

Your participation in this survey is completely voluntary. Best efforts will be made to maintain the security and confidentiality of the information collected. Risks exist when information is collected online and can be intercepted, corrupted, lost, destroyed, arrive late or be incomplete. If you choose to share any health-related or other information, including sensitive student or employee data, measures have been put in place to ensure confidentiality and minimize risks. If the information you provide requires a response, your identity will be verified before discussion of any potentially sensitive information, specifically including your health-related information. By continuing with this survey, you understand and accept these risks associated with disclosure of your information.

## Introduction Question Block

This survey aims to track the time you and others have spent working on the public health response to the **Delta County Birthday Party Outbreak** with an unknown etiology. Results will be used to estimate the economic costs of this investigation.

This survey was developed by the Colorado Integrated Food Safety Center of Excellence (CO CoE) located at the Colorado School of Public Health, the Colorado Department of Public Health and Environment (CDPHE), and the Center for Disease Control and Prevention (CDC).

For questions, contact project managers Gabe Elson at [gabriel.elson@cuanschutz.edu](mailto:gabriel.elson@cuanschutz.edu) and/or Alice White at [alice.white@cuanschutz.edu](mailto:alice.white@cuanschutz.edu).

Select the survey you would like to complete:

Weekly Prospective Tracking (to be completed weekly while working on this investigation)

Final Retrospective Survey (complete if you are finished working this investigation)

## Prospective Tracking Block

What is your name (First Last)?

Is this your first time completing the survey?

Yes

No

The **initial survey** collects basic information about your role, employer, wage/salary, and other information pertinent to estimating the cost of this investigation.

*\*This survey is to be completed once prior to submitting the weekly prospective surveys\**

What is your email?

What organization do you work for?

What is your job title?

Please select the date you **began** to work on this outbreak:

← September 2022 →

Su	Mo	Tu	We	Th	Fr	Sa
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8

This section will ask about your salary/wage, which will be used to accurately estimate staffing costs for this investigation.

*\*All answers will remain confidential*

Choose one option that best describes your employment compensation:

Salary

Paid hourly

Unpaid/volunteer

Do you work part-time or full-time?

Part-time (less than 40 hours per week)

Full-time (40 hours per week)

Other

On average, how many hours do you work per week?

What is your estimated annual salary?

0      40000      80000      120000      160000      200000

Approximate Salary

What is your hourly wage?

*\*Enter your response as a numeric value (e.g., 21)\**

Thank you for completing the **Initial Survey**. You will now be asked to prospectively track how many hours you work each week and the tasks you complete. To begin reporting

your weekly hours, navigate to the next page. We recommend you complete this survey at the beginning or end of every week.

Thank you

The **Weekly Prospective Tracking** survey is designed to track the resources and time spent by each individual working on the **Delta County Birthday Party Outbreak**. Please report only the hours and costs that you have contributed to this public health response during the week you select below:

Select the week you would like to submit time for:

*\*For weeks spanning two months, select the month that has the first day of the week in it\**

Select a Month

Select a Week

Select all of the **roles** that describe your investigation activities during the week of `#{QID75/ChoiceGroup/SelectedAnswers/14}`:

Epidemiology

Communicable Disease Investigator

Public Health Nurse

Student Interviewer

Environmental Health

Agency Leadership/Investigation Team Management

Laboratory

Administrative

Legal

Communications

Other, please specify

What percentage of your time was spent performing each of the **roles** you selected for the week of  $\{q://QID75/ChoiceGroup/SelectedAnswers/14\}$ ?

*\*be sure all percentages combine to equal 100%*



This section will ask about the tasks you completed as part of the **Delta County Birthday Party Outbreak** and how much time each activity took. You will be asked to select and describe activities for each role you chose in the previous question.

*\*If you chose more than one role, choose the most fitting role to document each activity in*

Select the **Epidemiology** tasks that you performed for this investigation during the week of  $\{q://QID75/ChoiceGroup/SelectedAnswers/14\}$ :

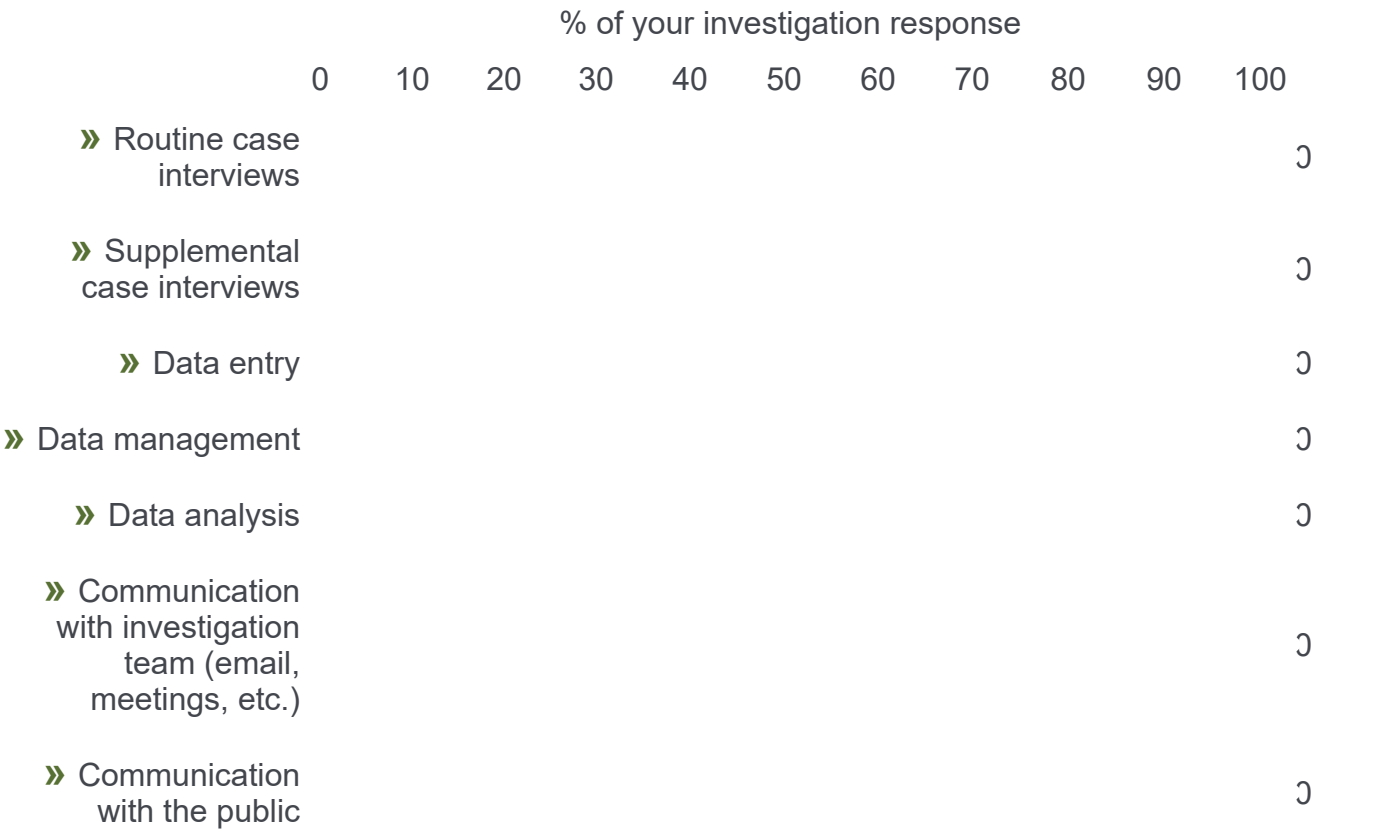
- Routine case interviews
- Supplemental case interviews
- Data entry
- Data management
- Data analysis
- Communication with investigation team (email, meetings, etc.)
- Communication with the public
- Coordinating specimen collection

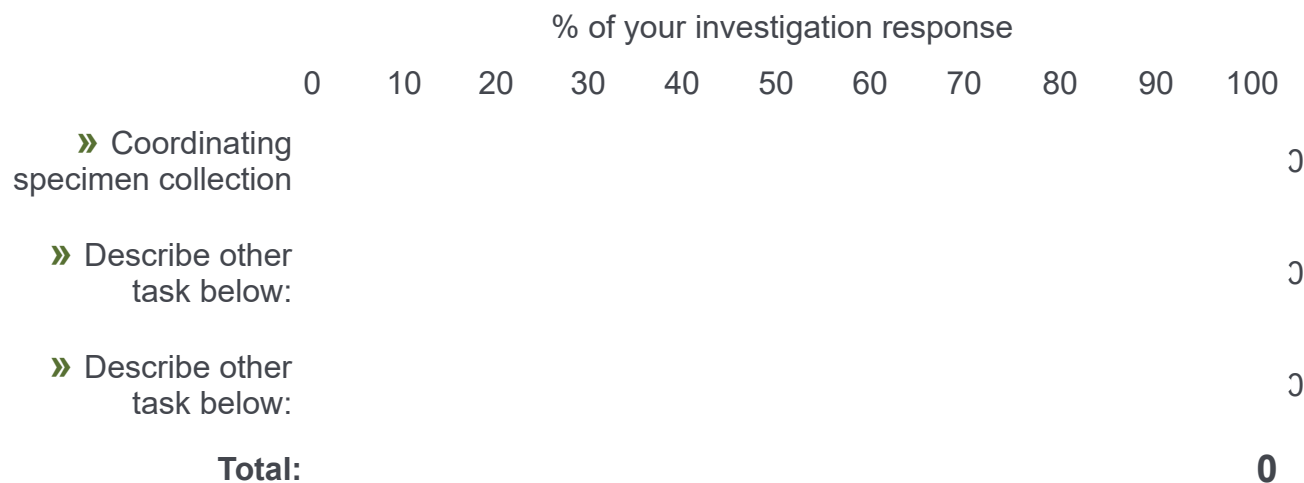
Describe other task below:

Describe other task below:

What percentage of your time was spent doing each of the activities you selected under the **Epidemiology** role for the week of  $\{q://QID75/ChoiceGroup/SelectedAnswers/14\}:$ ?

*\*be sure all percentages combine to equal 100%*





Select the **Public Health Nurse** tasks that you performed for this investigation during the week of \${q://QID75/ChoiceGroup/SelectedAnswers/14}:

Routine case interviews

Supplemental case interviews

Data entry

Data management

Data analysis

Communication with investigation team (email, meetings, etc.)

Communication with the public

Coordinating specimen collection

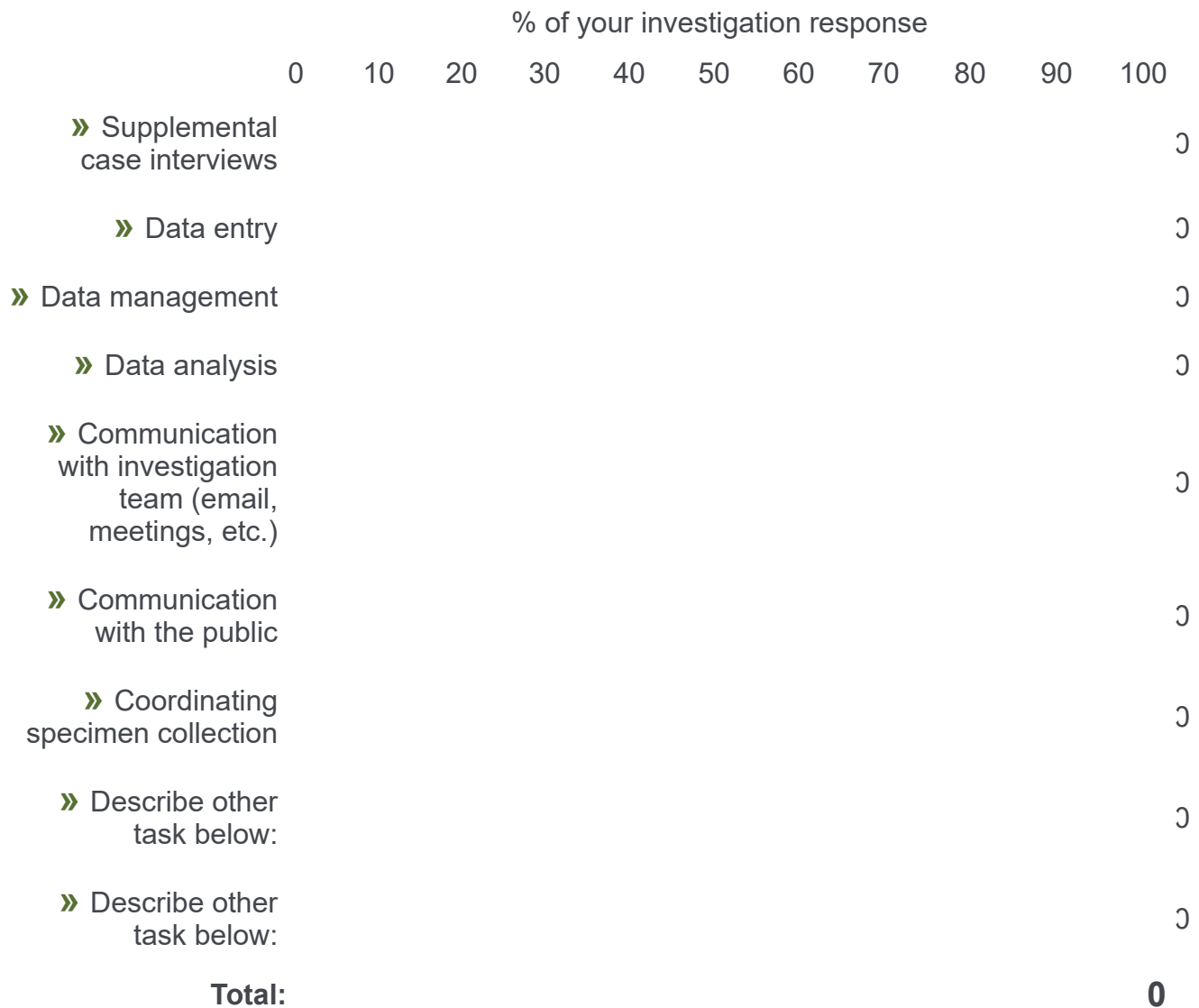
Describe other task below:

Describe other task below:

What percentage of your time was spent doing each of the activities you selected under the **Public Health Nurse** role for the week of \${q://QID75/ChoiceGroup/SelectedAnswers/14}?

*\*be sure all percentages combine to equal 100%*





Select the **Communicable Disease Investigator** tasks that you performed for this investigation during the week of \${q://QID75/ChoiceGroup/SelectedAnswers/14}:

Routine case interviews

Supplemental case interviews

Data entry

Data management

Data analysis

Communication with investigation team (email, meetings, etc.)

Communication with the public

Coordinating specimen collection

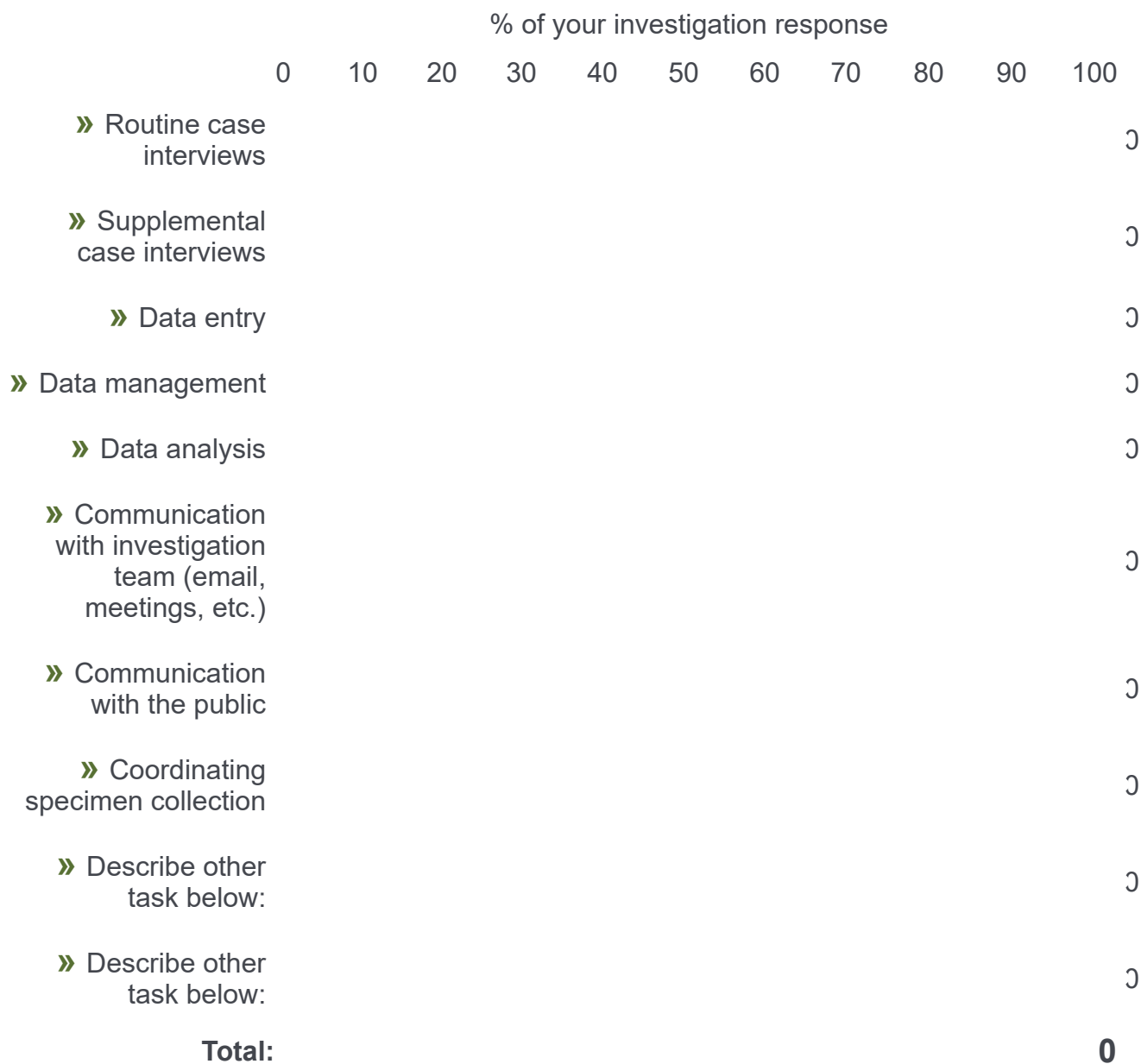
Describe other task below:

Describe other task below:



What percentage of your time was spent doing each of the activities you selected under the **Communicable Disease Investigator** role for the week of \${q://QID75/ChoiceGroup/SelectedAnswers/14}?

*\*be sure all percentages combine to equal 100%*



Select the **Environmental Health** tasks that you performed for this investigation during the week of \${q://QID75/ChoiceGroup/SelectedAnswers/14}:

- Environmental assessment
- Interviewing food handlers
- Coordinating specimen collection
- Environmental sampling
- Collecting records
- Communication with investigation team (email, meetings, etc.)
- Communication with the public

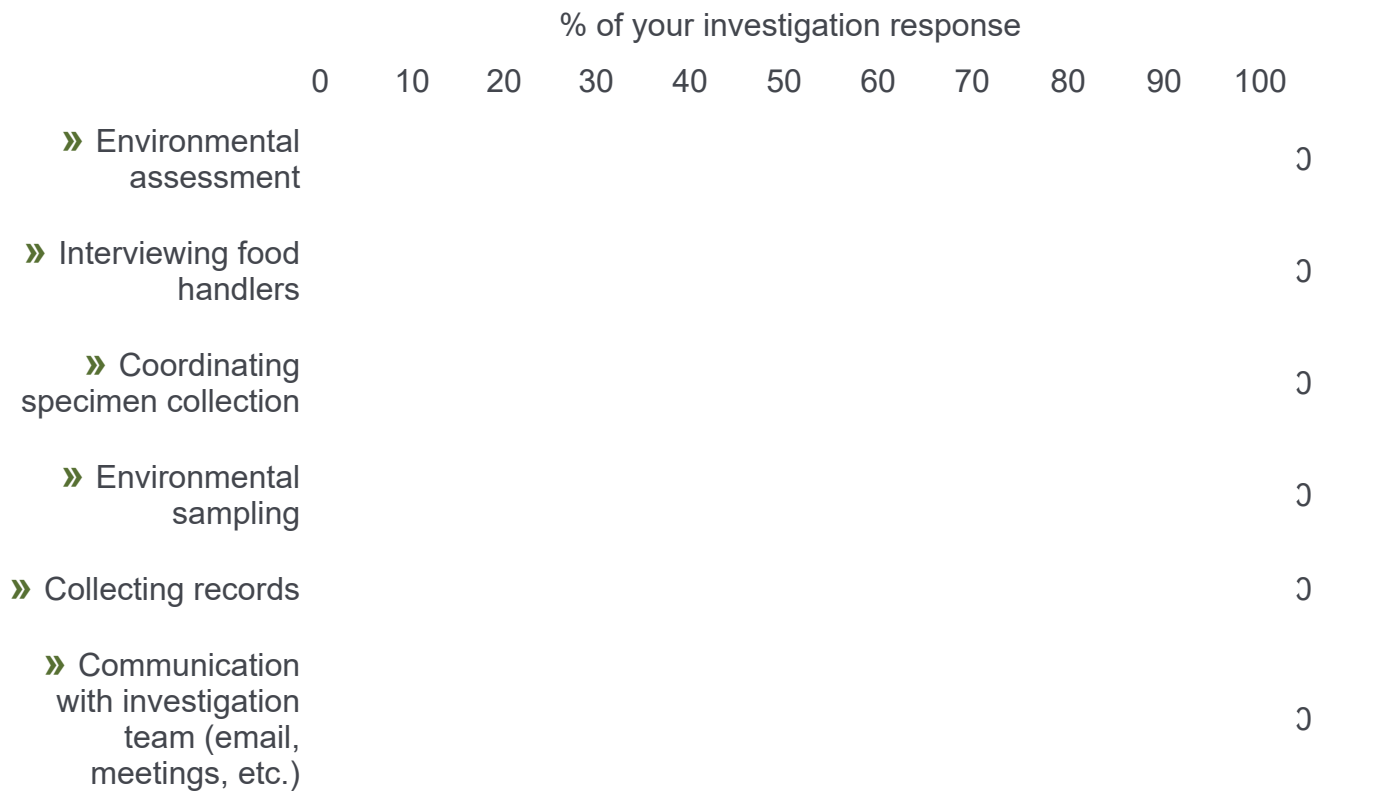
Describe other task below:

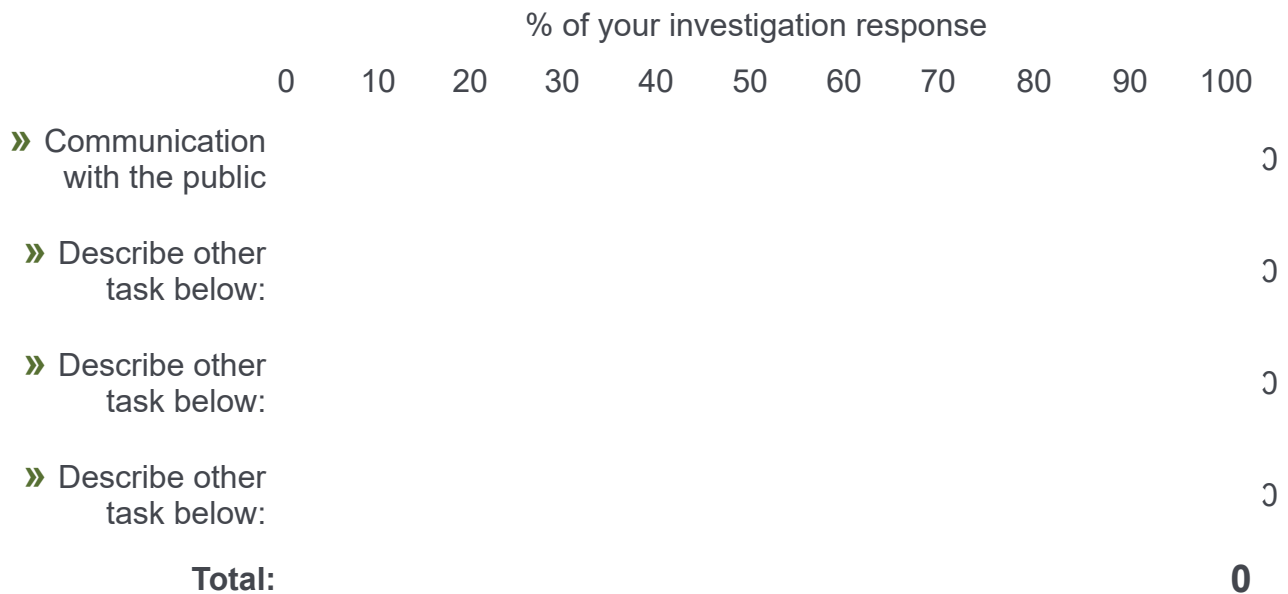
Describe other task below:

Describe other task below:

What percentage of your time was spent doing each of the activities you selected under the **Environmental Health** role for the week of  $\$ \{q://QID75/ChoiceGroup/SelectedAnswers/14\}$ ?

*\*be sure all percentages combine to equal 100%*





Select the **Student Interviewer** tasks that you performed for this investigation during the week of \${q://QID75/ChoiceGroup/SelectedAnswers/14}:

Routine case interviews

Supplemental case interviews

Data entry

Communication with investigation team (email, meetings, etc.)

Investigation-specific trainings

Describe other task below:

Describe other task below:

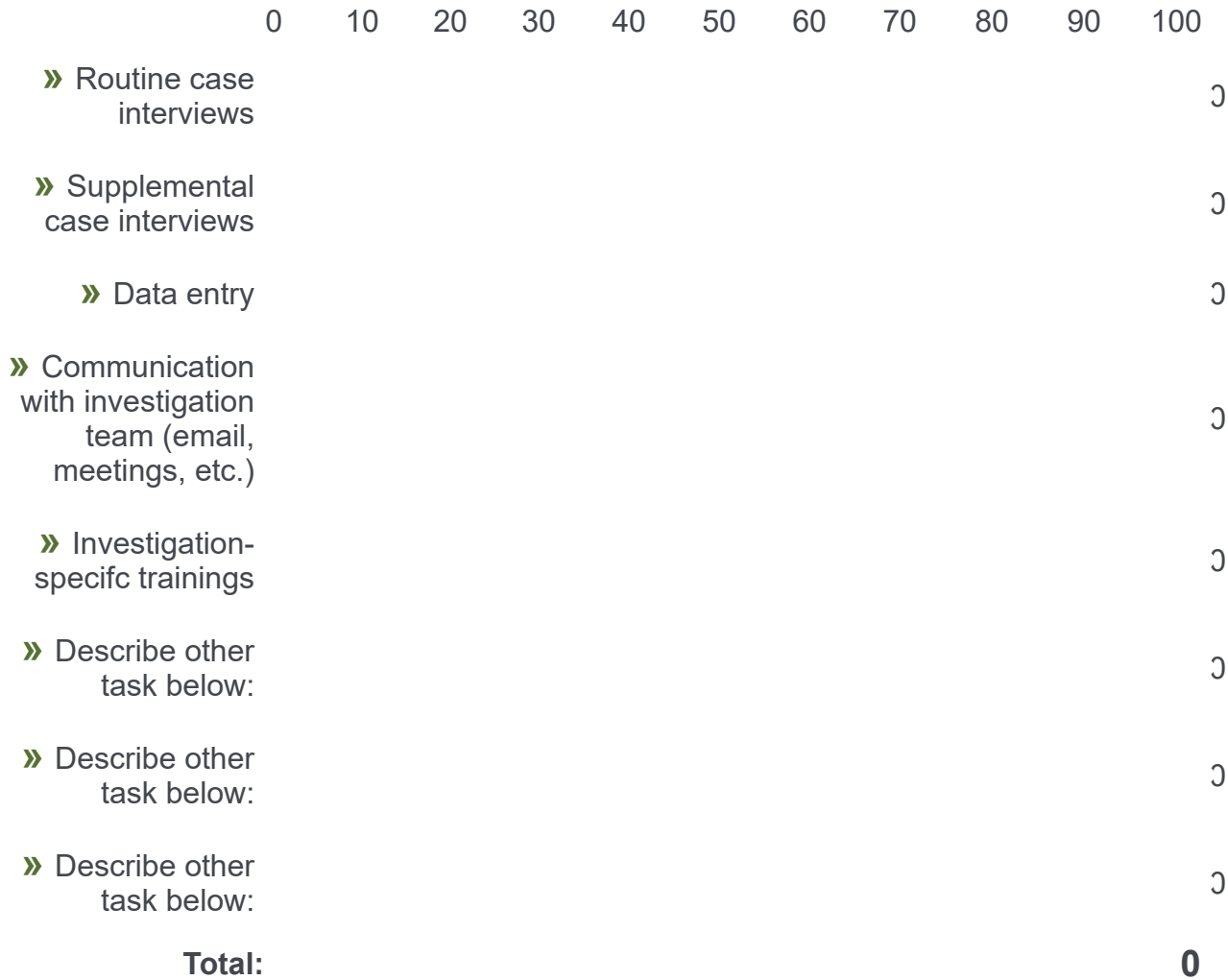
Describe other task below:

What percentage of your time was spent doing each of the activities you selected under the **Student Interviewer** role for the week of \${q://QID75/ChoiceGroup/SelectedAnswers/14}?

*\*be sure all percentages combine to equal 100%*



% of your investigation response



How many **interviews** did you complete for this investigation during the week of `{q://QID75/ChoiceGroup/SelectedAnswers/14}`:



Describe the **Administrative** tasks that you performed during this investigation for the week of `{q://QID75/ChoiceGroup/SelectedAnswers/14}`:

Describe the **Agency Leadership or Team Management** tasks that you performed during the week of \${q://QID75/ChoiceGroup/SelectedAnswers/14}:

Select the **Laboratory** tasks that you performed for this investigation during the week of \${q://QID75/ChoiceGroup/SelectedAnswers/14}:

Coordinating or performing specimen collection

Performing testing or culturing on specimen related to this outbreak

Analyzing results on specimen

Communicating with leadership

Conducting literature reviews

Describe other task below:

Describe other task below:

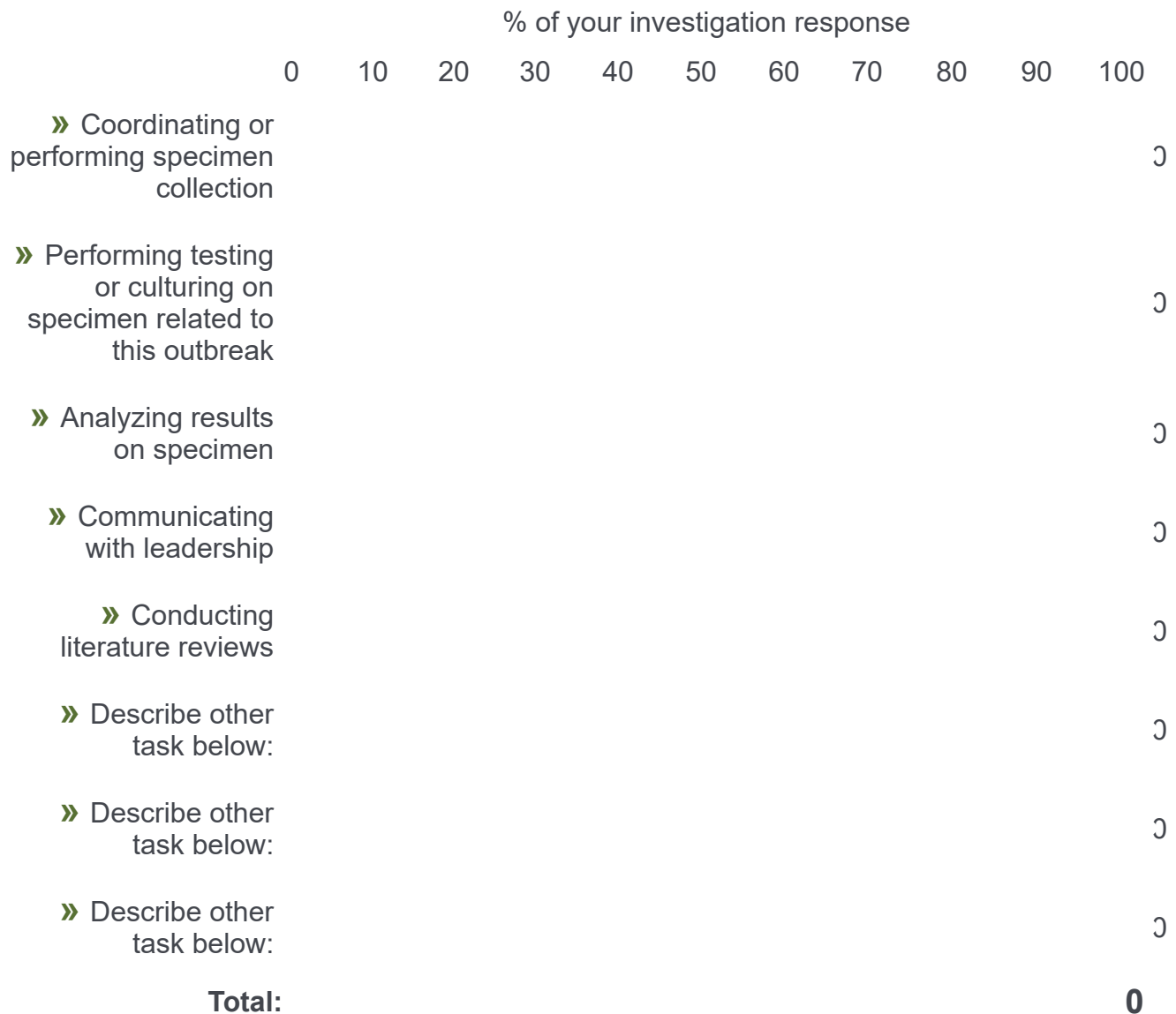
Describe other task below:

What percentage of your time was spent doing each of the activities you selected under the **laboratory** role for the week of \${q://QID75/ChoiceGroup/SelectedAnswers/14}?

*\*be sure all percentages combine to equal 100%*

% of your investigation response

0 10 20 30 40 50 60 70 80 90 100



Were there any **laboratory costs** (sampling, testing, etc.) associated with your role during the week of \${q://QID75/ChoiceGroup/SelectedAnswers/14}:


Yes

No

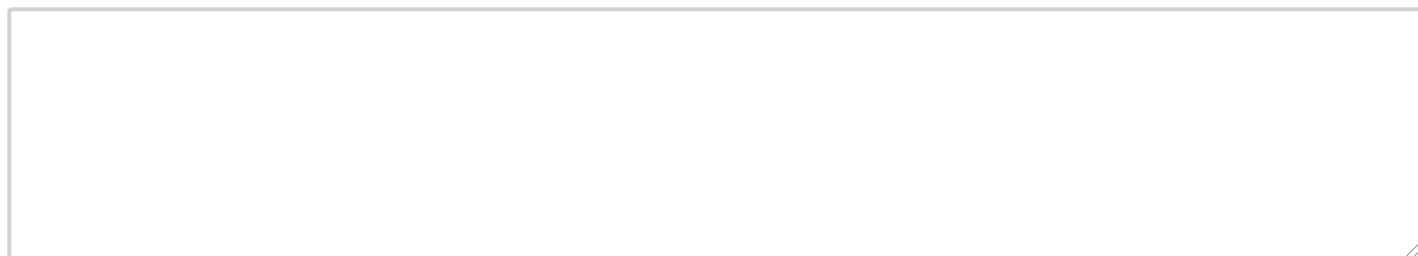
Describe these costs:

Estimate the value (as a number) for the costs described above:

Describe the **Legal** tasks that you performed for this investigation during the week of \${q://QID75/ChoiceGroup/SelectedAnswers/14}:



Describe the **Communications** tasks that you performed for this investigation during the week of \${q://QID75/ChoiceGroup/SelectedAnswers/14}:



Describe the **\*Other\*** tasks that you performed for this investigation during the week of \${q://QID75/ChoiceGroup/SelectedAnswers/14}:



This section will ask about **time spent** responding to the **Delta County Private Party Outbreak**, and the impact of the investigation on your other job responsibilities. As best as you can recall, respond to the following prompts:

Besides salary and wage costs, have you been responsible for any Public Health costs associated with this investigation during the week of \${q://QID75/ChoiceGroup/SelectedAnswers/14} **that you have not yet**

**described?** (E.g., Environmental sampling costs, Purchasing advertisements, Travel costs, etc.,)

Yes

No

Describe these costs:

Estimate the value (as a number) for the costs described above:

How many **Total Hours** did you contribute to this investigation during the week of  $\{q://QID75/ChoiceGroup/SelectedAnswers/14\}$ :

Select the response that most accurately describes the impact of this investigation on your **other work priorities** for the week of  $\{q://QID75/ChoiceGroup/SelectedAnswers/14\}$ :

Other work priorities were heavily neglected to focus on the investigation

Other work priorities were sometimes neglected to focus on the investigation

The investigation had no impact on my other work priorities

What percentage of your **typical work activities** have you been able to perform during the week of  $\{q://QID75/ChoiceGroup/SelectedAnswers/14\}$ ?

*(Example: if you completed 70% typical work responsibilities, 30% investigation duties, your response to this question should be 70%)*



0 10 20 30 40 50 60 70 80 90 100

% typical work  
responsibilities  
completed during  
investigation

Did you work **more than 40 hours** during the week of  
\${q://QID75/ChoiceGroup/SelectedAnswers/14} as a result of this investigation?

Yes

No

Were you compensated in some way for working overtime? If yes, please describe

*(e.g., paid for overtime, awarded comp time, provided a flexible schedule in the future to offset overtime, etc.,)*

Do you believe your role in this investigation is concluded?

Yes

No

Is there anything else you would like us to know about your involvement in this investigation or potential public health costs during the week of  
\${q://QID75/ChoiceGroup/SelectedAnswers/14}?

## Retrospective Tracking Block

What is your name (First Last)?

Is this your first time completing the survey? (You did not complete any prospective tracking)

Yes

No

The **retrospective survey** collects basic information about your role, tasks completed, wage/salary, hours worked, and other information pertinent to estimating the cost of this investigation. Only complete this retrospective survey if you are sure your role in the **Delta County Birthday Party Outbreak** is **complete**.

What is your email?

What organization do you work for?

What is your job title?

Please select the date you **began** to work on the Delta County Private Party Outbreak:

← September 2022 →

Su Mo Tu We Th Fr Sa

28 29 30 31 1 2 3

4 5 6 7 8 9 10

← September 2022 →

Su	Mo	Tu	We	Th	Fr	Sa
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8

Please select the date your work on the Delta County Private Party Outbreak **ended**:

← September 2022 →

Su	Mo	Tu	We	Th	Fr	Sa
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8

Select all of the **roles** that describe your response activities during the Delta County Private Party Outbreak:

Epidemiology

Communicable Disease Investigator

Public Health Nurse

Student Interviewer

Environmental Health

Agency Leadership/Investigation Team Management

Laboratory

Administrative

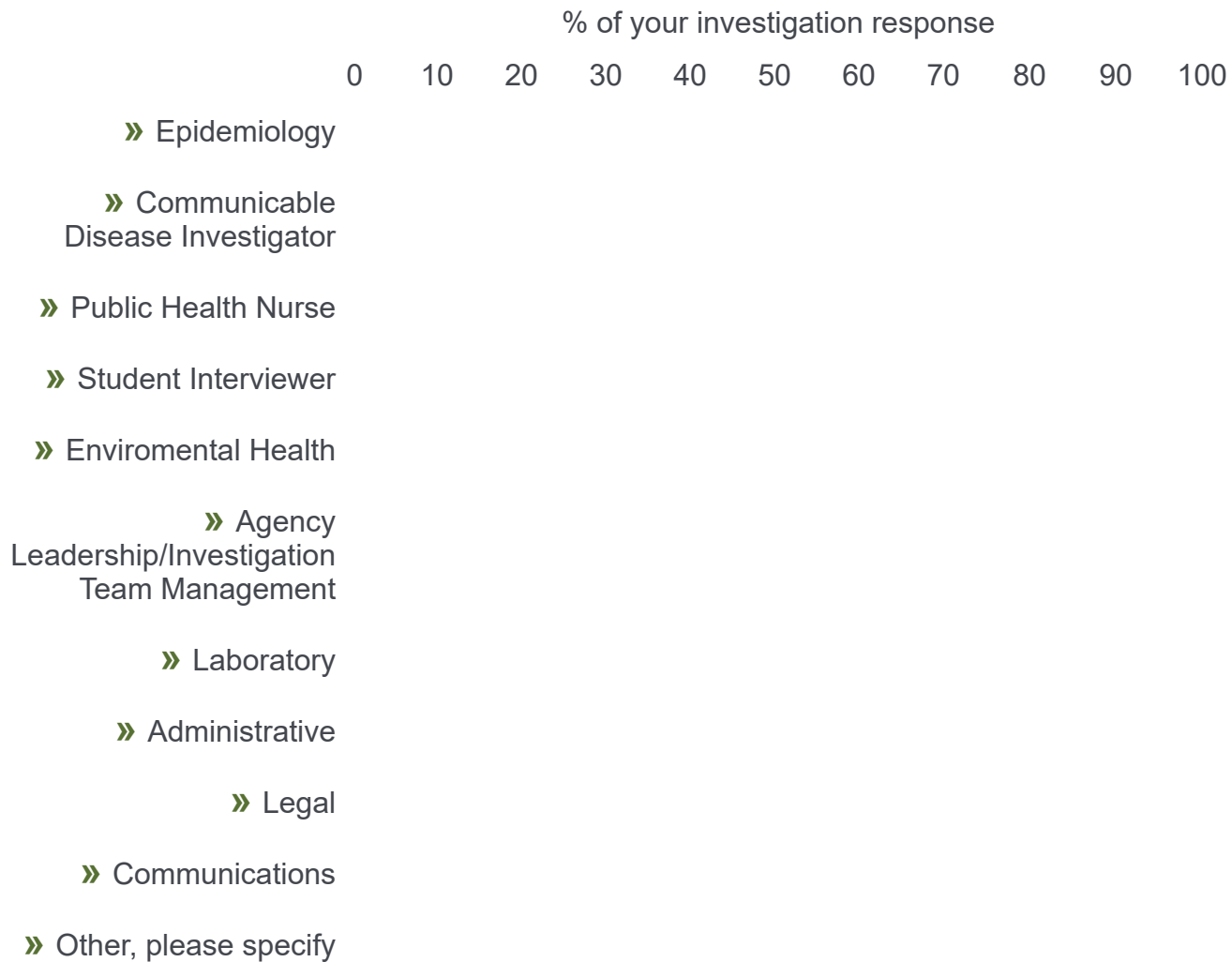
Legal

Communications

Other, please specify

What percentage of your time was spent performing each of the **roles** you selected for this investigation?

*\*be sure all percentages combine to equal 100%*



This section will ask about the activities you completed as part of the **Delta County Birthday Party Outbreak** and how much time each activity took. You will be asked to select and describe activities for each role you chose in the previous question.

*\*If you chose more than one role, choose the most fitting role to document each activity in*

Select all **Epidemiology** tasks that you performed for this investigation:

Routine case interviews

Supplemental case interviews

iwaspoisoned data management and distribution

Data entry

Data management

Data analysis

Communication with investigation team (email, meetings, etc.)

Communication with the public

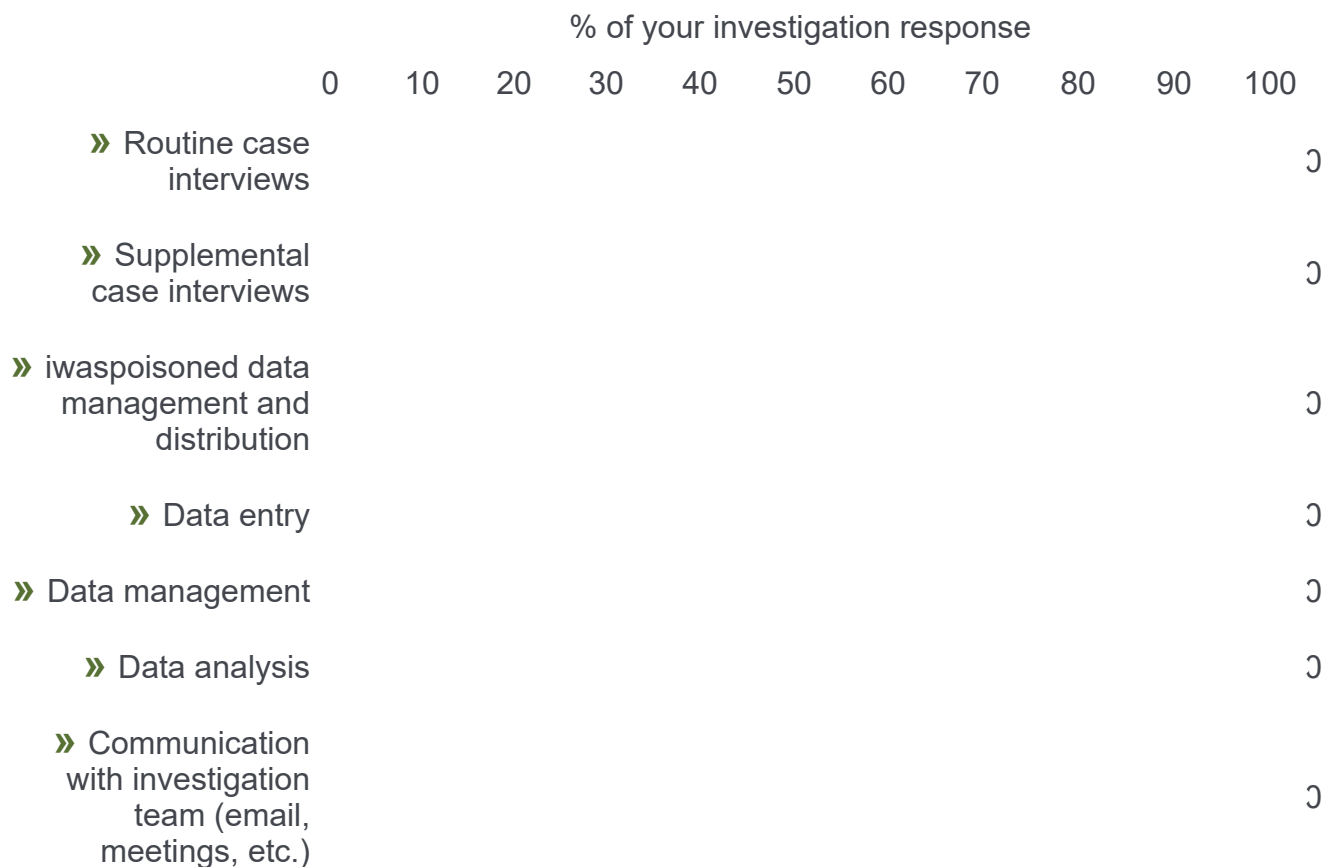
Coordinating specimen collection

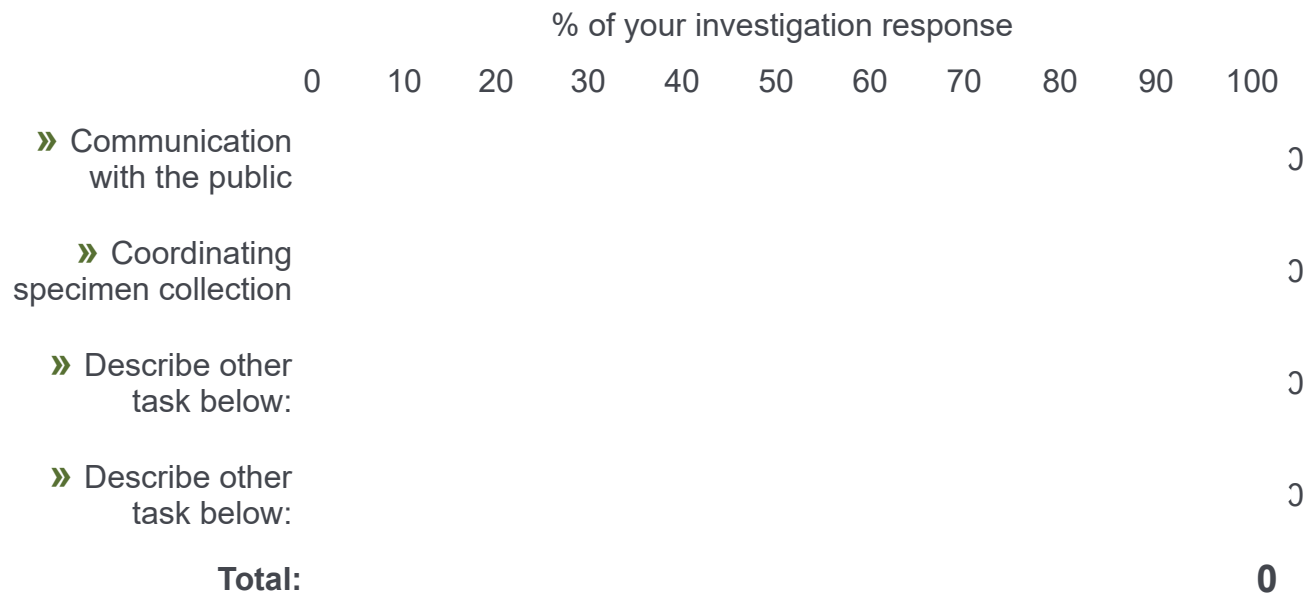
Describe other task below:

Describe other task below:

What percentage of your time was spent doing each of the activities you selected under the **Epidemiology** role?

*\*be sure all percentages combine to equal 100%*





Select all **Public Health Nurse** tasks that you performed for this investigation:

Routine case interviews

Supplemental case interviews

Data entry

Data management

Data analysis

Communication with investigation team (email, meetings, etc.)

Communication with the public

Coordinating specimen collection

Describe other task below:

Describe other task below:

What percentage of your time was spent doing each of the activities you selected under the **Public Health Nurse** role for this investigation?

*\*be sure all percentages combine to equal 100%*





Select all **Communicable Disease Investigator** tasks that you performed for this investigation:

Routine case interviews

Supplemental case interviews

Data entry

Data management

Data analysis

Communication with investigation team (email, meetings, etc.)

Communication with the public

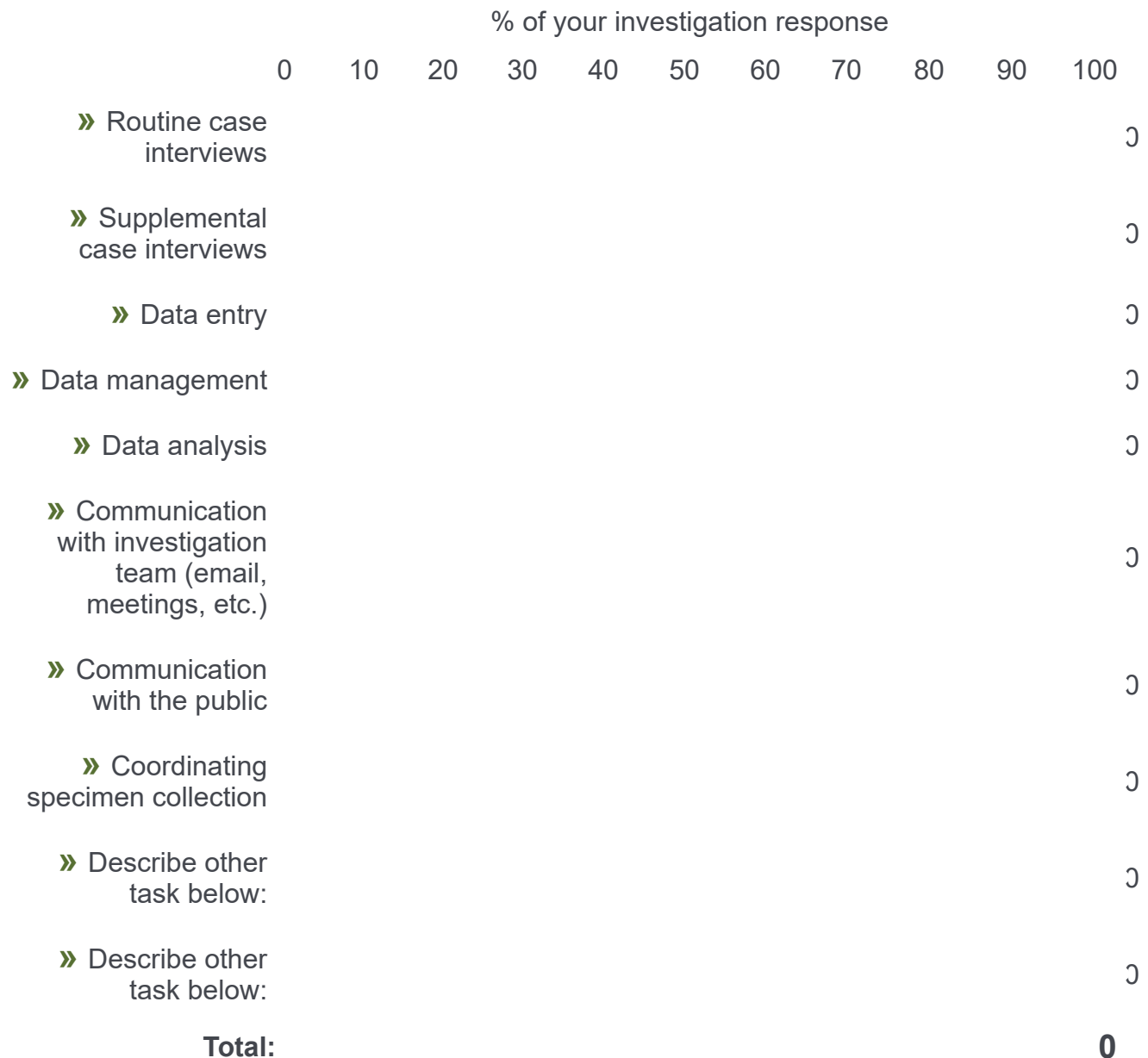
Coordinating specimen collection

Describe other task below:

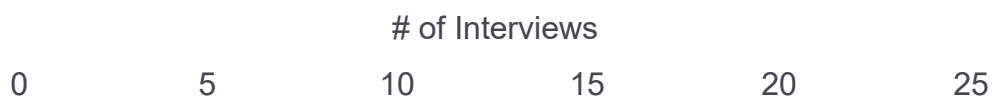
Describe other task below:

What percentage of your time was spent doing each of the activities you selected under the **Communicable Disease Investigator** role for this investigation?

*\*be sure all percentages combine to equal 100%*

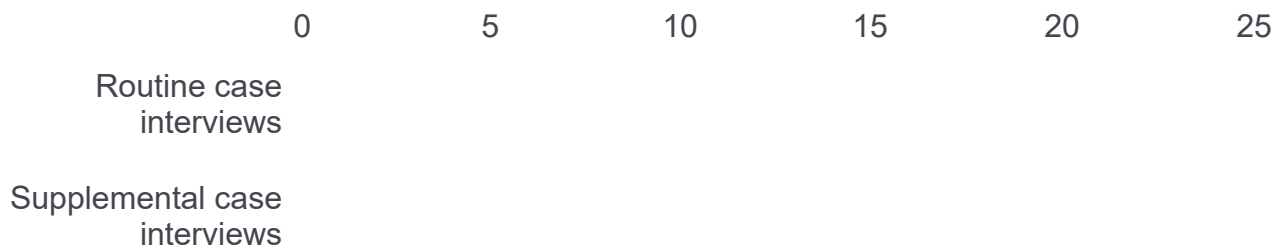


How many **interviews** did you complete for this investigation?





## # of Interviews



Select all **Enviromental Health** tasks that you performed for this investigation:

Environmental assessment

Interviewing food handlers

Coordinating specimen collection

Environmental sampling

Collecting records

Communication with investigation team (email, meetings, etc.)

Communication with the public

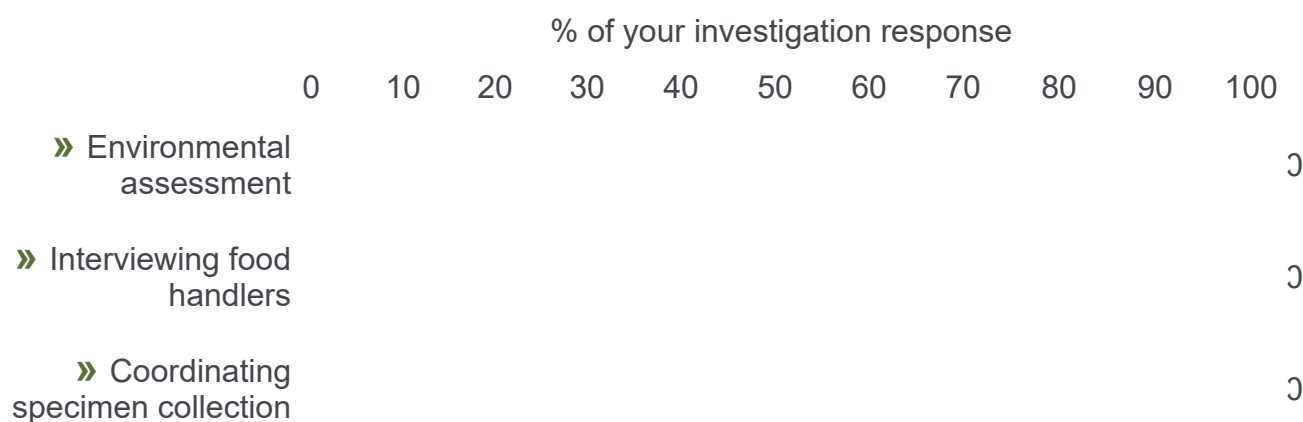
Describe other task below:

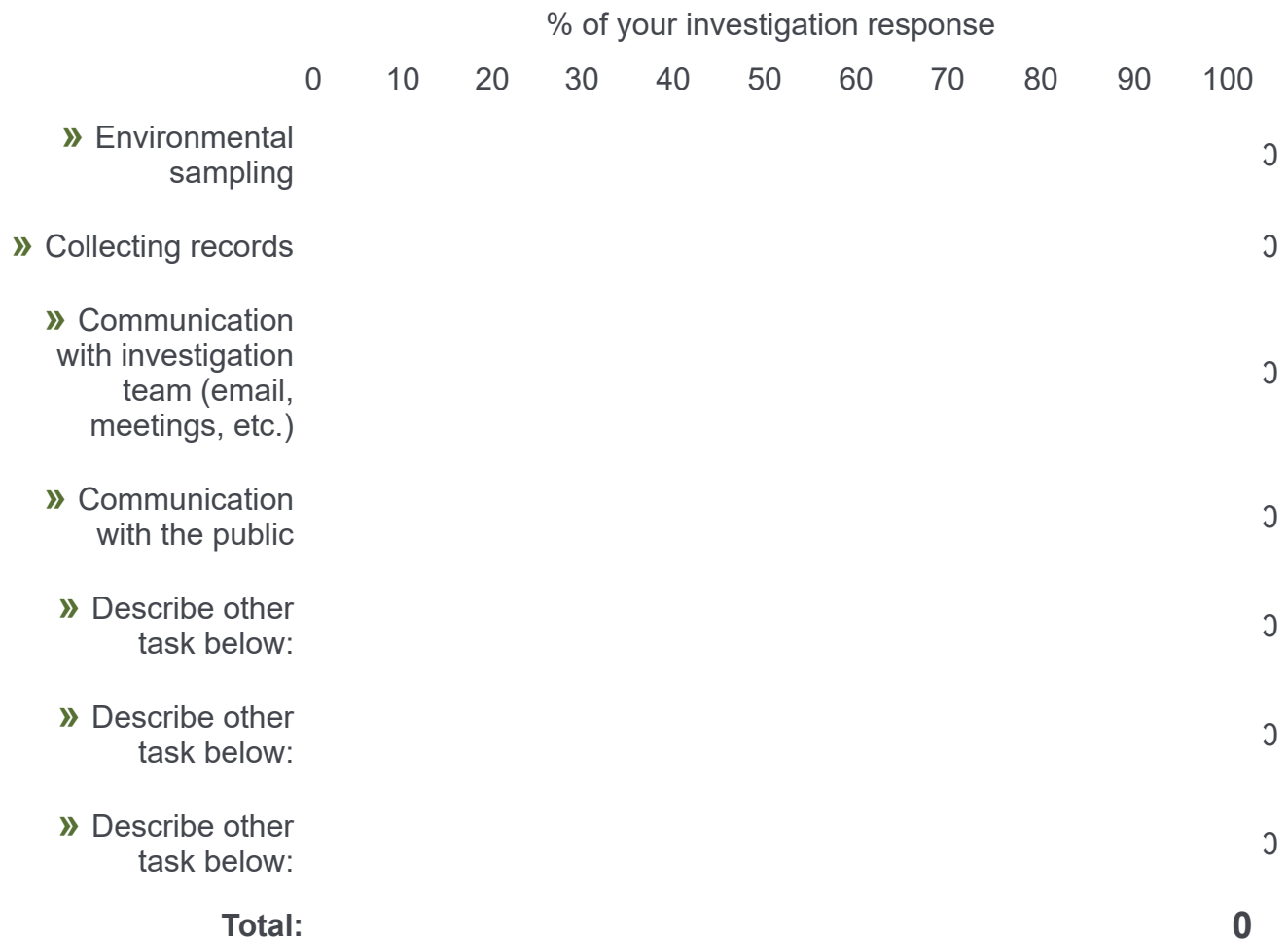
Describe other task below:

Describe other task below:

What percentage of your time was spent doing each of the activities you selected under the **Environmental Health** role for this investigation?

*\*be sure all percentages combine to equal 100%*





Select all **Student Interviewer** tasks that you performed for this investigation:

Routine case interviews

Supplemental case interviews

Data entry

Communication with investigation team (email, meetings, etc.)

Investigation specific trainings

Describe other task below:

Describe other task below:

Describe other task below:

What percentage of your time was spent doing each of the activities you selected under the **Student Interviewer** role for this investigation?

*\*be sure all percentages combine to equal 100%*



How many **interviews** did you complete for this investigation:



Describe the **Administrative** tasks that you performed during this investigation:

Describe the **Agency Leadership or Team Management** tasks that you performed during this investigation:

Select the **Laboratory** tasks that you performed for this investigation:

Coordinating or performing specimen collection

Performing testing or culturing on specimen related to this outbreak

Analyzing results on specimen

Communicating with leadership

Conducting literature reviews

Describe other task below:

Describe other task below:

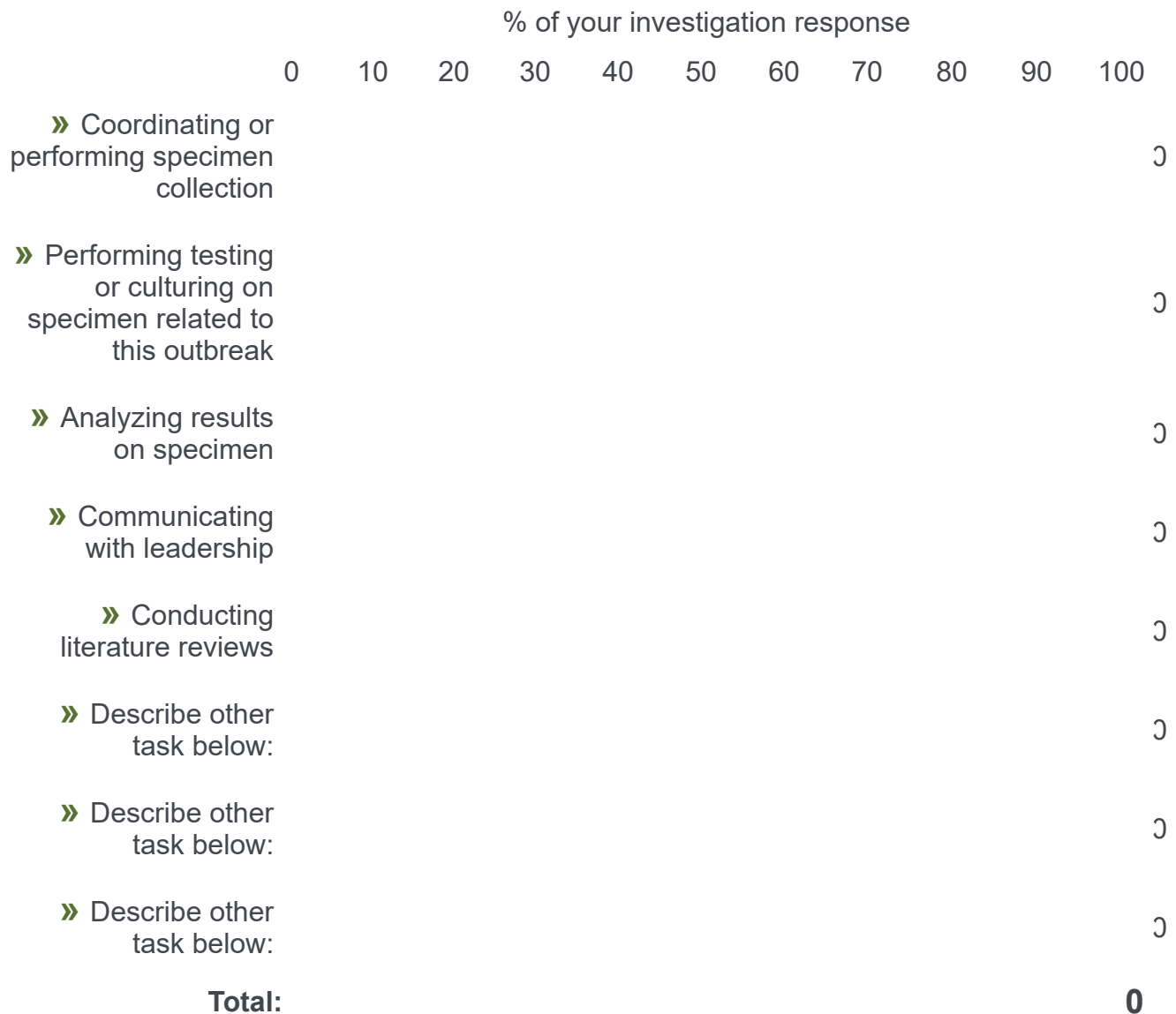
Describe other task below:

What percentage of your time was spent doing each of the activities you selected under the **laboratory** role for this investigation?

*\*be sure all percentages combine to equal 100%*

% of your investigation response

0	10	20	30	40	50	60	70	80	90	100
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Were there any **laboratory costs** (sampling, testing, etc.) associated with your role during this investigation?

Yes

No

Describe these costs:

Estimate the value (as a number) for the costs described above:

Describe the **Legal** tasks that you performed during this investigation:

Describe the **Communications** tasks that you performed during this investigation:

Describe the **\*other\*** tasks that you performed during this investigation:

This section will ask about your salary/wage, which will be used to accurately estimate staffing costs for this investigation.

*\*All answers will remain confidential*

Choose one option that best describes your employment compensation:

Salary

Paid hourly

Unpaid/volunteer

Do you work part-time or full-time?

Part-time (less than 40 hours per week)

Full-time (40 hours per week)

Other

What is your estimated annual salary?

0

40000

80000

120000

160000

200000

Approximate Salary

What is your estimated hourly wage? (*enter as a number*)

Besides salary and wage costs, have you been responsible for any **public health costs** associated with this investigation that you have not yet described? (E.g., Environmental sampling costs, purchasing advertisements, travel costs, etc.,)

Yes

No

Describe these costs:

Estimate the value (as a number) for the costs described above:

This section will ask about time spent responding to the **Delta County Birthday Party Outbreak**, and the impact of the investigation on your other job responsibilities. As best as you can recall, respond to the following prompts:

How many **Total Hours** did you contribute to this investigation:

Select the response that most accurately describes the impact of this investigation on your **other work priorities**:

Other work priorities were heavily neglected to focus on the investigation

Other work priorities were sometimes neglected to focus on the investigation

The investigation had no impact on my other work priorities

What percentage of your typical work activities have you been able to perform during this investigation?

*(Example: if you completed 70% typical work responsibilities, 30% investigation duties, your response to this question should be 70%)*

0 10 20 30 40 50 60 70 80 90 100

% typical work  
responsibilities  
completed during  
investigation

Did you ever work more than 40 hours a week as a result of this investigation?

Yes

No

Were you compensated in some way for working overtime? If yes, please describe



*(e.g., paid for overtime, awarded comp time, provided a flexible schedule in the future to offset overtime, etc.,)*

Is there anything else you would like us to know about your involvement in this investigation or potential public health costs associated with it?

This section will ask you to confirm the summary you recieved describing your hours worked and public health costs associated with your investigation response. If you have not recieved a summary of your weekly responses, please wait for Gabe Elson to email you.

After reviewing your hours worked, costs, and activities you completed as part of this investigation, do you believe it accurately reflects the public health costs associated with your investigation response?

Yes

No (Please Explain)

Is there anything else you would like us to know about your role in this investigation response or associated public health costs?

## Survey Completion

Please estimate your confidence in the costs and hours you provided as part of this outbreak:

0 - Not confident at all. 100 - Certain that hours and costs are perfectly accurate

0 10 20 30 40 50 60 70 80 90 100

Certainty in accuracy  
of your survey:

Please provide feedback on your experience completing this form and any suggestions for future improvements:

Thank you for completing the **Weekly Prospective Tracking** survey. To submit your answers or report hours for another week, navigate to the next page and select the provided link.

If you indicated in the survey that your role in this investigation is over, Gabe Elson (gabriel.elson@cuanschutz.edu) will email you a summary of your survey responses and final instructions.

Thank you

We greatly appreciate the time you have taken to report your contribution to the **Delta County Private Party Outbreak**. Once finalized, we will send project results to all participants. Please navigate to the next page to submit your survey.

Thank you