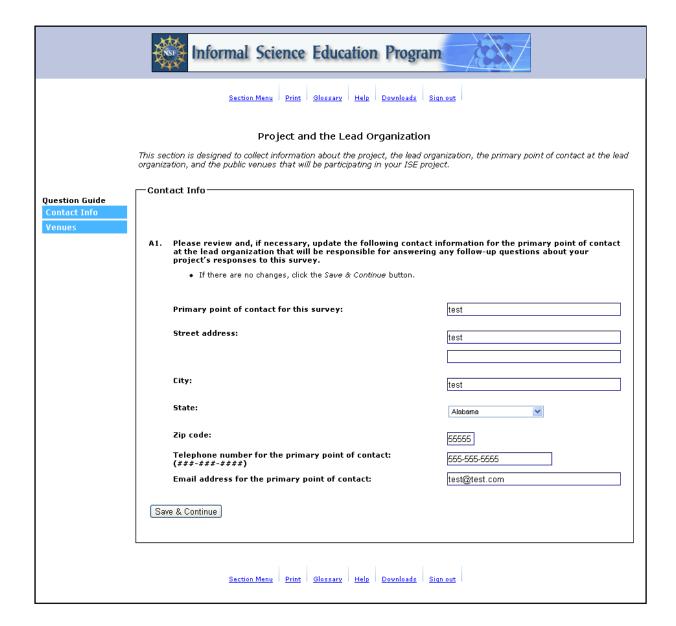
The National Science Foundation (NSF) is collecting information annually from all of its Informal Science Education (ISE) projects. The purpose is to obtain data that can be used to evaluate the collective impact of the ISE portfolio of funded projects, to monitor participants' activities and accomplishments, and to obtain information that can inform the design of future ISE efforts.

You should call your Westat contact person or email isehelp@westat.com if you have any questions about how to respond to a particular item.

For guidance in using this system, click the *Help* link at the top or bottom of the screen. This will take you to a description of how to navigate the system, as well as additional information about how to address specific items.

Please complete each of the following sections of the Annual Update as they pertain to your ISE project. More than one person can log into the survey and enter information. You may complete the sections in any order. When you have started a section, the status will change to *Incomplete*. When you have completed a section, the status will change to *Complete*. Once all sections are complete, a *Final Submit* button will appear at the bottom of the page. Select the *Final Submit* button to complete and submit your survey.

	Status
Section A: Project and the Lead Organization	Complete
Section B: Key Personnel for the Project Team	Incomplete
Section C: Organizational Partners	Incomplete
Section D: Products, Programs, or Experiences for Public Audiences	Incomplete
Section E: Products, Programs, or Experiences for Professional Audiences	Complete
Section F: Formative and Summative Evaluation Questions	Complete
Section G: Project Accomplishments and Lessons Learned	Complete
Annual Submission Status: Not complete	



Project and the Lead Organization

This section collects information about the lead organization for your project, which is defined as the lead fiscal agent for your ISE project.

Question Guide

Contact Info Venues -Venues-

A2. Please review and, if necessary, update information about previously entered public venues in the table below. If applicable, please add new public venues in which your project will reach public or professional audiences.

STEP 1: Update previously entered public venues.

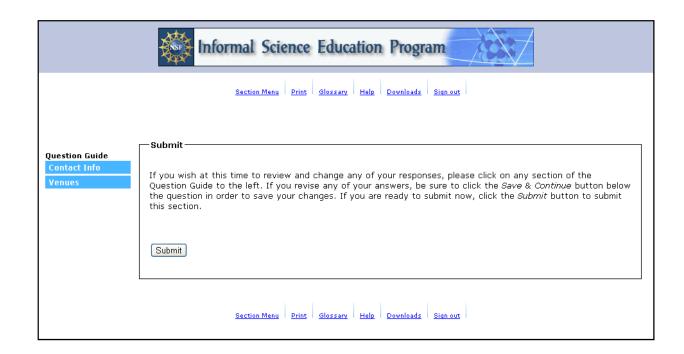
- For each previously entered public venue, select an option from the drop-down menu in the Venue use in the past calendar year column and click the "update" button.
- You cannot delete previously entered venues. Instead, select "No longer part of project" from the drop-down menu in the Venue use in the past calendar year column and click the "update" button.

STEP 2: Add new public venues.

- For the purposes of this collection, public venue refers to a physical public setting in which public or professional
 audiences will convene to participate in an ISE-related product, program, or experience.
- To add a public venue to the table below, enter the venue name and zip code in the text boxes and select a venue type. Then, click the Add button in the right-hand column of the table.
- After you have added a venue to the table, use the Update button to change information about it or use the Delete
 button to remove it.

Public Venue Name	Public Venue Zip Code	Public Venue Type	Venue use in the past calendar year	
test	55555	Other (specify): test	Not used in past year 💌	Update
test 2	22d22	History or art museum	No longer part of project	Edit Delete
		Select venue type Other (specify):	Select venue use	Add

Save & Continue



Key Personnel for the Project Team

This section collects information about each PI, co-PI, named advisor, key team member, and consultant that makes substantial contributions to your ISE project and that has an ongoing relationship in the development of project deliverables. If you have questions concerning who would qualify as key personnel for the project team, please call your Westat contact person or email is help lowestat.com.

Use the table below to review information about previously entered personnel and, if applicable, add information for new project

STEP 1: Click on each previously entered key person to review information.

- Review information about each individual to confirm that it is correct. To review and update information on an individual listed below, click on his or her name in the column titled Name of Individual.
- If an individual is no longer a part of your project, check the box in the column titled "No longer key personnel" and click
 the "Edit" button.

STEP 2: Add new key personnel.

- To add a member of your project team, type the individual's name in the text box in the Name of Individual column. Then, click the Add button in the right-hand column of the table.
- After the individual is added to the table, click on his or her name in the Name of Individual column to access and complete
 a set of questions for the individual.
- To delete a new individual, click the "Delete" button in the appropriate row.

Name of Individual	Information Status	No longer key personnel	
<u>PI</u>	Complete		Edit
Co-PI	Complete		Edit
Creative Director	Complete		Edit
<u>asdf</u>	Not Started		Delete
			Add

If you have completed adding and updating information on the individual members of your project team, please click the Submit button.

Submit

Key Personnel for the Project Team

— Question B1-B4 Name: PI

Please review and, if necessary, update the following contact information for this individual.

- B1. With what organization is this individual affiliated? (If no organization, enter "not applicable.")
- B2. Which of the following best describes the organization with which this individual is affiliated?
 - Please select one organization type.

• If there are no changes, click on the Save & Continue button.

- If your organization is a division or department of a larger entity (e.g., a museum within a university), you should also provide
 information below about your division or department (as opposed to the larger entity) by selecting one division/department
 type.
- Select Not Applicable for both the organization and division if the individual is not affiliated with an organization.
- Select Not Applicable for division/department if there is no separate division within the organization.
- If the organization type for a given organization is not listed on the table below, select "other" (under Other) and provide
 specific information as to how the organization type should be coded. The information you provide will help us develop new
 organization codes for future collections.

	Organization	Division/ department
Informal Learning Institution/Organization		
Arboretum or botanical garden	0	0
Children's museum	0	0
History or art museum	0	0
Natural history museum	0	0
Science-technology center or museum	0	0
Nature or interpretive center	0	0
Planetarium or fulldome theater	0	0
Zoo or a combined zoo/aquarium	0	0
Aquarium only	0	0
Library	0	0
Theater or theater organization	0	0
Community organization	0	0
Youth organization/after-school organization	0	0
Other informal learning institution/organization (specify)		
sdfg	0	•
Media Design and Production		
Exhibit design/fabrication firm/entity	0	0
Planetarium show production firm/entity	0	0
Independent film or media production firm/entity	0	0
Print media production firm/entity	0	0
Radio station or organization	0	0
Television station or organization	0	0
Website design firm/entity	0	0
Software design firm/entity	0	0
Digital/interactive media design and production firm/entity	0	0
Other media design/production (specify)	0	0
Educational Institution		
Pre-K-12 district/school (including charter schools and private schools)	0	0
2-year college or community college	0	0
4-year college or university	0	0
Other educational institution (specify)		0
Educational Support Services		
Educational or STEM materials development firm/entity	0	0
Educational or STEM research firm/entity	0	0
Other educational support services (specify)	•	0
test	•)
Other		
Public or government agency	0	0
Evaluation or research firm/entity	0	0
National or regional association or professional organization	0	0
Other (specify)	0	0
Not Applicable		
Not Applicable (i.e., the individual is not affiliated with an organization)	0	0

B3. 1	What role will this individual assume on your project?	(Select one Primary Role and as many Secon-	dary Roles as apply.)
-------	--------------------------------------------------------	---------------------------------------------	-----------------------

	Primary Role (select one)	Secondary Role (select all that apply)
Principal investigator	•	
Co-principal investigator	0	~
Program management	0	~
Committee member/chair	0	~
Content specialist	0	~
Materials design or development (e.g., film producer, curriculum writer, exhibit designer)	0	V
Advisor/consultant	0	V
Marketing and/or outreach (e.g., program promoter, exhibit public relations, participant recruitment)	0	V
Educator/programming provider (e.g., exhibit guide, after school leader)	0	V
Trainer	0	~
External evaluator	0	~
Researcher	0	V
Other (specify) dfg	0	V

B4. Please provide the following contact information for this individual:

Zip code:	asdf
Telephone number:	333-333-3333
Email address:	test@test.com

Save & Continue

Key Personnel for the Project Team

-Question	ne no
Question	50-50
Name	: asdf
В5.	With what organization is this individual affiliated? (If no organization, enter "not applicable.")
50.	The significant state of the significant state
В6.	Which of the following best describes the organization with which this individual is affiliated?
во.	which of the following best describes the organization with which this individual is affiliated?
	Please selectione organization type.

- If your organization is a division or department of a larger entity (e.g., a museum within a university), you should also provide
 information below about your division or department (as opposed to the larger entity) by selecting one division/department
 type.
- Select Not Applicable for both the organization and division if the individual is not affiliated with an organization.
- Select Not Applicable for division/department if there is no separate division within the organization.

	Organization	Division/ department
Informal Learning Institution/Organization		
Arboretum or botanical garden	0	0
Children's museum	0	0
History or art museum	0	0
Natural history museum	0	0
Science-technology center or museum	0	0
Nature or interpretive center	0	0
Planetarium or fulldome theater	0	0
Zoo or a combined zoo/aquarium	0	0
Aquarium only	0	0
Library	0	0
Theater or theater organization	0	0
Community organization	0	0
Youth organization/after-school organization	0	0
Other informal learning institution/organization (specify)		
	0	0
Media Design and Production		
Exhibit design/fabrication firm/entity	0	0
Planetarium show production firm/entity	0	0
Independent film or media production firm/entity	0	0
Print media production firm/entity	0	0
Radio station or organization	0	0
Television station or organization	0	0
Website design firm/entity	0	0
Software design firm/entity	0	0
Digital/interactive media design and production firm/entity	0	0
Other media design/production (specify)	0	0
Educational Institution		
Pre-K-12 district/school (including charter schools and private schools)	0	0
2-year college or community college	0	0
4-year college or university	0	0
Other educational institution (specify)		0
Educational Support Services		
Educational or STEM materials development firm/entity	0	0
Educational or STEM research firm/entity	0	0
Other educational support services (specify)		
	0	0
Other		
Public or government agency	0	0
Evaluation or research firm/entity	0	0
National or regional association or professional organization	0	0
Other (specify)	0	0
Not Applicable		
Not Applicable (i.e., the individual is not affiliated with an organization)	0	0

Principal investigator Co-principal investigator Program management Committee member/chair Content specialist Materials design or development (e.g., film producer, curriculum writer, exhibit designer) Advisor/consultant Marketing and/or outreach (e.g., program promoter, exhibit public relations, participant recruitment) Educator/programming provider (e.g., exhibit guide, after school leader) Trainer External evaluator Researcher Other (specify) BBB. Please provide the following contact information for this individual: Zip code: Telephone number: Email address:			Primary Role (select one)	Secondary Ro (select all the apply)
Program management Committee member/chair Content specialist Materials design or development (e.g., film producer, curriculum writer, exhibit designer) Advisor/consultant Marketing and/or outreach (e.g., program promoter, exhibit public relations, participant recruitment) Educator/programming provider (e.g., exhibit guide, after school leader) Trainer External evaluator Researcher Other (specify) Please provide the following contact information for this individual: Zip code: Telephone number:		Principal investigator	0	
Committee member/chair Content specialist Materials design or development (e.g., film producer, curriculum writer, exhibit designer) Advisor/consultant Marketing and/or outreach (e.g., program promoter, exhibit public relations, participant recruitment) Educator/programming provider (e.g., exhibit guide, after school leader) Trainer External evaluator Researcher Other (specify) Please provide the following contact information for this individual: Zip code: Telephone number:		Co-principal investigator	0	
Content specialist Materials design or development (e.g., film producer, curriculum writer, exhibit designer) Advisor/consultant Marketing and/or outreach (e.g., program promoter, exhibit public relations, participant recruitment) Educator/programming provider (e.g., exhibit guide, after school leader) Trainer External evaluator Researcher Other (specify) Please provide the following contact information for this individual: Zip code: Telephone number:		Program management	0	
Materials design or development (e.g., film producer, curriculum writer, exhibit designer) Advisor/consultant Marketing and/or outreach (e.g., program promoter, exhibit public relations, participant recruitment) Educator/programming provider (e.g., exhibit guide, after school leader) Trainer External evaluator Researcher Other (specify) Please provide the following contact information for this individual: Zip code: Telephone number:		Committee member/chair	0	
Advisor/consultant Marketing and/or outreach (e.g., program promoter, exhibit public relations, participant recruitment) Educator/programming provider (e.g., exhibit guide, after school leader) Trainer External evaluator Researcher Other (specify) Please provide the following contact information for this individual: Zip code: Telephone number:		Content specialist	0	
Marketing and/or outreach (e.g., program promoter, exhibit public relations, participant recruitment) Educator/programming provider (e.g., exhibit guide, after school leader) Trainer External evaluator Researcher Other (specify) Please provide the following contact information for this individual: Zip code: Telephone number:		Materials design or development (e.g., film producer, curriculum writer, exhibit designer)	0	
recruitment) Educator/programming provider (e.g., exhibit guide, after school leader) Trainer External evaluator Researcher Other (specify) Please provide the following contact information for this individual: Zip code: Telephone number:		Advisor/consultant	0	
Trainer External evaluator Researcher Other (specify) Delase provide the following contact information for this individual: Zip code: Telephone number:			0	
External evaluator Researcher Other (specify) Please provide the following contact information for this individual: Zip code: Telephone number:		Educator/programming provider (e.g., exhibit guide, after school leader)	0	
Researcher Other (specify) Please provide the following contact information for this individual: Zip code: Telephone number:		Trainer	0	
Other (specify) Please provide the following contact information for this individual: Zip code: Telephone number:		External evaluator	0	
Please provide the following contact information for this individual: Zip code: Telephone number:		Researcher	0	
Zip code: Telephone number:		Other (specify)	0	
	8.	Researcher Other (specify) Please provide the following contact information for this individual: Zip code:	0	

Organizational Partners

In this section, please provide information about each of your organizational partners. For the purposes of the OPMS, this includes project partners, sub-awardees, and co-funders (who provide at least 10% of the total project budget). If you have questions concerning who would qualify as an organizational partner please call your Westat contact person or email isehelp@westat.com.

Use the table below to review information about previously entered organizational partners, and if necessary, add information for new organizational partners. If your project has no organizational partners, check the box below the table.

STEP 1: Click on each previously entered organizational partner to review information.

- Review information about each organizational partner to confirm that it is correct. To review and update information on an
 organization listed below, click on the organization's name in the column titled Partner Organization.
- If an organizational partner is no longer a part of your project, check the box in the column titled "No longer an
 organizational partner" and click the "Edit" button.

STEP 2: Add new organizational partners.

- To add a new organizational partner, enter the organization's name in the text box in the Partner Organization column. Then, click the Add button in the right-hand column.
- Click the organization's name in the Partner Organization column to access and complete a set of questions for that
 organization.
- Do not include formative or summative evaluators here. You will enter information about evaluators in **Section F: Formative and Summative Evaluation Questions.**
- If a venue is also an organizational partner, please enter the information about this venue in this section and in Section A:
 Project and the Lead Organization. If the venue is not an organizational partner, please only enter the information in Section A.

Partner Organization	Partner Primary Contact	Information Status	No longer an organizational partner	
<u>test</u>		Incomplete		Delete
				Add

This project has no organizational partners.

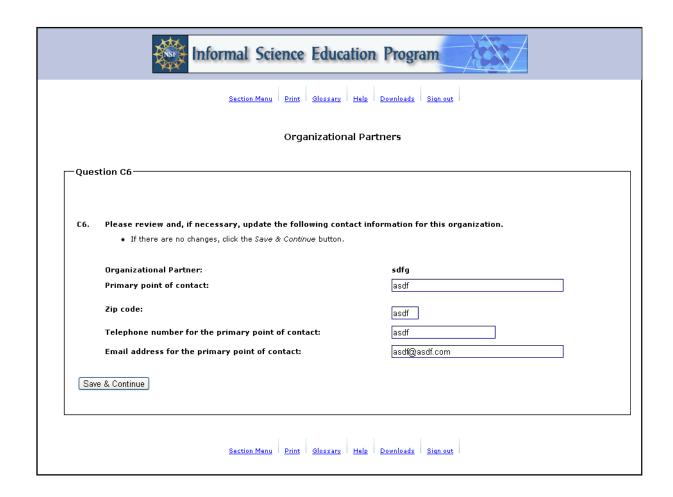
If you have completed adding and updating your organization's partners, or if you have no organizational partners, please click the Submit button.

Submit

Organizational Partners Question C1-C5-C1. Organization name: Division/department: (If no division/department, enter "not applicable.") C3. Which of the following best describes this organization (or division within an organization)? • Please select one organization type. • If the organization is a division or department of a larger entity (e.g., a museum within a university), you should also provide information below about the division or department (as opposed to the larger entity) by selecting one division/department type. • If there is no division/department for this organization, select Not Applicable. If the organization type for a given organization is not listed on the table below, select "other" (under Other) and provide specific information as to how the organization type should be coded. The information you provide will help us develop new organization codes for future collections. Division/ department Organization Informal Learning Institution/Organization Arboretum or botanical garden 0 0 Children's museum 0 \bigcirc History or art museum \circ 0 Natural history museum Science-technology center or museum 0 0 Nature or interpretive center 0 Planetarium or fulldome theater

Planetarium or fulldome theater	0	
Zoo or a combined zoo/aquarium	0	0
Aquarium only	0	0
Library	0	0
Theater or theater organization	0	0
Community organization	0	0
Youth organization/after-school organization	0	0
Other informal learning institution/organization (specify)		0
Media Design and Production		
Exhibit design/fabrication firm/entity	0	0
Planetarium show production firm/entity	0	0
Independent film or media production firm/entity	0	0
Print media production firm/entity	0	0
Radio station or organization	0	0
Television station or organization	0	0
Website design firm/entity	0	0
Software design firm/entity	0	0
Digital/interactive media design and production firm/entity	0	0
Other media design/production (specify)	0	0
Educational Institution		
Pre-K-12 district/school (including charter schools and private schools)	0	0
2-year college or community college	0	0
4-year college or university	0	0
Other educational institution (specify)	0	0
Educational Support Services		
Educational or STEM materials development firm/entity	0	0
Educational or STEM research firm/entity	0	0
Other educational support services (specify)	0	0
Other		
Public or government agency	0	0
Evaluation or research firm/entity	0	0
National or regional association or professional organization	0	0
Other (specify)	0	0
Not Applicable		

C4.	What role will this organization assume on your project?
65	Olean musical sharfall miles and a disformation for this constraint.
C5.	Please provide the following contact information for this organization:
	Primary point of contact:
	Zip code:
	Telephone number for the primary point of contact:
	Email address for the primary point of contact:
Sav	ve & Continue



Products, Programs, or Experiences for Public Audiences

This section collects information about each public audience deliverable that your project is designed to produce. Public audience deliverables are products, programs, or experiences that target public audiences for self-directed learning in informal settings. If your project has deliverables that target public audiences, select "Yes" to D1 to enter the public audience deliverable section. If your project does <u>roof</u> have any public audience deliverables, select "No" and proceed to **Section E: Deliverables for Professional Audiences.**

NOTE: Before selecting an answer for D1, please note that this section *does not* collect information about products, programs, or experiences that target <u>professional</u> audiences. Deliverables for professional audiences should *only* be added in **Section E: Deliverables for Professional Audiences.**

D1. Does your project have any deliverables for public a	: audiences?
----------------------------------------------------------	--------------

Yes

O No

Save & Continue

Products, Programs, or Experiences for Public Audiences

Question Guide Deliverable List

-Deliverable List –

Use the tables below to review and update information about previously entered public audience deliverables and, if necessary, add information for new public audience deliverables.

The information collected for each deliverable is very important, and you should carefully consider your response to
each item. The information you provide will maximize the ISE program's capacity to report on specific trends and
accomplishments at the program, project, and deliverable levels.

STEP 1: In the first table below, review and update previously entered deliverables.

- To review and update information on a deliverable, click on the deliverable name in the column titled Previously Entered Deliverable Name.
- Clicking on the deliverable name will bring you to a set of questions about deliverable accomplishments between January 1st and December 31st of the previous year.

STEP 2: In the second table below, add new public audience deliverables.

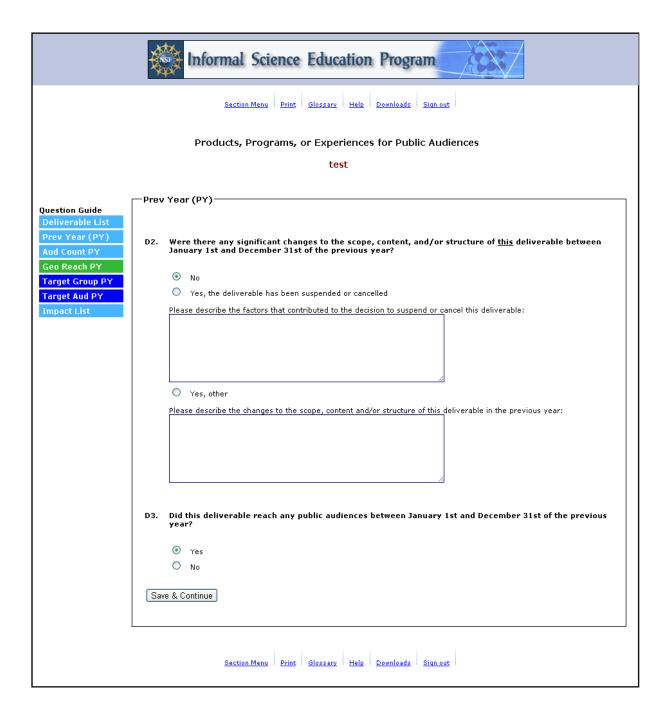
- To add a deliverable, enter the deliverable name in the text box in the New Deliverable Name column. Then, click the
 Add button in the right-hand column of the table.
- Your project will likely have multiple deliverables (e.g., a museum exhibit and a website). You should enter the name of
 each deliverable that was not entered in a previous report. <u>Click here</u> to review the OPMS list of public audience
 deliverable types. If your deliverable type is not included on this list, you can enter it in an "Other" category when you
 provide information about the deliverable type.
- . After you add a deliverable, click on the deliverable name in the New Deliverable Name column.
- Clicking on the deliverable name will bring you to a set of questions about the expected deliverable accomplishments
 over the course of the ISE grant as well as actual deliverable accomplishments between January 1st and December
 31st of the previous year.

Previously Entered Deliverable Name	Information Status
<u>test</u>	Complete

New Deliverable Name	Information Status	
test 2	Complete	Delete
test 3	Incomplete	Delete
		Add

If you have completed adding and updating the public audience deliverables, please click the Submit button.

Submit



Products, Programs, or Experiences for Public Audiences

test

Question Guide

Deliverable List Prev Year (PY)

Aud Count PY

Geo Reach PY

Target Group PY
Target Aud PY

Impact List

-Aud Count PY-

D4a. In the table below, please select the method(s) that were used to deliver <u>this</u> product, program, or experience to your public audiences between January 1st and December 31st of the previous year.

For each selected delivery method, provide the number of individuals that you reached with $\it this$ deliverable in the previous year.

If possible, provide an <u>unduplicated count</u> of the number of individuals that used a given delivery method to listen, view, read, and/or use <u>this</u> deliverable between January 1st and December 31st of the previous year. *If you are only providing an unduplicated count, please leave the duplicated count field blank*.

Click here for the ISE definition of unduplicated counts.

In cases where it is not possible to provide an unduplicated count for a given delivery method, provide a <u>duplicated count</u> of the number of individuals that listened to, viewed, read, and/or used <u>this</u> deliverable. If you are only providing a <u>duplicated count</u>, please leave the unduplicated count field blank.

Click here for the ISE definition of duplicated counts.

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

	Delivery Methods for Audio or Video	Unduplicated Count	Duplicated Count	Unable to determine at this time
	DVD or CD-ROM			
	Accessed at an exhibit (e.g., video segment that appears in a museum exhibit)			
~	AM/FM/HD/satellite radio	65	65	
	Television (e.g., network or cable)			
	Theater at an informal science education institution (e.g., IMAX theater in a museum, planetarium)			
	Commercial theater (e.g., movie theater)			
	Theater in another setting (e.g., community center)			
	Fulldome			
	Project website: Video/Audio that can be accessed or downloaded (e.g., as a podcast) from <u>your project</u> website			
	Non-project website: Video/Audio that can be accessed or downloaded (e.g., as a podcast) on other <u>non-project</u> websites (e.g., YouTube or social networking site)			
	Other (specify)			

Save & Continue



	Section Menu Print Glossary Help Downloads Sign out
	Products, Programs, or Experiences for Public Audiences
	test
Question Guide Deliverable List Prev Year (PY) Aud Count PY Geo Reach PY Target Group PY Target Aud PY Impact List	D5. Which of the following best describes the actual geographic reach of the public audiences that accessed or used this deliverable between January 1st and December 31st of the previous year? (Check one.) Single community or metropolitan region Select even if the community or metropolitan region spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia). Multiple communities within a single state or U.S. territory Select if the deliverable reached public audiences in two or more communities or metropolitan regions within a single state (e.g., a radio program that will be broadcast in Los Angeles and San Francisco). Multiple states and or U.S. territories Do not select if the deliverable only reached a public audience in a single metropolitan area that spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and
	Specify in how many states and/or territories this deliverable reached public audiences between January 1st and December 31st of the previous year: 55 D6. Were any steps taken to target this deliverable to an international public audience outside of the United States and U.S. territories between January 1st and December 31st of the previous year? No Yes If Yes, please describe the steps that were taken to reach international public audiences with this deliverable during the past year: sdfg Save & Continue
	Section Menu Print Glossary Help Downloads Sign out

Products, Programs, or Experiences for Public Audiences

test

Question Guide

Deliverable List Prev Year (PY)

Aud Count PY

Target Group PY

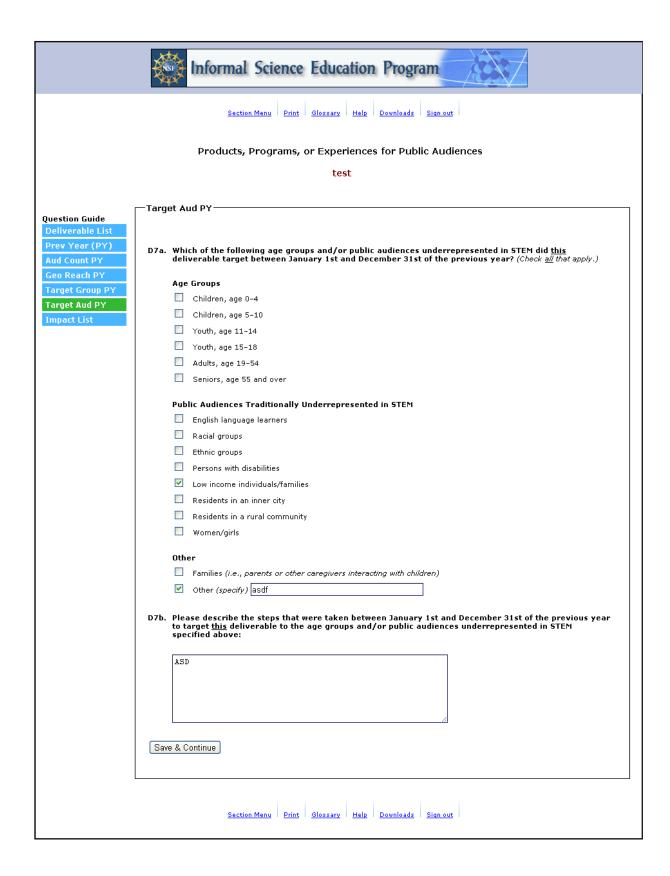
Target Aud PY

Impact List

-Target Group PY:

- D7. Which of the following best describes the public audience(s) that were targeted by this deliverable between January 1st and December 31st of the previous year? (Check one.)
 - For the purposes of this item, target group refers to (1) a specific age group (e.g., youth, age 5-10), (2) caregivers interacting with their children, and/or (3) public audiences traditionally underrepresented in STEM.
 - The general public only (i.e., there was NO effort to direct this deliverable toward a specific target group)
 - The general public AND specific target groups (i.e., the deliverable targeted BOTH the general public AND one or more specific target groups)
 - A specific target group only (i.e., the deliverable targeted a specific target group(s)—but <u>NOT</u> the general public)

Save & Continue



Products, Programs, or Experiences for Public Audiences

Question Guide

Aud Count PY Geo Reach PY

Target Group PY

Impact List

Target Aud PY

-Impact List-

D8. Please review and update each impact for this deliverable and, if necessary, add new impacts this deliverable is designed to achieve with your public audiences.

STEP 1: Review and update previously entered impacts.

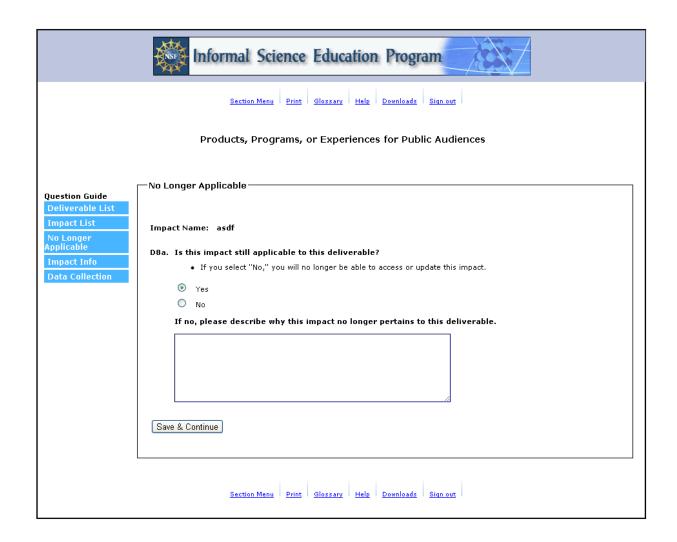
• To review and update the impact(s) for this deliverable, click on the impact statement in the Impact column.

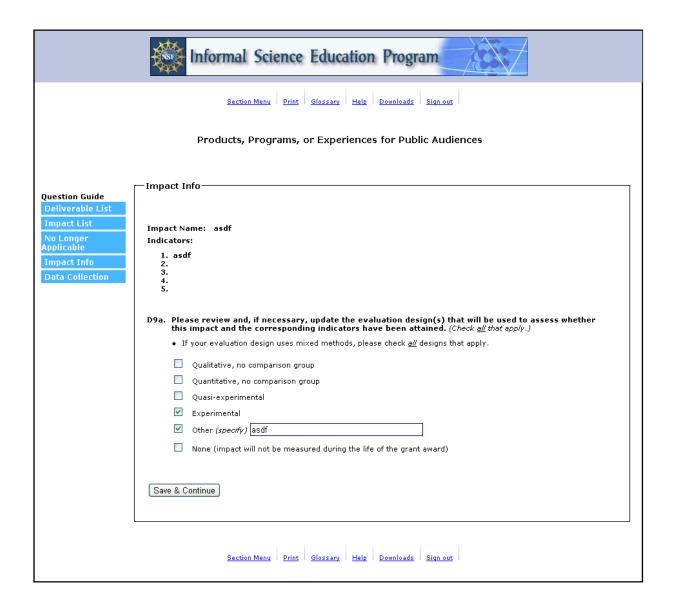
STEP 2: Add new impacts.

- To add an impact, enter the impact statement in the text box in the *Impact* column. Then, click the *Add* button in the right-hand column of the table.
- For definitions and examples related to impacts, see the Impacts and Indicators PowerPoint in the [Help] link.
- After you add an impact, the impact statement becomes a link to a set of questions for that particular impact.
 Click on the impact statement in the Impact column to access and complete the questions for that impact.

Impact	Information Status	Impact No Longer Applicable	
<u>asdf</u>	Complete		
<u>test</u>	Complete		Delete
			Add

Save & Continue





Products, Programs, or Experiences for Public Audiences Data Collection **Question Guide** Impact Name: asdf No Longer Applicable Indicators: 1. asdf 2. 3. 4. 5. **Data Collection** D9b. Please review and, if necessary, update the data collection methods that your project will use to determine if this impact and the corresponding indicators have been attained. (Check <u>all</u> that apply.) • In responding to this item, please indicate whether the data collection activity will occur (1) **prior** to the ISE deliverable/activity, (2) **during/at the end of** the ISE deliverable/activity, and/or (3) at some point **after** the ISE deliverable/activity. When data will be collected Prior to the During/at Prior to the ISE the end of the ISE deliverable/ activity deliverable/ deliverable/ **Data Collection Activity** activity activity activity Administrative/participation data Museum attendance (e.g., for specific exhibits) Program attendance (e.g., number participating in youth programs/professional development sessions) Number of viewers (e.g., for a movie, radio program, or television show) Website hits School records (e.g., grades, test scores, course enrollment) Other administrative/participation data (specify) Data collected via the web/email Ouestionnaire/survey Formal assessment/test Focus groups Web logs by study subjects Other data collected via the web/email (specify) Data collected via telephone Questionnaire/survey Formal assessment/test Focus groups Interviews Other data collected via telephone (specify)

Data collected <u>AT</u> informal science education venues/programs						
Questionnaire/survey						
Formal assessment/test						
Focus groups						
Interviews (e.g., exit interviews)						
Tracking and timing studies						
Direct observations of visitors'/participants'/ educators' conversations and/or behavior						
Recording visitors'/participants'/educators' conversations and/or behavior						
Diaries/journals/records maintained by study subjects while at the informal science education venue/program						
Problem-solving tasks/sorting tasks/drawing tasks/concept maps						
Learner artifacts						
Think-aloud techniques/protocols						
Other data collected AT informal science education venues/programs (specify)						
Data collected OUTSIDE of informal science education venues/other education	al settings	(e.g., in a				
Data collected <u>OUTSIDE</u> of informal science education venues/other education participant's home)	al settings	(e.g., in a				
Data collected <u>OUTSIDE</u> of informal science education venues/other education participant's home) Questionnaire/survey	al settings	(e.g., in a				
Data collected <u>OUTSIDE</u> of informal science education venues/other education participant's home) Questionnaire/survey Formal assessment/test	al settings	(e.g., in a				
Data collected <u>OUTSIDE</u> of informal science education venues/other education participant's home) Questionnaire/survey Formal assessment/test Focus groups	al settings	(e.g., in a				
Data collected QUTSIDE of informal science education venues/other education participant's home) Questionnaire/survey Formal assessment/test Focus groups Interviews Direct observations of study subjects' conversations/behavior outside of the informal science venue/program Diaries/journals/records maintained by study subjects outside of the informal science education venue/program	al settings	(e.g., in a				
Data collected OUTSIDE of informal science education venues/other education participant's home) Questionnaire/survey Formal assessment/test Focus groups Interviews Direct observations of study subjects' conversations/behavior outside of the informal science venue/program Diaries/journals/records maintained by study subjects outside of the informal science	al settings	(e.g., in a				
Data collected OUTSIDE of informal science education venues/other education participant's home) Questionnaire/survey Formal assessment/test Focus groups (Interviews Direct observations of study subjects' conversations/behavior outside of the informal science venue/program Diaries/journals/records maintained by study subjects outside of the informal science education venue/program Other data collected OUTSIDE of informal science venues/other educational settings	al settings	(e.g., in a				

Products, Programs, or Experiences for Public Audiences

	pact Info
ist	
Im	pact Name: test
n D9	c. Please indicate the appropriate category for this particular impact.
	 For impact category definitions and examples, please see the Impacts and Indicators PowerPoint in the [Help] lin
	Awareness, knowledge, or understanding of a STEM concept or topic
	Engagement or interest in a STEM concept or topic
	Attitude regarding a STEM concept or topic
	O Behavior regarding a STEM concept or topic
	O Skills regarding a STEM concept or topic
	Other (specify)
D9	d. What indicators will you use to determine whether this impact was achieved?
	See the Impacts and Indicators PowerPoint in the [Help] link for additional details on project indicators.
	1. sdfg
	2.
	3.
	4.
	5.
	Δ
D9	e. Which of the following evaluation designs will be used to assess whether this impact and the corresponding indicators have been attained? (Check all that apply.)
	If your evaluation design uses mixed methods, please check <u>all</u> designs that apply.
	Oualitative, no comparison group
	Quantitative, no comparison group Quasi-experimental
	✓ Experimental
	Other (specify)
	None (impact will not be measured during the life of the grant award)
5	lave & Continue

Products, Programs, or Experiences for Public Audiences Data Collection Question Guide Deliverable List Impact Name: test D9f. Which of the following data collection methods will be used to assess whether \underline{this} impact and the corresponding indicators have been attained? (Check \underline{all} that apply.) • In responding to this item, please indicate whether the data collection activity will occur (1) **prior** to the ISE deliverable/activity, (2) **during/at the end of** the ISE deliverable/activity, and/or (3) at some point **after** the ISE deliverable/activity. When data will be collected Prior to the During/at At some the end of point after **Data Collection Activity** ISE the ISE the ISE deliverable, deliverable/ activity activity activity Administrative/participation data Museum attendance (e.g., for specific exhibits) Program attendance (e.g., number participating in youth programs/professional development sessions) Number of viewers (e.g., for a movie, radio program, or television show) Website hits School records (e.g., grades, test scores, course enrollment) Other administrative/participation data (specify) Data collected via the web/email Ouestionnaire/survey Formal assessment/test Focus groups Web logs by study subjects Other data collected via the web/email (specify) Data collected via telephone Questionnaire/survey Formal assessment/test Focus groups Interviews

Other data collected via telephone (specify)

Questionnaire/survey			
Focus groups			
Interviews (e.g., exit interviews)			
Tracking and timing studies			
Direct observations of visitors/participants// educators/ conversations and/or behavior			
Recording visitors'/participants'/educators' conversations and/or behavior			
Diaries/journals/records maintained by study subjects while at the informal science education venue/program			
Problem-solving tasks/sorting tasks/drawing tasks/concept maps			
Learner artifacts			
Think-aloud techniques/protocols			
Think-aloud techniques/protocols Other data collected <u>AT</u> informal science education venues/programs (specify)			
Other data collected <u>AT</u> informal science education venues/programs (specify) Data collected OUTSIDE of informal science education venues/other education			
Other data collected <u>AT</u> informal science education venues/programs (specify) Data collected <u>OUTSIDE</u> of informal science education venues/other education participant's home)	nal settings	(e.g., in a	
Other data collected <u>AT</u> informal science education venues/programs (specify) Data collected <u>OUTSIDE</u> of informal science education venues/other education participant's home) Questionnaire/survey	nal settings	(e.g., in a	
Other data collected <u>AT</u> informal science education venues/programs (specify) Data collected <u>OUTSIDE</u> of informal science education venues/other education participant's home) Questionnaire/survey Formal assessment/test	nal settings	(e.g., in a	
Other data collected AT informal science education venues/programs (specify) Data collected OUTSIDE of informal science education venues/other education participant's home) Questionnaire/survey Formal assessment/test Focus groups	nal settings	(e.g., in a	
Other data collected AT informal science education venues/programs (specify) Data collected OUTSIDE of informal science education venues/other education participant's home) Questionnaire/survey Formal assessment/test Focus groups Interviews Direct observations of study subjects' conversations/behavior outside of the informal	nal settings	(e.g., in a	
Other data collected AT informal science education venues/programs (specify) Data collected OUTSIDE of informal science education venues/other education participant's home) Questionnaire/survey Formal assessment/test Focus groups Interviews Direct observations of study subjects' conversations/behavior outside of the informal science venue/program Diaries/journals/records maintained by study subjects outside of the informal science education venue/program Other data collected OUTSIDE of informal science venues/other educational settings	anal settings	(e.g., in a	
Other data collected AT informal science education venues/programs (specify) Data collected OUTSIDE of informal science education venues/other education participant's home) Questionnaire/survey Formal assessment/test Focus groups Interviews Direct observations of study subjects' conversations/behavior outside of the informal science venue/program Diaries/journals/records maintained by study subjects outside of the informal science education venue/program	nal settings	(e.g., in a	

Products, Programs, or Experiences for Public Audiences

test 2

ible List		
Info D10	 Please indicate the deliverable type that best describes this product, program, or experience. (Sele one.) 	ct
e Count	Audio and Video	
Info	Planetarium show (at one or more public venues)	0
hic Reach	Full-length film/movie	0
Group	Television segment/episode/program/series	0
udience	Video segment/clip/program/series (that does <u>not</u> originate on television or full-length film/movie)	0
roup Data	Radio segment/episode/program/series (that originates on AM/FM/HD/satellite radio)	0
	Audio segment/episode/program/series (that does <u>not</u> originate on radio)	0
List		
ar (PY) nt PY	Other audio or video (specify)	
	Exhibits (not including virtual exhibits)	
ich PY	Permanent exhibit (create/revise exhibit at one or more public venues)	0
Group PY	Temporary exhibit (create/revise exhibit at one or more public venues)	0
iud PY	Traveling exhibit (create/revise traveling exhibit at two or more public venues)	0
	Other exhibit (specify)	0
	Programs, Events, and Activities	
	After-school or summer program for youth (e.g., at a youth or community center)	0
	Science café	0
	Group/club (e.g., astronomy club)	0
	Group-oriented program (e.g., family nights at a museum)	0
	Festival or other one-time/annual event	0
	Theater production or performance	0
	Research and/or data collection BY citizen scientists	0
	Other program or event (specify)	0
	Resource Materials and Information Sharing	
	Blog/newsletter	0
	Newspaper/magazine (article or entire publication)	0
	Discussion group/forum (e.g., face-to-face or online)	0
	Presentation BY STEM/other professionals for the general public (e.g., lectures by scientists or other STEM professionals at museums or other public venues)	0
	Presentation BY informal learners (e.g., seminar by citizen scientists describing findings from their research or data)	0
	Research paper or issue brief (e.g., paper prepared by citizen scientists describing findings from their research or data)	0
	Informational guides (e.g., family guides that help explain key concepts in a museum exhibit)	0
	Demonstration/activity kit/guide (with supplies and/or instructions to perform experiments or activities)	0
	Other resource materials (specify)	0
	Infrastructure Development or Enhancement for Facilitated Communication Wiki website (e.g., allows creation and editing of interlinked web pages via a web browser using a simplified	
	markup language)	0
	Database on project website (e.g., database to collect data from citizen scientists)	0
	Database on non-project website (e.g., developing the capacity to contribute to an existing database)	0
	Other infrastructure (specify)	0
	Games and Information and Communication Technologies	
	Game (e.g., mobile online games, massively multiplayer online games, console games, board games)	0
	Social virtual world (e.g., computer-based simulated environments such as Second Life)	0
	Simulation (e.g., a virtual museum exhibit, a simulation of a scientific phenomenon)	0
	Application for mobile/wireless device (e.g., GPS or iPhone/iPad application)	0
	Other information and communication technology (specify)	0
	Project Website	
	Project Website	•
	Project Website Other	•

Save & Continue

Products, Programs, or Experiences for Public Audiences

test 2

Question Guide

Deliverable List

Audience Count

Droject Info

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Target Group

Target Audience

Target Group Data

Impact List

Prev Year (PY)

Aud Count PY

Geo Reacii P I

Target Aud PY

-Audience Count

D11a. In the table below, please select the method(s) that will be used to deliver <u>this</u> product, program, or experience to your public audiences.

For each selected delivery method, provide your best estimate of the number of individuals that you expect to reach with this deliverable over the course of the ISE grant award period.

If possible, provide an <u>unduplicated count</u> of the number of individuals that are expected to use a given delivery method to listen, view, read, and/or use <u>this</u> deliverable during the ISE grant award period. If you are only providing an unduplicated count, please leave the duplicated count field blank.

Click here for the ISE definition of unduplicated counts.

In cases where it is not possible to provide an unduplicated count for a given delivery method, provide a <u>duplicated</u> count of the number of individuals that will listen, view, read, and/or use <u>this</u> deliverable. If you are only providing a duplicated count, please leave the unduplicated count field blank.

Click here for the ISE definition of duplicated counts.

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

Delivery Methods for Audio or Video	Unduplicated Count	Duplicated Count	Unable to determine at this time
DVD or CD-ROM			
Accessed at an exhibit (e.g., video segment that appears in a museum exhibit)			
AM/FM/HD/satellite radio			
Television (e.g., network or cable)			
Theater at an informal science education institution (e.g., IMAX theater in a museum, planetarium)			
Commercial theater (e.g., movie theater)			
Theater in another setting (e.g., community center)			
Fulldome			
Project website: Video/Audio that can be accessed or downloaded (e.g., as a podcast) from vour project website			
Non-project website: Video/Audio that can be accessed or downloaded (e.g., as a podcast) on other <u>non-project</u> websites (e.g., YouTube or social networking site)			
Other (specify)			

Save & Continue



Products, Programs, or Experiences for Public Audiences

test 2

Question Guide

Deliverable List

Deliverable Type

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Aud Count PY

Geo Reach PY

Target Group P

Target Aud PY

Audience Count

D11c. In the table below, please select the method(s) that will be used to deliver <u>this</u> product, program, or experience to your public audiences.

For each selected delivery method, provide your best estimate of the number of individuals that you expect to reach with *this* deliverable over the course of the ISE grant award period.

If possible, provide an <u>unduplicated count</u> of the number of individuals that are expected to use a given delivery method to listen, view, read, and/or use <u>this</u> deliverable during the ISE grant award period. If you are only providing an unduplicated count, please leave the duplicated count field blank.

Click here for the ISE definition of unduplicated counts.

In cases where it is not possible to provide an unduplicated count for a given delivery method, provide a <u>duplicated count</u> of the number of individuals that will listen, view, read, and/or use <u>this</u> deliverable. If you are only providing a <u>duplicated count</u>, please leave the unduplicated count field blank.

Click here for the ISE definition of duplicated counts.

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

Delivery Methods for Programs, Events, and Activities		Unduplicated Count	Duplicated Count	Unable to determine at this time
	In-person or field-based activity (e.g., students at an after- school/summer program, adults attending a science café at a public venue, scientists taking questions at a museum)			
	Real-time online discussion group and/or videoconferencing (e.g., Skype)			
	Project website: Accessed/used/downloaded from <u>your project</u> website			
	Non-project website: Accessed/used/downloaded on other <u>non-project</u> websites (e.g., social networking sites)			
	Mobile/wireless device (e.g., submitting data on a cell phone via texting)			
	Other (specify)			

Save & Continue

Products, Programs, or Experiences for Public Audiences

test 2

Question Guide

Deliverable List <u>Deliver</u>able Type

Audience Count

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Geographic Reach

Target Group

Target <u>Audience</u>

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Prev Year (PY)

Aud Count PY

Geo Reach PY

Target Group PY

Target Aud PY

-Audience Count

D11d. In the table below, please select the method(s) that will be used to deliver <u>this</u> product, program, or experience to your public audiences.

For each selected delivery method, provide your best estimate of the number of individuals that you expect to reach with *this* deliverable over the course of the ISE grant award period.

If possible, provide an <u>unduplicated count</u> of the number of individuals that are expected to use a given delivery method to listen, view, read, and/or use <u>this</u> deliverable during the ISE grant award period. If you are only providing an unduplicated count, please leave the duplicated count field blank.

Click here for the ISE definition of unduplicated counts.

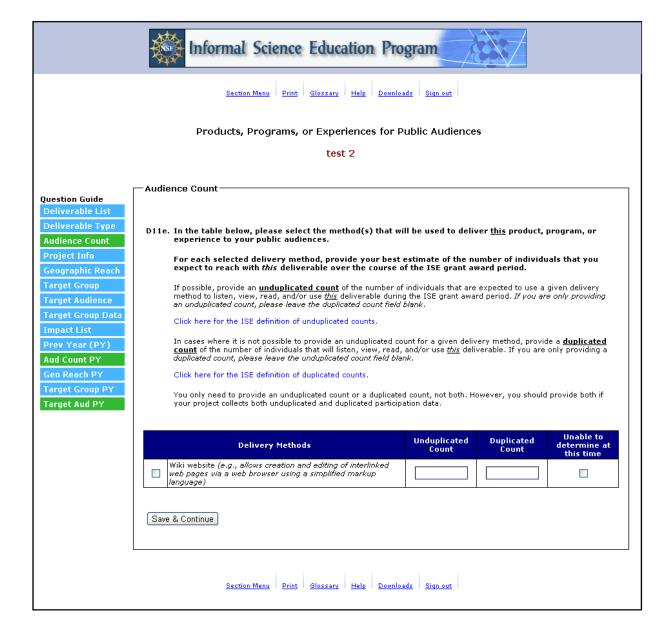
In cases where it is not possible to provide an unduplicated count for a given delivery method, provide a <u>duplicated count</u> of the number of individuals that will listen, view, read, and/or use <u>this</u> deliverable. If you are only providing a <u>duplicated count</u>, please leave the unduplicated count field blank.

Click here for the ISE definition of duplicated counts.

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

Delivery Methods for Resource Materials and Information Sharing		Unduplicated Count	Duplicated Count	Unable to determine at this time
	Printed hard copy materials			
	Project website: Accessed/used/downloaded from your project website			
	Non-project website: Accessed/used/downloaded on other non- project websites (e.g., social networking sites)			
	In-person or field-based activity (e.g., informal learners attending a lecture by scientists at a museum or participating in a forum)			
	Real-time online discussion group and/or videoconferencing (e.g., Skype)			
	Physical materials (e.g., manipulatives)			
	Mobile/wireless device			
	Other (specify)			

Save & Continue



Products, Programs, or Experiences for Public Audiences

test 2

Question Guide

Deliverable Type

Audience Count

Geographic Reach

Target Group

Target Audience

Prev Year (PY)

Aud Count PY

Geo Reach PY

Target Aud PY

Click here for the ISE definition of unduplicated counts.

Click here for the ISE definition of duplicated counts.

Audience Count

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

D11f. In the table below, please select the method(s) that will be used to deliver <u>this</u> product, program, or experience to your public audiences.

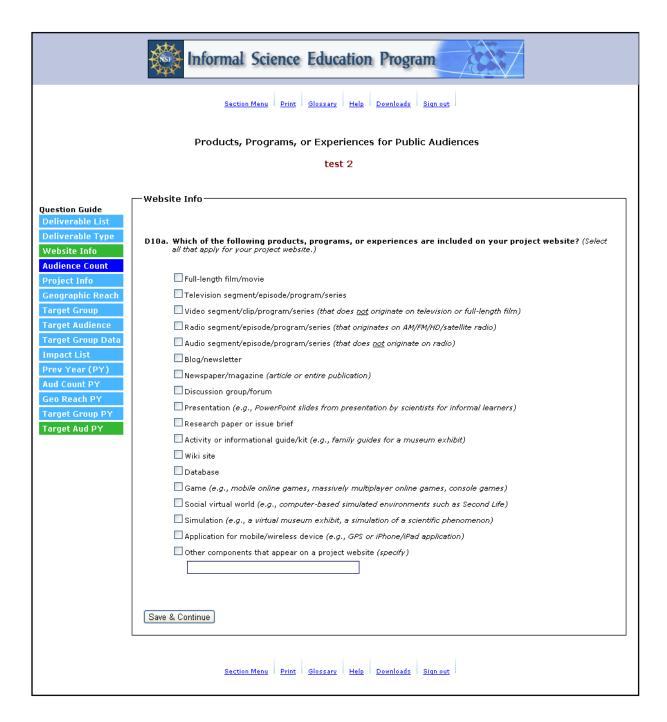
For each selected delivery method, provide your best estimate of the number of individuals that you expect to reach with *this* deliverable over the course of the ISE grant award period.

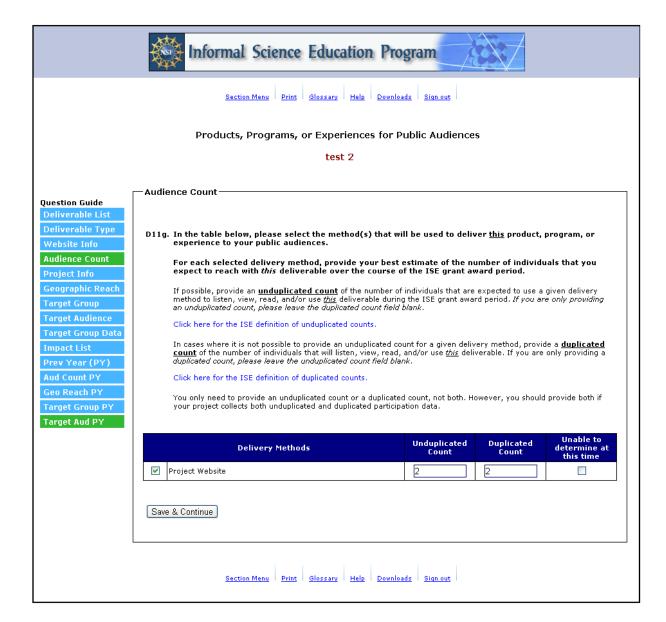
If possible, provide an <u>unduplicated count</u> of the number of individuals that are expected to use a given delivery method to listen, view, read, and/or use <u>this</u> deliverable during the ISE grant award period. If you are only providing an unduplicated count, please leave the duplicated count field blank.

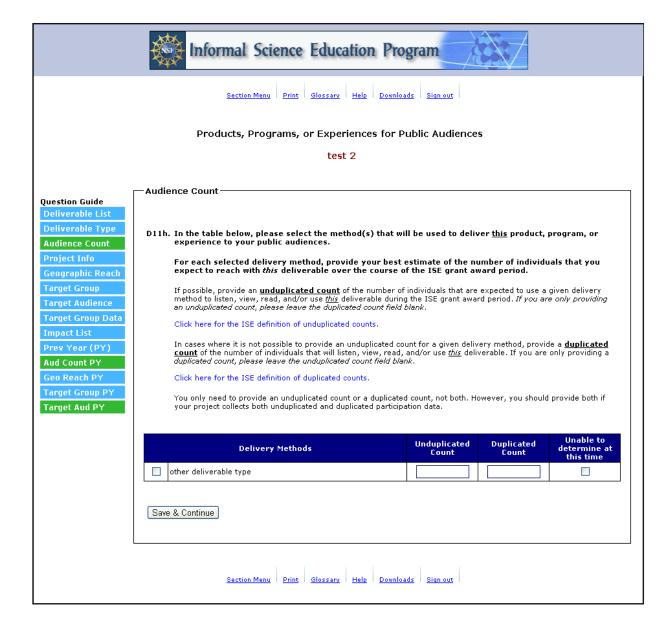
In cases where it is not possible to provide an unduplicated count for a given delivery method, provide a <u>duplicated count</u> of the number of individuals that will listen, view, read, and/or use <u>this</u> deliverable. If you are only providing a <u>duplicated count</u>, please leave the unduplicated count field blank.

Delivery Methods for Games and Information and Communication Technologies	Unduplicated Count	Duplicated Count	Unable to determine at this time
Project website: Accessed/used/downloaded from your project website			
Non-project website: Accessed/used/downloaded on other non- project websites (e.g., social networking sites)			
Exhibit: Accessed/used at an exhibit (e.g., at a kiosk in a museum exhibit)			
Downloaded to computer or other device			
DVD or CD-ROM			
Video game			
Board game			
Mobile/wireless device (e.g., GPS, iPad)			
Other (specify)			

Save & Continue







Products, Programs, or Experiences for Public Audiences

test 2

— Drois	net Info			
estion Guide eliverable List	ect Info			
eliverable Type	Please provide a brief description (i.e., 2-3 sentences) of this deliverable	le.		
udience Count	· · · · · · · · · · · · · · · · · · ·			
roject Info eographic Reach	 Include information about any specific public audiences that will be targeted by unique or innovative features of the deliverable that are worth noting (e.g., the 			
rget Group	asdf			
rget Audience				
get Group Data				
act List	//			
v Year (PY)		_		
	Please indicate whether <u>this</u> deliverable is a primary or secondary focus	s of your o	verall ISE	project.
Reach PY	Primary focus (i.e., at least 25 percent of your overall ISE project effort in te	61. 1	. 17	
get Group PY	• • • • • • • • • • • • • • • • • • • •	_	•	•
get Aud PY	 Secondary focus (i.e., less than 25 percent of your overall ISE project effort 	in terms of	budget and	l/or staff time
	 Which of the following are the primary and secondary STEM content foci This item focuses exclusively on the STEM content that is being conveyed by th 			
	is looking to educate public audiences about).		- (
	 Check up to two primary STEM content foci for this deliverable. Check all rema that apply for this deliverable. 	ining second	lary STEM o	content foci
	NSF Division STEM Content Area		Primary	Secondary
	Biological Sciences			
	Environmental Biology			
	Integrative Organismal Systems			
	Molecular and Cellular Biosciences		>	
	Other biological sciences (specify) asdf		~	
	Computer and Informational Sciences			
	Computer and Network Systems			
	Intelligent Systems and Robotics			
	Other computer and informational sciences (specify)			
	Engineering			
	Chemical, Bioengineering, Environmental, Transport Systems			
	Civil, Mechanical and Manufacturing Innovation			
	Electrical, Communications and Cyber Systems			
	Other engineering (specify)			
	Geosciences			
	Atmospheric Sciences			

Other geosciences (specify)

Earth Sciences

Ocean Sciences

Astronomical Sciences		
Chemistry		
Materials Research		
Mathematical Sciences		
Physics		
Other math and physical sciences (specify)		
Social, Behavioral and Economic Sciences		
Behavioral and Cognitive Sciences		
Human and Social Dynamics		
Science of Learning		
Science Resource Statistics		
Social and Economic Sciences		
Other social, behavioral and economic sciences (specify)		
	_	_
Other		
Other (specify)		
Other (specify) Is this deliverable interdisciplinary (i.e., does it integrate concepts across multipareas)? No Yes If Yes, please describe the steps taken to make this deliverable interdisciplinary		
Other (specify) Is this deliverable interdisciplinary (i.e., does it integrate concepts across multipareas)? No Yes		



Section Menu | Print | Glossary | Help | Downloads | Sign out |

	test 2
	Geographic Reach
estion Guide	
eliverable List	
dience Count	D16. Which of the following best describes the anticipated geographic reach of the public audiences that will ultimately access or use this deliverable? (Check one.)
oject Info	diamater, decess of dec <u>and</u> deliverable. (order only)
ographic Reach	Single community or metropolitan region
get Group	Select even if the community or metropolitan region spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia).
get Audience	Multiple communities within a single state or U.S. territory
get Group Data	Select if the deliverable will reach public audiences in two or more communities or metropolitan regions within a single state (e.g., a radio program that will be broadcast in Los Angeles and San Francisco).
act List	
v Year (PY)	Multiple states and or U.S. territories Do not select if the deliverable will only reach a public audience in a single metropolitan area that spans multiple
Count PY	states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia).
Reach PY	
get Group PY	Specify in how many states and/or territories you anticipate reaching public audiences:
get Aud PY	D17. Will any steps be taken to target <u>this</u> deliverable to international public audiences outside of the United
	States and U.S. territories?
	No.
	If Yes, please describe the steps that will be taken to reach international public audiences with this deliverable:
	Save & Continue

Products, Programs, or Experiences for Public Audiences

test 2

Question Guide

Deliverable List

Audience Count

Project Info

Geographic Reach

Target Group

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Target Group Date

Prev Year (PY)

Aud Count PY

Target Group PY

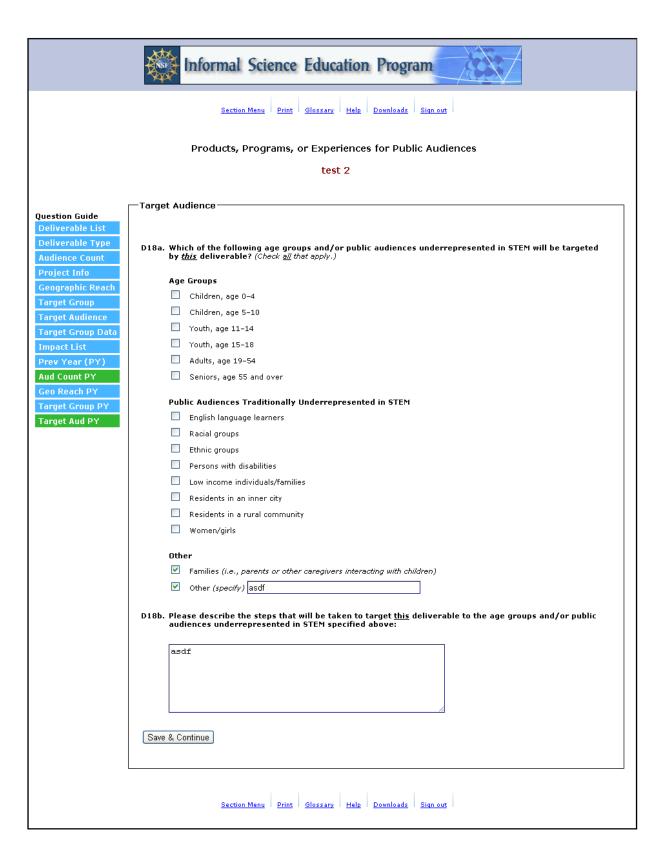
Target Aud PY

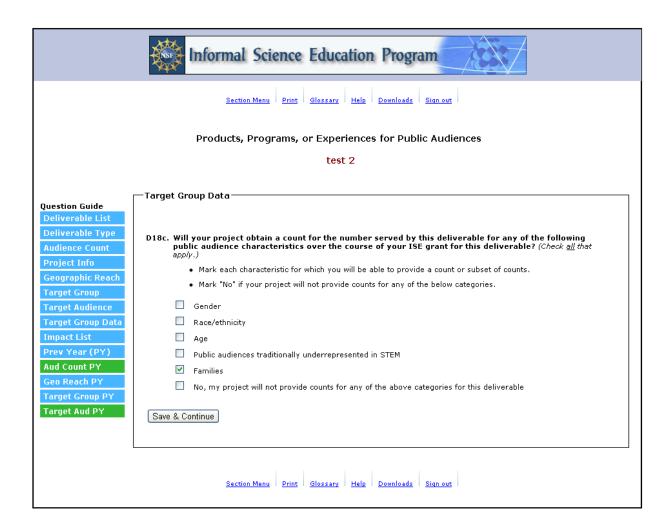
Target Group

D18. Which of the following best describes the public audience(s) that will be targeted by this deliverable? (Check one.)

- For the purposes of this item, target group refers to (1) a specific age group (e.g., youth, age 5-10), (2) caregivers interacting with their children, and/or (3) public audiences traditionally underrepresented in STEM.
- The general public only (i.e., there will be NO effort to direct this deliverable toward a specific target group)
- The general public AND specific target groups (i.e., the deliverable is intended for BOTH the general public AND one or more specific target groups)
- igoplus A specific target group only (i.e., the deliverable is intended for a specific target group(s)—but NOT the general public)

Save & Continue





Products, Programs, or Experiences for Public Audiences

test 2

Question Guide

Deliverable List

Deliverable Type

Audience Count

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Target Group

Farnet Group Data

Impact List

Prev Year (PY)

Aud Count PY

Geo Reach PY

Target Group PY
Target Aud PY

-Impact List-

D19. Please provide information about the anticipated impacts of this deliverable on your public audiences.

Use the table below to generate a list of impacts this deliverable is designed to achieve with your public audiences. Once you have created this list, you will answer a set of questions for each of these impacts.

If this deliverable will not impact public audiences, select the box below the table.

STEP 1: Generate a list of impacts.

- To add an impact, enter the impact statement in the text box in the Impact column. Then, click the Add button in the right-hand column of the table.
- You will be able to add or delete impacts at a later date.
- For definitions and examples related to impacts, see the Impacts and Indicators PowerPoint in the [Help] link.

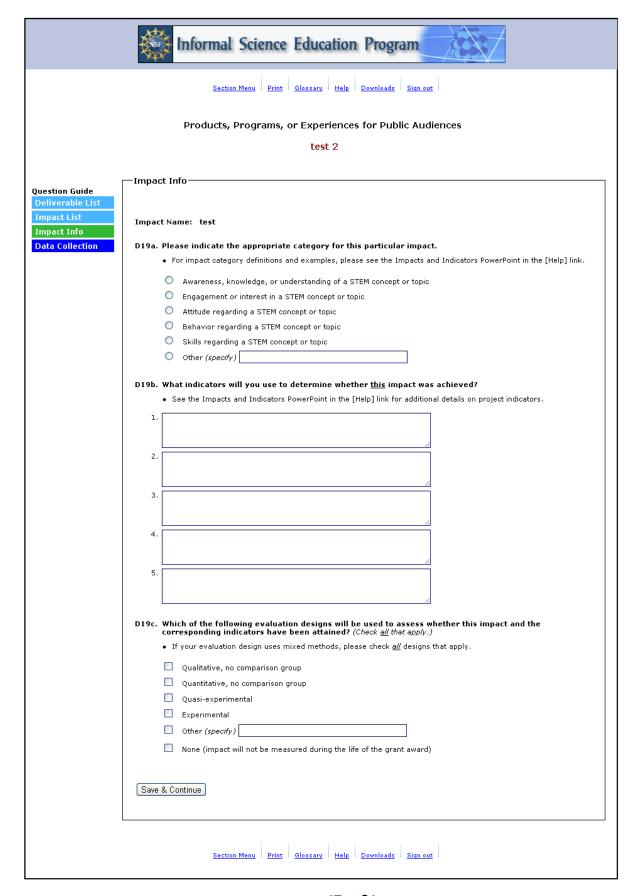
STEP 2: Provide information about each impact.

After you add an impact, the impact statement becomes a link to a set of questions for that particular impact.
 Click on the impact statement in the Impact column to access and complete the questions for that impact.

Impact	Information Status	
test	Complete	Delete
		Add

There are no impacts for this deliverable.

Save & Continue



Products, Programs, or Experiences for Public Audiences

test 2

n	ies	tior	Gu	ide

Deliverable List
Impact List

Data Collection

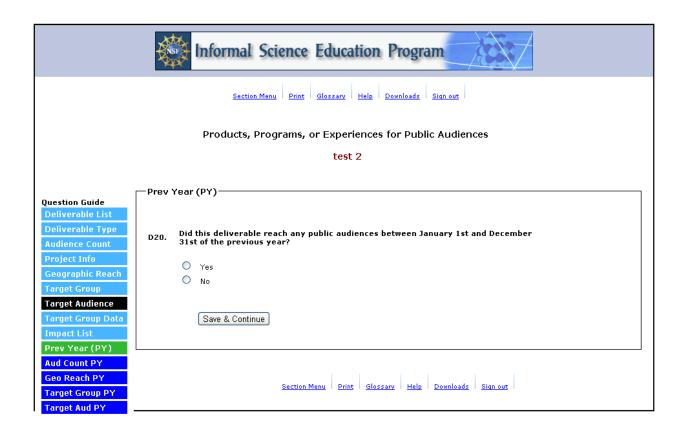
-Data Collection-

Impact Name: test

D19d. Which of the following data collection methods will be used to assess whether <u>this</u> impact and the corresponding indicators have been attained? (Check <u>all</u> that apply.)

In responding to this item, please indicate whether the data collection activity will occur (1) prior to the ISE
deliverable/activity, (2) during/at the end of the ISE deliverable/activity, and/or (3) at some point after the
ISE deliverable/activity.

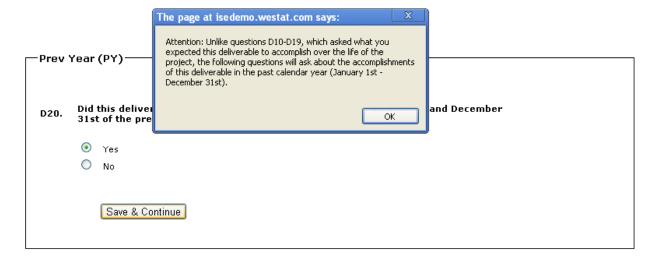
		When data will be collected		
Data Collection Activity	Prior to the ISE deliverable/ activity	During/at the end of the ISE deliverable/	At some point afte the ISE deliverable	
Administrative/participation data	·	activity	activity	
Museum attendance (e.g., for specific exhibits)				
Program attendance (e.g., number participating in youth programs/professional development sessions)				
Number of viewers (e.g., for a movie, radio program, or television show)				
Website hits				
School records (e.g., grades, test scores, course enrollment)				
Other administrative/participation data (specify)				
Data collected via the web/email				
Questionnaire/survey				
Formal assessment/test				
Focus groups				
Web logs by study subjects				
Other data collected via the web/email (specify)				
Data collected via telephone				
Questionnaire/survey				
Formal assessment/test				
Focus groups				
Interviews				
Other data collected via telephone (specify)				
Data collected <u>AT</u> informal science education venues/programs				
Questionnaire/survey				
Formal assessment/test				
Focus groups				
Interviews (e.g., exit interviews)				
Tracking and timing studies				
Direct observations of visitors'/participants'/ educators' conversations and/or behavior				
Recording visitors'/participants'/educators' conversations and/or behavior				
Diaries/journals/records maintained by study subjects while at the informal science education venue/program				
Problem-solving tasks/sorting tasks/drawing tasks/concept maps				
Learner artifacts				
Think-aloud techniques/protocols				
Think-aloud techniques/protocols Other data collected <u>AT</u> informal science education venues/programs (specify) Data collected QUTSIDE of informal science education venues/other education				
Think-aloud techniques/protocols Other data collected <u>AT</u> informal science education venues/programs (specify) Data collected <u>OUTSIDE</u> of informal science education venues/other education participant's home)				
Think-aloud techniques/protocols Other data collected <u>AT</u> informal science education venues/programs (specify) Data collected <u>OUTSIDE</u> of informal science education venues/other education participant's home) Questionnaire/survey	al settings	(e.g., in a		
Think-aloud techniques/protocols Other data collected <u>AT</u> informal science education venues/programs (specify) Data collected <u>OUTSIDE</u> of informal science education venues/other education participant's home) Questionnaire/survey Formal assessment/test	al settings	(e.g., in a		
Think-aloud techniques/protocols Other data collected AT informal science education venues/programs (specify) Data collected QUITSIDE of informal science education venues/other education participant's home) Questionnaire/survey Formal assessment/test Focus groups	al settings	(e.g., in a		
Think-aloud techniques/protocols Other data collected <u>AT</u> informal science education venues/programs (specify) Data collected <u>OUTSIDE</u> of informal science education venues/other education participant's home) Questionnaire/survey Formal assessment/test Focus groups Interviews Direct observations of study subjects' conversations/behavior outside of the informal	al settings	(e.g., in a		
Think-aloud techniques/protocols Other data collected AT informal science education venues/programs (specify) Data collected QUISIDE of informal science education venues/other education participant's home) Questionnaire/survey Formal assessment/test Focus groups Interviews Direct observations of study subjects' conversations/behavior outside of the informal science venue/program Diaries/journals/records maintained by study subjects outside of the informal science	al settings	(e.g., in a		
Think-aloud techniques/protocols Other data collected AT informal science education venues/programs (specify) Data collected QUTSIDE of informal science education venues/other education participant's home) Questionnaire/survey Formal assessment/test Focus groups Interviews Direct observations of study subjects' conversations/behavior outside of the informal science venue/program Diaries/journals/records maintained by study subjects outside of the informal science education venue/program Other data collected QUTSIDE of informal science venues/other educational settings	al settings	(e.g., in a		
Learner artifacts Think-aloud techniques/protocols Other data collected AT informal science education venues/programs (specify) Data collected QUITSIDE of informal science education venues/other education participant's home) Questionnaire/survey Formal assessment/test Focus groups Interviews Direct observations of study subjects' conversations/behavior outside of the informal science venue/program Diaries/journals/records maintained by study subjects outside of the informal science education venue/program Other data collected QUITSIDE of informal science venues/other educational settings (specify) Other	al settings	(e.g., in a		



If D20 = Yes, complete the following questions



Products, Programs, or Experiences for Public Audiences



Products, Programs, or Experiences for Public Audiences

test 2

Question Guide

Audience Count

Geographic Reach

Target Audience

Prev Year (PY)

Aud Count PY

Geo Reach PY

Target Aud PY

Target Group PY

Aud Count PY

D21a. In the table below, please select the method or methods that were used to deliver <u>this</u> product, program, or experience to your public audiences between January 1st and December 31st of the previous year.

For each selected delivery method, provide the number of individuals that you reached with this deliverable in the previous year.

If possible, provide an <u>unduplicated count</u> of the number of individuals that used a given delivery method to listen, view, read, and/or use <u>th/s</u> deliverable between January 1st and December 31st of the previous year. *If you are only* providing an unduplicated count, please leave the duplicated count field blank.

Click here for the ISE definition of unduplicated counts.

In cases where it is not possible to provide an unduplicated count for a given delivery method, provide a <u>duplicated count</u> of the number of individuals that listened to, viewed, read, and/or used <u>this</u> deliverable. If you are only providing a <u>duplicated count</u>, <u>please leave the unduplicated count field blank</u>.

Click here for the ISE definition of duplicated counts.

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

	Delivery Methods for Audio or Video	Unduplicated Count	Duplicated Count	Unable to determine at this time
	DVD or CD-ROM			
	Accessed at an exhibit (e.g., video segment that appears in a museum exhibit)			
	AM/FM/HD/satellite radio			
~	Television (e.g., network or cable)			V
	Theater at an informal science education institution (e.g., IMAX theater in a museum, planetarium)			
	Commercial theater (e.g., movie theater)			
	Theater in another setting (e.g., community center)			
~	Fulldome		6000	
	Video/Audio that can be accessed or downloaded (e.g., as a podcast) from <u>vour project</u> website			
	Video/Audio that can be accessed or downloaded (e.g., as a podcast) on other <u>non-proiect</u> websites (e.g., YouTube or social networking site)			
	Other (specify)			

Save & Continue



Question Guide Deliverable List		test 2
Audience Count Project Info Geographic Reach Target Group Target Group Data Impact List Prev Year (PY) Aud Count PY Geo Reach PY Target Group PY Target Group PY Target Group PY Target Aud PY Dear Geoward Fig. 19 Aud Py Dear Group Py Target Gr	Question Guide Deliverable List Deliverable Type Audience Count Project Info Geographic Reach Target Group Target Audience Target Group Data Impact List Prev Year (PY) Aud Count PY Geo Reach PY Target Group PY Target Aud PY D23.	2. Which of the following best describes the actual geographic reach of the public audiences that accessed or used this deliverable between January 1st and December 31st of the previous year? (Check one.) Single community or metropolitan region Select even if the community or metropolitan region spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia). Multiple communities within a single state or U.S. territory Select if the deliverable reached public audiences in two or more communities or metropolitan regions within a single state (e.g., a radio program that will be broadcast in Los Angeles and San Francisco). Multiple states and or U.S. territories Do not select if the deliverable only reached a public audience in a single metropolitan area that spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia). Specify in how many states and/or territories this deliverable reached public audiences between January 1st and December 31st of the previous year: Did this deliverable target international public audiences outside of the United States and U.S. territories between January 1st and December 31st of the previous year? No Yes If Yes, please describe the steps that were taken to reach international public audiences with this deliverable during the past year:

Products, Programs, or Experiences for Public Audiences

test 2

Question Guide

Deliverable List Deliverable Type

Audience Count

Geographic Reach

Target Audience

Target Group Data

Prev Year (PY)

Aud Count PY

Geo Reach PY Target Group PY

Target Aud PY

-Target Group PY

D24. Which of the following best describes the public audience(s) that were targeted by this deliverable between January 1st and December 31st of the previous year? (Check one.)

- For the purposes of this item, target group refers to (1) a specific age group (e.g., youth, age 5-10), (2) caregivers interacting with their children, and/or (3) public audiences traditionally underrepresented in STEM.
- The general public only (i.e., there were NO efforts to direct this deliverable toward a specific target group)
- The general public <u>AND</u> specific target groups (i.e., the deliverable targeted <u>BOTH</u> the general public <u>AND</u> one or more specific target groups)
- igoplus A specific target group only (i.e., the deliverable is intended for a specific target group(s)—but \underline{NOT} the general public)

Save & Continue



Products, Programs, or Experiences for Public Audiences

test 2

Question Guide Deliverable List Deliverable Type Audience Count Project Info Target Aud PY D24a. Which of the following age groups and/or public audiences underrepresented in STEM did this deliverable target between January 1st and December 31st of the previous year? (Check all that apply.)	
Deliverable List Deliverable Type Audience Count Deliverable Type Audience Type Audie	
Deliverable Type Audience Count D24a. Which of the following age groups and/or public audiences underrepresented in STEM did <u>this</u> deliverable target between January 1st and December 31st of the previous year? (Check <u>all</u> that apply.)	
Audience Count Audience Count	
Hadrete count	
Project Info	
Age Groups	
Geographic Reach Children, age 0-4	
Target Group Children, age 5-10	
Target Audience Target Group Data ✓ Youth, age 11–14	
Impact List Youth, age 15-18	
Prev Year (PY) Adults, age 19-54	
Aud Count PY Seniors, age 55 and over	
Geo Reach PY	
Target Group PY Public Audiences Traditionally Underrepresented in STEM	
Target Aud PY English language learners	
Racial groups	
Ethnic groups	
Persons with disabilities	
Low income individuals/families	
Residents in an inner city	
Residents in a rural community	
✓ Women/girls	
Other	
Families (i.e., parents or other caregivers interacting with children)	
Other (specify)	
D24b. Please describe the steps that were taken between January 1st and December 31st of the previous year to target this deliverable to the age groups and/or public audiences underrepresented in STEM specified above: text Save & Continue	

Products, Programs, or Experiences for Professional Audiences

Question Guide

Deliverable List

-Deliverable List -

Use the tables below to review and update information about previously entered professional audience deliverables and, if necessary, add information for new professional audience deliverables.

The information collected for each deliverable is very important, and you should carefully consider your response to
each item. The information you provide will maximize the ISE program's capacity to report on specific trends and
accomplishments at the program, project, and deliverable levels.

STEP 1: In the first table below, review and update previously entered deliverables.

- To review and update information on a deliverable, click on the deliverable name in the column titled Previously Entered Deliverable Name.
- Clicking on the deliverable name will bring you to a set of questions about deliverable accomplishments between January 1st and December 31st of the previous year.

STEP 2: In the second table below, add new professional audience deliverables.

- To add a deliverable, enter the deliverable name in the text box in the New Deliverable Name column. Then, click the Add button in the right-hand column of the table.
- Your project will likely have multiple deliverables (e.g., a museum exhibit and a website). You should enter the name of
 each deliverable that was not entered in a previous report. <u>Click here</u> to review the OPMS list of professional audience
 deliverable types. If your deliverable type is not included on this list, you can enter it in an "Other" category when you
 provide information about the deliverable type.
- After you add a deliverable, click on the deliverable name in the New Deliverable Name column.
- Clicking on the deliverable name will bring you to a set of questions about the expected deliverable accomplishments over the course of the ISE grant as well as actual deliverable accomplishments between January 1st and December 31st of the previous year.

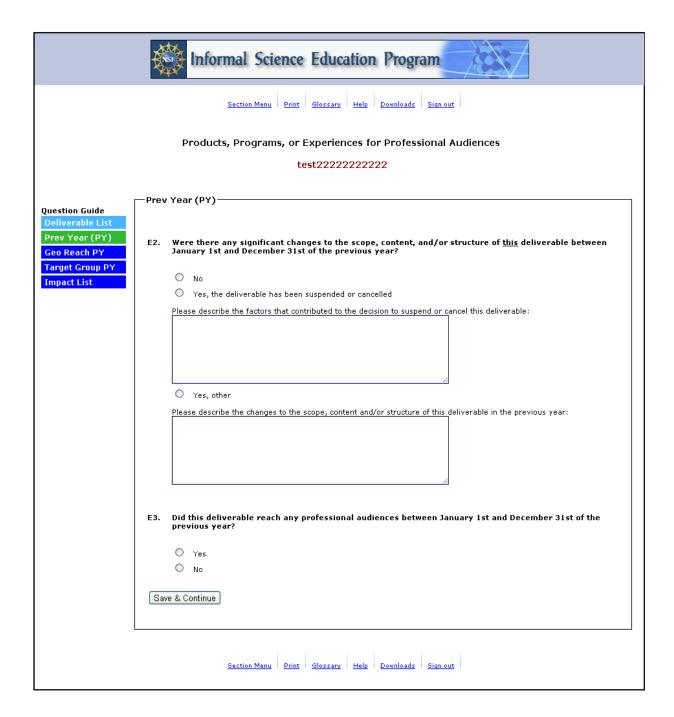
Previously Entered Deliverable Name	Information Status
<u>test222222222</u>	Not Started
<u>eeee</u>	Not Started

New Deliverable Name	Information Status	
		Add

If you have completed adding and updating the professional audience deliverables, please click the Submit button.

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Submit



	Products, Programs, or Experiences for Professional Audiences
	test222222222
Question Guide Deliverable List Prev Year (PY) Geo Reach PY Target Group PY Impact List	E4. Which of the following best describes the actual geographic reach of the professional audiences that accessed or used this deliverable between January 1st and December 31st of the previous year? (Check one.) Single community or metropolitan region Select even if the community or metropolitan region spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia). Multiple communities within a single state or U.S. territory Select if the deliverable reached professional audiences in two or more communities or metropolitan regions within a single state (e.g., a radio program that will be broadcast in Los Angeles and San Francisco). Multiple states and or U.S. territories Do not select if the deliverable only reached a professional audience in a single metropolitan area that spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia).
	Specify in how many states and/or territories this deliverable reached professional audiences between January 1st and December 31st of the previous year: E5. Were any steps taken to target this deliverable to an international professional audience outside of the United States and U.S. territories between January 1st and December 31st of the previous year?
	No

Products, Programs, or Experiences for Professional Audiences

test2222222222

Question Guide

Deliverable List Prev Year (PY)

Geo Reach PY Target Group PY

Impact List

Target Group PY-

E6. In the table below, please select <u>each</u> professional audience that this deliverable reached between January 1st and December 31st of the previous year. (Check all that apply.)

For each professional audience that you select, please provide your best estimate of the number of professionals that you reached with <u>this</u> deliverable in the previous year.

If possible, provide an <u>unduplicated count</u> of individuals who were reached during the previous year. If you are only providing an unduplicated count, please leave the duplicated count field blank.

Click here for the ISE definition of unduplicated counts.

In cases where it is not possible to provide an unduplicated count, provide a <u>duplicated count</u> of individuals who were reached during the previous year. If you are only providing a duplicated count, please leave the unduplicated count field blank.

Click here for the ISE definition of duplicated counts.

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

		Number of participants between January 1st an December 31st of the previous year				
	Professional Audiences	Unduplicated Count	Duplicated Count	Unable to determine at this time		
	Pre-K - 12 teachers					
	Post-secondary instructors					
_	<u> </u>					
_	Informal educators					
	Staff at after-school and youth programs					
	Staff at community programs					
	Exhibit designers					
	Media producers and/or disseminators					
	Science writers/journalists					
<u>v</u>	Scientists, engineers, and/or mathematicians	35				
	Board members					
	Directors, presidents, and/or CEOs					
	Funders					
	Policymakers					
	Researchers/evaluators					
	Other (specify)					

Page **57** of **81**

Products, Programs, or Experiences for Professional Audiences

test2222222222

Question Guide

Deliverable List

Prev Year (PY)

Target Group PY

Impact List

-Impact List-

E7. Please review and update each impact for this deliverable and, if necessary, add new impacts this deliverable is designed to achieve with your professional audiences.

$\label{eq:STEP 1: Review and update previously entered impacts.}$

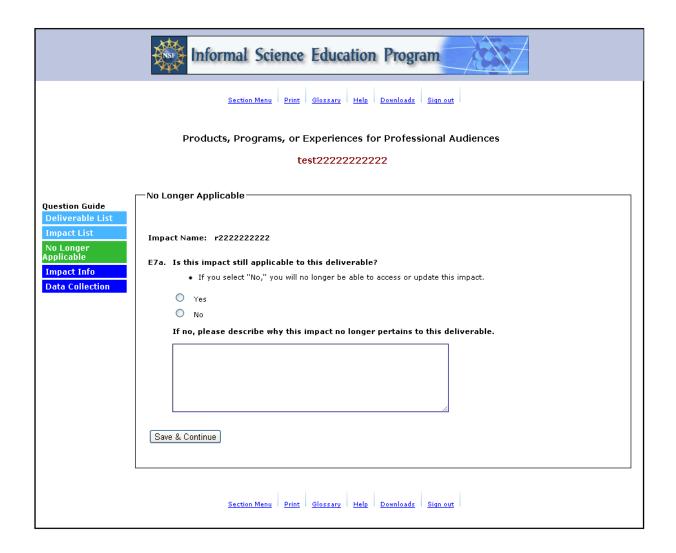
• To review and update the impact(s) for this deliverable, click on the impact statement in the Impact column.

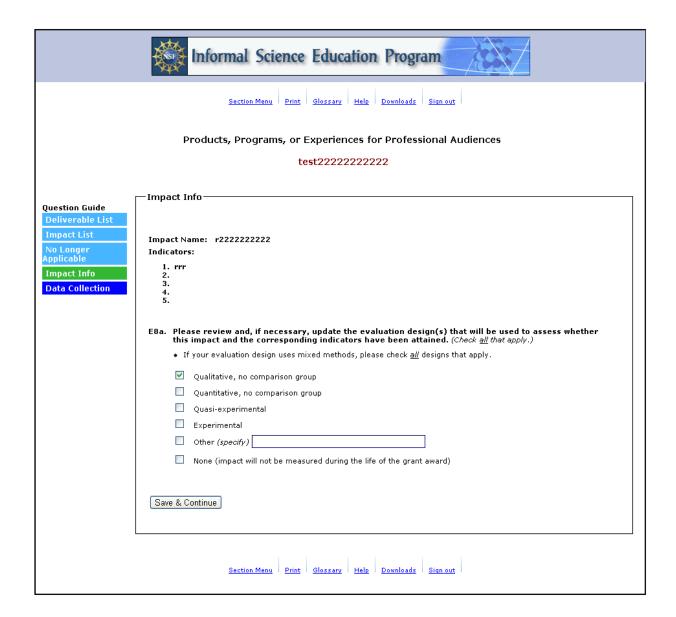
STEP 2: Add new impacts.

- To add an impact, enter the impact statement in the text box in the Impact column. Then, click the Add button in the right-hand column of the table.
- For definitions and examples related to impacts, see the Impacts and Indicators PowerPoint in the [Help] link.
- After you add an impact, the impact statement becomes a link to a set of questions for that particular impact.
 Click on the impact statement in the Impact column to access and complete the questions for that impact.

Impact	Information Status	Impact No Longer Applicable	
<u>r2222222222</u>	Not Started		
			Add

Save & Continue





Products, Programs, or Experiences for Professional Audiences

Impact Name: r222222222		
Indicators:		
1. rrr 2.		
3. 4.		
5.		
E8b. Please review and, if necessary, update the data collection methods tha determine if this impact and the corresponding indicators have been att	t your proje ained. (Chec	ct will use k <u>all</u> that ap;
 In responding to this item, please indicate whether the data collection activity w 	ill occur (1) p	rior to the
deliverable/activity, (2) during/at the end of the ISE deliverable/activity, an deliverable/activity.	d/or (3) at so	me point aft
	When d	ata will be
	Prior to the	During/at
Data Collection Activity	ISE deliverable/	the ISE
	activity	deliverable activity
Administrative/participation data		
Museum attendance (e.g., for specific exhibits)	~	
Program attendance (e.g., number participating in youth programs/professional development sessions)		
Number of viewers (e.g., for a movie, radio program, or television show)		
Website hits		
School records (e.g., grades, test scores, course enrollment)		
Other administrative/participation data (specify)		
, (-p//)		
Data collected via the web/email		
Questionnaire/survey		
Formal assessment/test		
Focus groups		
Web logs by study subjects		
Other data collected via the web/email (specify)		
Data collected via telephone		
Questionnaire/survey		
Formal assessment/test		
Focus groups		
Interviews		
Other data collected via telephone (specify)		
Data collected <u>AT</u> informal science education venues/programs		
Questionnaire/survey		
Formal assessment/test		
Focus groups		
Interviews (e.g., exit interviews)		
Tracking and timing studies		
Direct observations of visitors'/participants'/ educators' conversations and/or behavior		
Direct observations of visitors/participants/educators conversations and/or behavior Recording visitors/participants/educators/ conversations and/or behavior		
Diaries/journals/records maintained by study subjects while at the informal science		
education venue/program		
Problem-solving tasks/sorting tasks/drawing tasks/concept maps		
Learner artifacts		
Think-aloud techniques/protocols		
Other data collected <u>AT</u> informal science education venues/programs (specify)		
Data collected <u>OUTSIDE</u> of informal science education venues/other education participant's home)	nal settings	(e.g., in a
Questionnaire/survey		
Formal assessment/test		
Focus groups		
Interviews		
Direct observations of study subjects' conversations/behavior outside of the informal		
science venue/program Diaries/journals/records maintained by study subjects outside of the informal science		
education venue/program		
Other data collected <u>OUTSIDE</u> of informal science venues/other educational settings		
(epacific)		_
(specify) Other		

The following screens are for a deliverable added in the Annual Report

	New Deliverable	
De	liverable Type	
rable List rable Type t Info	. Please indicate the deliverable type that best describes <u>this</u> product, program, or experience. (S <u>one</u> .)	elect
aphic Reach	Au Parce I W Inc	
Group	Audio and Video Video segment/clip/program/series (e.g., training videos, webinars)	
t	Audio segment/clip/program/series (e.g., a animy videos, webmars)	
zation		
t List	Other audio or video (specify)	(
'ear (PY)	Resource Materials and Information Sharing	
each PY	Blog/newsletter	
Group PY	Discussion group/forum/information sharing network	
	Curriculum	(
	Training workshop	(
	Presentation (e.g., lecture at a conference for formal educators)	
	Research paper, issue brief, or publication (e.g., an article in a peer-reviewed journal)	
	Activity or informational guide (e.g., teacher guides for museum exhibit)	
	Demonstration/activity kit/guide (with supplies and/or instructions to perform experiments or activities)	-
	Other resource materials (specify)	
	Infrastructure Development or Enhancement for Facilitated Communication	
	Evaluation tools	
	Website for professional audiences (e.g., wiki website)	
	Database (e.g., creating a new database or developing the capacity to contribute to an existing database)	
	Other infrastructure (specify)	
	Games and Information and Communication Technologies	
	Game (e.g., mobile online games, massively multiplayer online games, console games, board games)	
	Simulation (e.g., a virtual museum exhibit, a simulation of a scientific phenomenon)	
	Application for mobile/wireless device (e.g., GPS or iPhone/iPad application)	-
	Other information and communication technology (specify)	(
	Project Website	
	Project Website	
	Other (specify)	

Products, Programs, or Experiences for Professional Audiences New Deliverable -Project Info-**Question Guide** E10. Please provide a brief description (i.e., 2-3 sentences) of this deliverable. Project Info Include information about any specific professional audiences that will be targeted by this deliverable—as well as any unique or innovative features of the deliverable that are worth noting. Geographic Reach Target Group Impact Organization Impact List Prev Year (PY) Geo Reach PY Target Group PY E11. Please indicate whether this deliverable is a primary or secondary focus of your overall ISE project. O Primary focus (i.e., at least 25 percent of your overall ISE project effort in terms of budget and/or staff time) O Secondary focus (i.e., less than 25 percent of your overall ISE project effort in terms of budget and/or staff time) E12. Which of the following are the primary and secondary STEM content foci of this deliverable? This item focuses exclusively on the STEM content that is being conveyed by this deliverable (e.g., what the project is looking to educate professional audiences about). Check up to two primary STEM content foci for this deliverable. Check all remaining secondary STEM content foci that apply for this deliverable. NSF Division STEM Content Area Primary Secondary Biological Sciences Environmental Biology Integrative Organismal Systems Molecular and Cellular Biosciences Computer and Informational Sciences Computer and Network Systems Intelligent Systems and Robotics Other computer and informational sciences (specify) Engineering Chemical, Bioengineering, Environmental, Transport Systems Civil, Mechanical and Manufacturing Innovation Electrical, Communications and Cyber Systems Other engineering (specify) Geosciences Atmospheric Sciences Earth Sciences Ocean Sciences Other geosciences (specify) Math and Physical Sciences Chemistry Materials Research Mathematical Sciences Physics Other math and physical sciences (specify) Social, Behavioral and Economic Sciences Behavioral and Cognitive Sciences Human and Social Dynamics Science of Learning Science Resource Statistics Social and Economic Sciences Other social, behavioral and economic sciences (specify) Other (specify) E13. Is this-deliverable interdisciplinary (i.e., does it integrate concepts across multiple STEM content areas)? If Yes, please describe the steps taken to make this deliverable interdisciplinary Save & Continue



	Section Menu Print Glossary Help Downloads Sign out
	Products, Programs, or Experiences for Professional Audiences
	New Deliverable
Question Guide Deliverable List Deliverable Type Project Info Geographic Reach Target Group Impact Organization Impact List Prev Year (PY) Geo Reach PY Target Group PY	E14. Which of the following best describes the anticipated geographic reach of the professional audiences that will ultimately access or use this deliverable? (Check one.) Single community or metropolitan region Select even if the community or metropolitan region spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia). Nultiple communities within a single state or U.S. territory Select if the deliverable will reach professional audiences in two or more communities or metropolitan regions within a single state (e.g., a radio program that will be broadcast in Los Angeles and San Francisco). Nultiple states and or U.S. territories On not select if the deliverable will londy reach a professional audience in a single metropolitan area that spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia). Specify in how many states and/or territories you anticipate reaching professional audiences: No Yes If yes, please describe the steps that will be taken to reach international professional audiences with this deliverable: Save & Continue
L	
	Section Menu Print Glossary Help Downloads Sign out

Products, Programs, or Experiences for Professional Audiences

New Deliverable

Question Guide

Deliverable List

Deliverable Type

Project Info

Geographic Reach

Target Group

Impact Organization

Impact List

Prev Year (PY)

Geo Reach PY

Target Group PY

-Target Group-

Save & Continue

E16. Please select all professional audience(s) in the table below that are targeted by this deliverable. (Check all that apply.)

For each professional audience that you select, please provide your best estimate of the number of professionals that will ultimately be reached by *this* deliverable over the course of your ISE award period.

If possible, provide an <u>unduplicated count</u> of individuals who will be reached. If you are only providing an unduplicated count, please leave the duplicated count field blank.

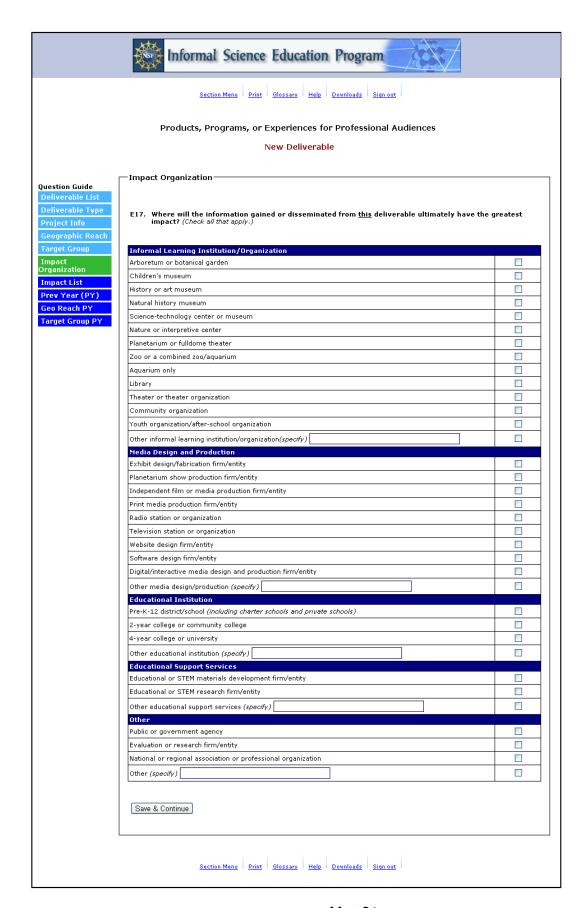
Click here for the ISE definition of unduplicated counts.

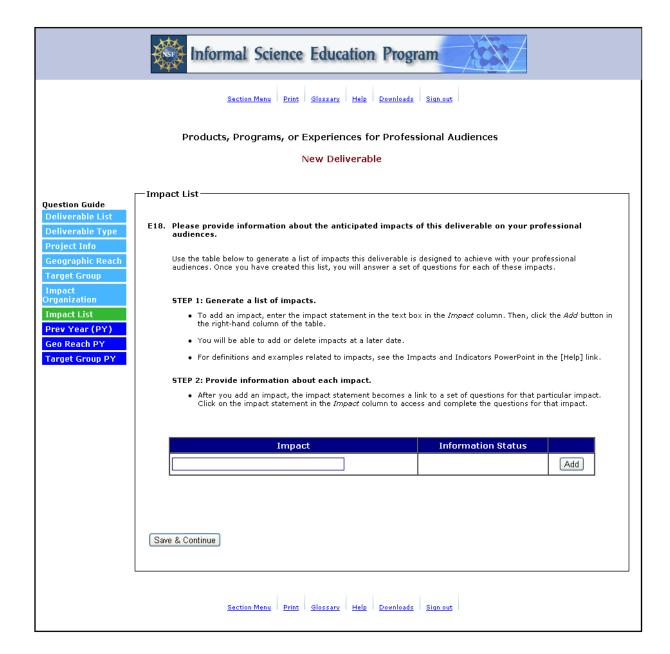
In cases where it is not possible to provide an unduplicated count, provide a <u>duplicated count</u> of individuals who will be reached. If you are only providing a duplicated count, please leave the unduplicated count field blank.

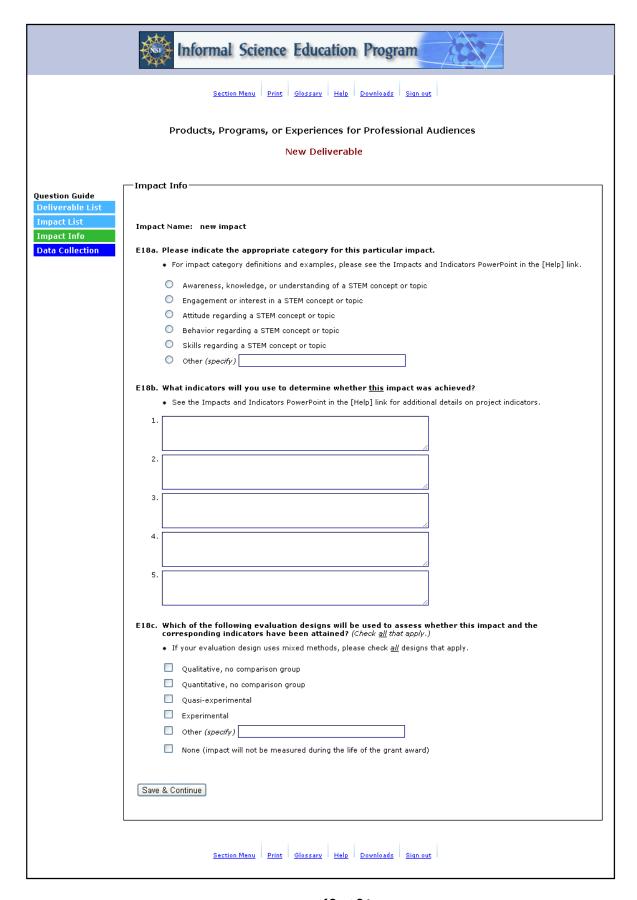
Click here for the ISE definition of duplicated counts.

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

		Number of anticipated participants over the course of the ISE award period				
	Professional Audiences	Unduplicated Count	Duplicated Count	Unable to determine at this time		
	Pre-K - 12 teachers					
	Post-secondary instructors					
	Informal educators					
	Staff at after-school and youth programs					
	Staff at community programs					
	Exhibit designers					
	Media producers and/or disseminators					
	Science writers/journalists					
	Scientists, engineers, and/or mathematicians					
	Board members					
	Directors, presidents, and/or CEOs					
	Funders					
	Policymakers					
	Researchers/evaluators					
	Other (specify)					







Products, Programs, or Experiences for Professional Audiences

New Deliverable

Question Guide
Deliverable List
Impact List
Impact Info

Data Collection

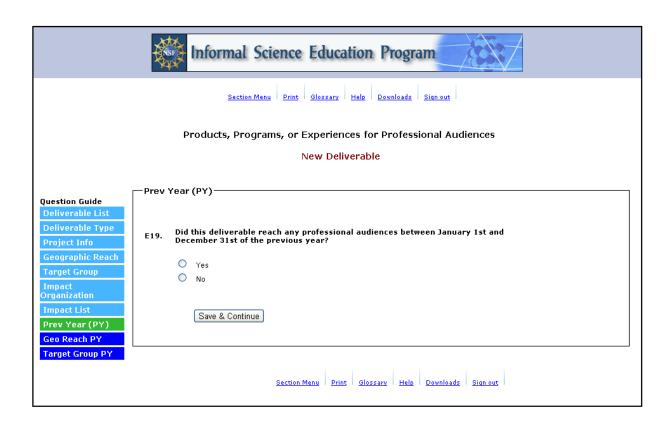
-Data Collection

Impact Name: new impact

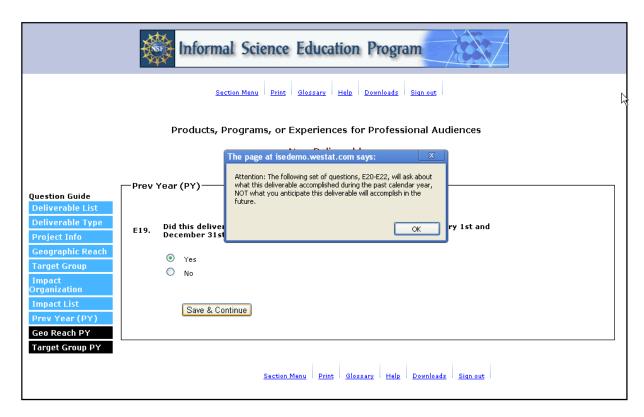
E18d. Which of the following data collection methods will be used to assess whether <u>this</u> impact and the corresponding indicators have been attained? (Check <u>all</u> that apply.)

• In responding to this item, please indicate whether the data collection activity will occur (1) **prior** to the ISE deliverable/activity, (2) **during/at the end of** the ISE deliverable/activity, and/or (3) at some point **after** the ISE deliverable/activity.

	When da	ata will be o	ollected
Data Collection Activity	Prior to the ISE deliverable/ activity	During/at the end of the ISE deliverable/ activity	At some point after the ISE deliverable/ activity
Administrative/participation data			
Museum attendance (e.g., for specific exhibits)			
Program attendance (e.g., number participating in youth programs/professional development sessions)			
Number of viewers (e.g., for a movie, radio program, or television show)			
Website hits			
School records (e.g., grades, test scores, course enrollment)			
Other administrative/participation data (specify)			
Data collected via the web/email Questionnaire/survey			
Formal assessment/test			
Focus groups			
Web logs by study subjects			
Other data collected via the web/email (specify)			
Salar data asinosas na dia nasyonian (spean)			
Data collected via telephone			
Questionnaire/survey			
Formal assessment/test			
Focus groups			
Interviews			
Other data collected via telephone (specify)			
Data collected <u>AT</u> informal science education venues/programs Questionnaire/survey			
Formal assessment/test			
Focus groups			
Interviews (e.g., exit interviews)			
Tracking and timing studies			
Direct observations of visitors/participants/ educators' conversations and/or behavior			
Recording visitors'/participants'/educators' conversations and/or behavior Diaries/journals/records maintained by study subjects while at the informal science			
education venue/program			
Problem-solving tasks/sorting tasks/drawing tasks/concept maps			
Learner artifacts			
Think-aloud techniques/protocols			
Other data collected AT informal science education venues/programs (specify)			
Data collected <u>OUTSIDE</u> of informal science education venues/other education participant's home)	al settings	(e.g., in a	
Questionnaire/survey			
Formal assessment/test			
Focus groups			
Interviews			
Direct observations of study subjects' conversations/behavior outside of the informal			
science venue/program Diaries/journals/records maintained by study subjects outside of the informal science education venue/program			
Other data collected <u>OUTSIDE</u> of informal science venues/other educational settings (specify)			
Other			
Other (specify)			
Save & Continue			



If projects answer "No," they return to the deliverable list. If they answer "Yes" they continue to E20.





Products, Programs, or Experiences for Professional Audiences

New Deliverable

Geo Reach PY-Question Guide E20. Which of the following best describes the actual geographic reach of the professional audiences that accessed or used <u>this</u> deliverable between January 1st and December 31st of the previous year? (Check one.) Geographic Reach Target Group Single community or metropolitan region Select even if the community or metropolitan region spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia). Organization Multiple communities within a single state or U.S. territory Select if the deliverable reached professional audiences in two or more communities or metropolitan regions within a single state (e.g., a radio program that will be broadcast in Los Angeles and San Francisco). Geo Reach PY Multiple states and or U.S. territories Do not select if the deliverable only reached a professional audience in a single metropolitan area that spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia). Target Group PY Specify in how many states and/or territories this deliverable reached professional audiences between January 1st and December 31st of the previous year: E21. Did <u>this</u> deliverable target an international audience outside of the United States and U.S. territories between January 1st and December 31st of the previous year? O No If Yes, please describe the steps that were taken to reach international professional audiences with this deliverable Save & Continue

Products, Programs, or Experiences for Professional Audiences

New Deliverable

Question Guide

Deliverable List
Deliverable Type

Geographic Reach

Target Group

Impact Organization

Impact List

Prev Year (PY)

Target Group PY

Target Aud PY

E22. In the table below, please select each professional audience that \underline{this} deliverable reached between January 1st and December 31st of the previous year. (Check all that apply.)

For each professional audience that you select, please provide your best estimate of the number of professionals that you reached with <u>this</u> deliverable in the previous year.

If possible, provide an <u>unduplicated count</u> of individuals who were reached during the previous year. If you are only providing an unduplicated count, please leave the duplicated count field blank.

Click here for the ISE definition of unduplicated counts.

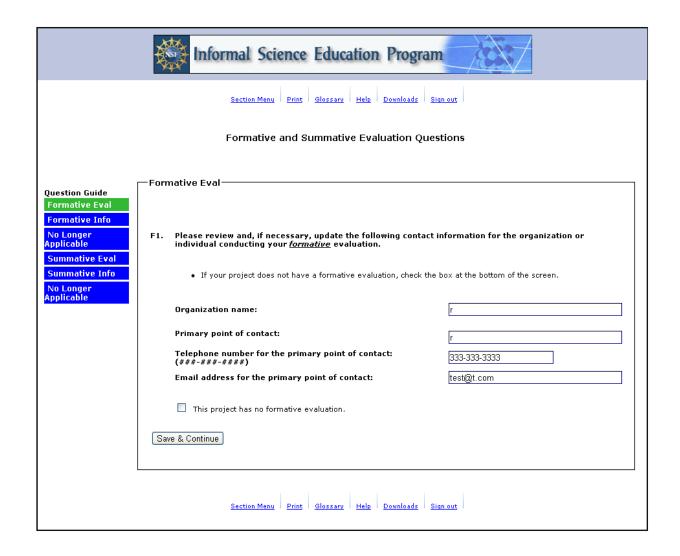
In cases where it is not possible to provide an unduplicated count, provide a <u>duplicated count</u> of individuals who were reached during the previous year. If you are only providing a duplicated count, please leave the unduplicated count field blank.

Click here for the ISE definition of duplicated counts.

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

		Number of participants between January 1st ar December 31st of the previous year					
	Professional Audiences	Unduplicated Count	Duplicated Count	Unable to determine at this time			
V	Pre-K - 12 teachers						
	Post-secondary instructors						
	Informal educators						
	Staff at after-school and youth programs						
	Staff at community programs						
	Exhibit designers						
	Media producers and/or disseminators						
	Science writers/journalists						
	Scientists, engineers, and/or mathematicians						
	Board members						
	Directors, presidents, and/or CEOs						
	Funders						
	Policymakers						
	Researchers/evaluators						
	Other (specify)						

Save & Continue



Formative and Summative Evaluation Questions

Question Guide

Formative Eval
Formative Info

No Longer Applicable

Applicable
Summative Eval
Summative Info

No Longer Applicable -Formative Info

F2. Please review and, if necessary, update the formative evaluation questions entered in a previous report.

Use the following steps to update previously entered evaluation questions and add new evaluation questions in the table

STEP 1: Update previously entered evaluation designs.

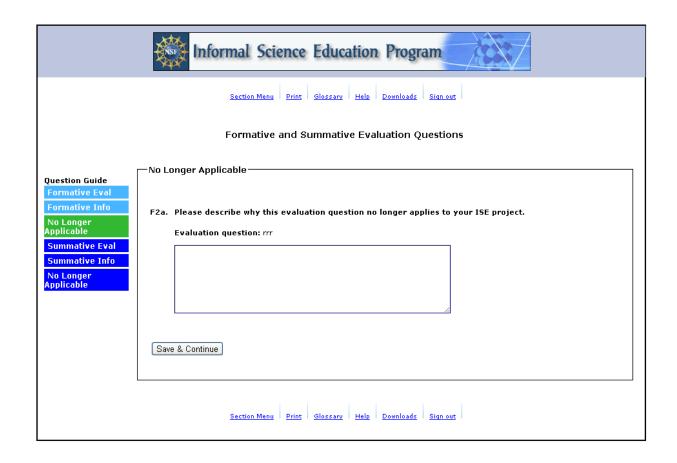
- Review each previously entered evaluation question. If the evaluation design has changed, you can check any new
 evaluation designs and uncheck any evaluation designs that will no longer be used to examine the evaluation
 question. Click "edit" to save these changes.
- If an evaluation question no longer applies, check the appropriate box in the column titled Check if question is no longer applicable. Click "edit" to save this change.

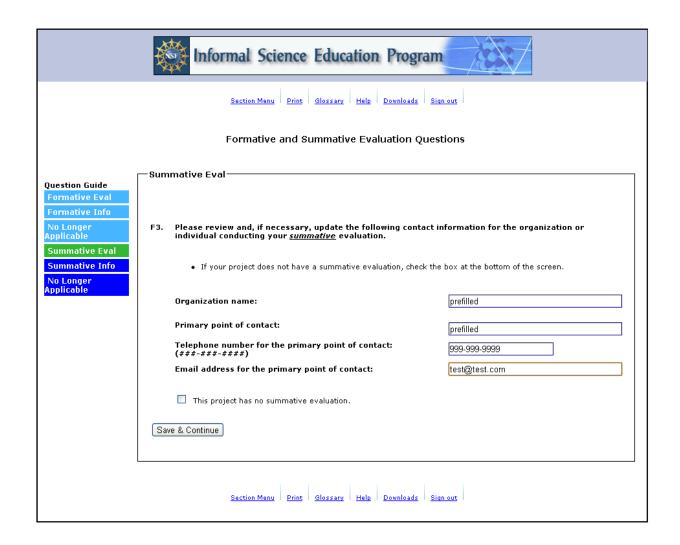
STEP 2: Add new evaluation questions.

- To add a new evaluation question, type the question in the text box in the Formative Evaluation Question column.
- Check all evaluation designs that will be used to answer the evaluation question. If your evaluation design uses mixed methods, please check all designs that apply.
- If you will use an evaluation design that is not listed in the table, specify the evaluation design type in the text box in the Other column.
- Click the Add button in the right-hand column to add the completed evaluation question and designs to the table.

		Evaluat (check al				
Formative Evaluation Question	Qualitative, no comparison group	Quantitative, no comparison group	Quasi- experi- mental	Other (specify)	Check if question is no longer applicable	
rrr	V					Edit
						Add

Save & Continue





Formative and Summative Evaluation Questions

Question Guide

Formative Eval

Formative Info

No Longer Applicable

Summative Eval

Summative Info

No Longer Applicable

-Summative Info-

F4. Please review and, if necessary, update the summative evaluation questions entered in a previous report.

Use the following steps to update previously entered evaluation questions and add new evaluation questions in the table

STEP 1: Update previously entered evaluation designs.

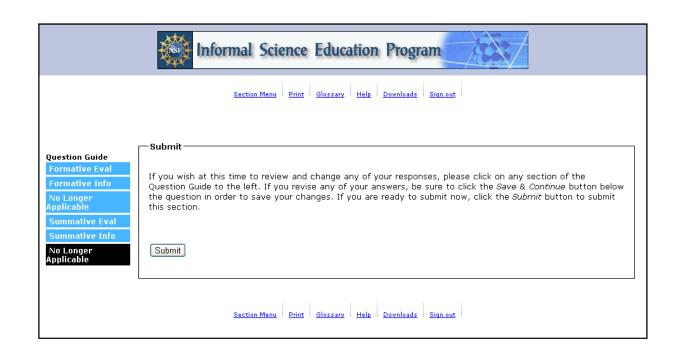
- Review each previously entered evaluation question. If the evaluation design has changed, you can check any new
 evaluation designs and uncheck any evaluation designs that will no longer be used to examine the evaluation
 question. Click "edit" to save these changes.
- If an evaluation question no longer applies, check the appropriate box in the column titled Check if question is no longer applicable. Click "edit" to save this change.

STEP 2: Add new evaluation questions.

- To add a new evaluation question, type the question in the text box in the Summative Evaluation Question column.
- Check all evaluation designs that will be used to answer the evaluation question. If your evaluation design uses mixed methods, please check all designs that apply.
- If you will use an evaluation design that is not listed in the table, specify the evaluation design type in the text box in the Other column.
- Click the Add button in the right-hand column to add the completed evaluation question and designs to the table.

		Evaluat (check al	ion Desi <i>I that ap</i>			Check if question is	
Summative Evaluation Question	Qualitative, no comparison group	Quantitative, no comparison group	Quasi- experi- mental	Experi- mental	Other (specify)	no longer applicable	
							Add

Save & Continue





	Project Accomplishments and Lessons Learned
-	n G1-G5
Guide G1-G5	
G6 G1.	
G7	What is noteworthy about this accomplishment?
G2.	Describe your progress in developing or strengthening partnerships or linkages among your
	project's organizational partners during the past year.
G3.	Describe your progress in developing or strengthening partnerships or linkages between your
	project and formal educational organizations (e.g., pre-K-12 school systems, colleges and universities) during the past year.
G4.	Describe steps taken in the past year to use findings uncovered through your project's formative evaluation.
	 For example, provide examples of how the scope, focus, design, or implementation of the project was revised to reflect findings from your formative evaluation.
	Enter "N/A" if your project does not have a formative evaluation.
	• Lines 1974 il your project does not have a formative evaluation.
G5.	Describe any lessons that you learned as a result of this project that may be of use to other ISE
	Principal Investigators. If possible, please address each of the following categories: • Designing and managing project deliverables and activities
	Collaborating with partners
	Identifying and measuring project impacts
	Recruiting/retaining participants
	Sustainability
	Other aspects of your project

