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Analyzing Survey Data

In Task 1-3 and Task 2-2, the team collected survey data from the team and community about what people think about food and nutrition.

Objective



In this task, the team will focus on analyzing the survey results of parts 1 and 2 of the surveys. This analysis will help the team better understand the following questions from the question map in Task 1-10:

- **What do people in our local community think and know about food and nutrition?**
- **What are ways we can share and communicate our action plan with the local community?**

1. Go to the Task 2-3 folder and get the Analyzing Survey Data instructions and questions.



2. Gather all the surveys completed in Task 1-3 and Task 2-2.

3. In this task, the team will look over only parts 1 and 2 of the survey—Background Information and Community.

4. As a team, determine how to compile the answers for parts 1 and 2 for all of the surveys collected in Task 1-3 and Task 2-2. You will want to analyze the compiled data for all surveys. Develop your own method for compiling the data, or use one of the methods in the instructions.

5. Create some graphs about this compiled data. Use the instructions and examples in the task folder to help you. Be creative!

6. Use the graphs and compiled data to answer these questions:

- What interesting patterns do you see in the data from the survey questions in parts 1 and 2?
- Which questions did most people agree about?

**Research Tip**

As you may have noticed, the survey is broken into the same parts as this research guide. Analyze only the results from that part of the survey while working on that Part of the guide to make the analysis more manageable.



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- Which questions did people have different responses to?
7. Discuss how this survey evidence could be useful when thinking about the question, **What do people in our local community think and know about food and nutrition?**
 8. Discuss how this survey evidence could be useful when thinking about the question, **What ways we can share and communicate our action plan with the local community?**
 9. Discuss how this survey evidence could be useful when thinking about the problem question, **How do we ensure good nutrition for all?**
 10. Select two or three questions from the survey, write a claim, and provide the supporting evidence for the claim based on the question and the data evidence collected. What evidence supports your claims?

For example:

- People on our community are very concerned about food and nutrition.
 - Social media is a useful way to communicate with our community.
11. As a team, share some claims you created and the evidence that supports each claim, using the survey data.

Hooray! You completed Task 2-3. Check it off the task list. *Go to Task 2-4!*





Task 2-3. Analyzing Survey Data

Options for Compiling Survey Data

First your team must compile the answers from the community surveys to all of the questions from parts 1 and 2: Background Information and Community. The team will look at the other parts of the survey in later tasks.

Here are some options for compiling the answers to the survey questions. But, as always, if you have a different method you prefer, do that!

Option 1

Hand out a blank survey to each person.

Go through each question and team members can raise their hands to vote for the answer they prefer. Some team members can count up the votes and others can write down the totals for the team.

Option 2

Write the questions on a board, paper, or computer where tallies can be compiled. Tally the responses and share the results.

Option 3

If you did the survey digitally or online, you should be able to see and export the results for each question.

Option 4

Create your own way of compiling survey data.

Graphing Survey Data

How could you graph parts of these survey results?

Which questions could you graph?

If you have the resources, pick some questions to graph that you think would be useful.

How would these graphs be useful when supporting claims with evidence?





Community Food Survey—Compiled Data

Use this blank survey to compile data.

Part 1. Background Information

Age				
0–10	11–20	21–40	41–64	65+

Gender				
Male	Female	Nonbinary/third gender	Prefer to self-describe _____	Prefer not to say

What is the name of the community you live in?

Where is your home?			
City	Village	Rural	Town
Peri-urban (city outskirts)	Other (please specify)		

Availability of communications media in the house (check all that apply)			
Television	Newspaper	Radio	Computer
Tablet	Internet	Telephone	Mobile phone
SMS	Social media	Mobile phone with Internet	Other





Part 2. Community

Is this the first time someone has surveyed you about food, nutrition, and health issues?		
Yes	No	Unsure

How would you rate your overall health?					
1. Excellent	2. Very good	3. Good	4. Fair	5. Poor	6. Unsure

How would you rate the overall health of the people in your community?					
1. Excellent	2. Very good	3. Good	4. Fair	5. Poor	6. Unsure

How concerned are you about food in your community?					
1. Not concerned	2. Slightly concerned	3. Concerned	4. Very concerned	5. Extremely concerned	6. Unsure

Where do you get <i>most</i> of your information about food, diet, and nutrition? (check all that apply)			
Family	Friends	Television	Doctor
Nurse	Internet	Magazines	Research articles
Books	Teacher/school	Food advertisements	Social media
I don't know	Other (please list)		





Part 3. Nutritional Building Blocks

How good is your knowledge about what makes up a healthy, well-balanced meal?					
1. Excellent	2. Very good	3. Good	4. Fair	5. Poor	6. Unsure

How often do you think about the nutritional value of food when deciding what to eat?			
1. Often	2. Sometimes	3. Not at all	4. Unsure

How familiar are you with your national or regional food guidelines for what to eat?					
1. Excellent	2. Very well	3. Good	4. Fair	5. Poor	6. Unsure

How well do you understand the following types of nutritional information?					
A. Nutritional information leaflets/brochures					
1. Not at all	2. Hardly	3. Somewhat	4. Well	5. Very well	6. Unsure
B. Food label information					
1. Not at all	2. Hardly	3. Somewhat	4. Well	5. Very well	6. Unsure
C. TV/radio/Internet programs on food and nutrition					
1. Not at all	2. Hardly	3. Somewhat	4. Well	5. Very well	6. Unsure
D. Verbal recommendations regarding food and nutrition from professionals					
1. Not at all	2. Hardly	3. Somewhat	4. Well	5. Very well	6. Unsure
E. Food nutrition advice from family members or friends					
1. Not at all	2. Hardly	3. Somewhat	4. Well	5. Very well	6. Unsure

Based on how you eat regularly, what is your eating style? (check all that apply)				
Fast eater	Erratic eater	Emotional eater (stressed, bored, sad, etc.)	Late night eater	Time-constrained eater
Dislike "healthy" food	Travel frequently	Do not plan meals/menus	Rely on convenience items	Family member(s) have different tastes
Love to eat	Eat too much	Eat because I have to	Negative relationship with food	Struggle with eating issues
Confused about food/nutrition	Frequently eat fast food	Poor snack choices	Do not have easy access to regular meals	Frequently eat alone





Part 4. Access and Storage

Think about a usual day. How easy or hard is it for you to access fresh, healthy food?					
1. Very hard	2. Hard	3. Somewhat easy	4. Easy	5. Very easy	6. Unsure

Where do you buy food in your community? (check all that apply)			
1. Outdoor market	2. Farmers' market	3. Directly from farmers	4. Supermarket
5. Convenience store	6. Formal restaurant	7. Casual restaurant	6. Other (please specify) _____
From the places you indicated above, where do you go most frequently go to buy food?			

How close to where you live is the location where you most often buy food?				
1. Very close	2. Somewhat close	3. Far	4. Very far	Unsure

How do you travel to the places where you buy food in your community?				
1. Personal vehicle	2. Motorcycle/motorbike	3. Public transportation	4. Taxi	5. Bicycle
6. Walk	7. Unsure	Other (please specify)		

Where do you store food for your household? (check all that apply)			
1. Outdoor structure	2. Refrigerator	3. Freezer	4. Community structure
5. Pantry/cabinet	6. Unsure	Other (please specify)	





Part 5. Cooking and Preservation

How often do you cook your own meals at home alone or with your family?			
1. 0 to 2 times a week	2. 3 to 5 times a week	3. 6 to 8 times a week	4. More than 8 times a week

How comfortable are you with the tools (knives, pans) and techniques (cooking over fire) to cook food?					
1. Extremely comfortable	2. Very comfortable	3. Slightly comfortable	4. Slightly uncomfortable	5. Very uncomfortable	6. Extremely uncomfortable

How comfortable are you following recipes?					
1. Extremely comfortable	2. Very comfortable	3. Comfortable	4. Slightly uncomfortable	5. Very uncomfortable	6. Unsure

How comfortable are you with accessing information about cooking ingredients you have not used or eaten before?					
1. Extremely comfortable	2. Very comfortable	3. Comfortable	4. Slightly uncomfortable	5. Very uncomfortable	6. Unsure

What food preservation techniques do you know about or have you done? (check all that apply)			
1. Jellying	2. Drying	3. Bottling	4. Jugging
5. Fermenting	6. Pickling	Other (please specify)	7. Not sure





Part 6. Food Security

Are you aware of people in your community who have diet-related health issues?				
Yes	No	Unsure		
If yes, which ones?				
Malnutrition	Obesity	Diabetes	Hypertension	Cardiovascular disease
Anorexia	Bulimia			

Are you aware of areas or people in your community that do not have easy and safe access to food markets?			
Yes	No	Unsure	
If yes, what are some reasons why?			

Are you aware of individuals or families who find it difficult to afford food in your community?			
1. Very aware	2. Somewhat aware	3. Not aware at all	4. Unsure

Historically speaking, are you aware of any changes in food-related problems in your community today when compared to the past?			
1. Very aware	2. Somewhat aware	3. Not aware at all	4. Unsure
If so, are you aware of the possible reasons for this change?			

Are you aware of any changes in the diversity, or number of different types, of food available or eaten in the community?			
1. Very aware	2. Somewhat aware	3. Not aware at all	4. Unsure
If so, are you aware of the possible reasons for this change?			





Part 7. Action Plan

Are you aware of food services or programs in your community?		
Yes	No	Unsure
If yes, which services?		

Where do you receive information on food and nutrition programs in the community? (check all that apply)				
Personal experience/observation	Family/friends	School/university	Television	Radio
Print/newspaper	Social media	Internet	Mobile phone	Doctors/health workers
Government	Other	Unsure		

Which source(s) do you most trust for accurate information about food and nutrition? (check all that apply)				
Personal experience/observation	Family/friends	School/university	Television	Radio
Print/newspaper	Social media	Internet	Mobile phone	Doctors/health workers
Government	Other	Unsure		

Do you currently take any action to help you, your family, or your community related to local food issues?		
Yes	No	Unsure
If yes, what action?		

Go back to the Research Guide

