

Exercise: AHN Learning Lab on Economic Evaluation (group work)

ACTIVITY I:

1. Each group member read the Case Study provided (*An integrated agriculture and health program to improve nutrition outcomes using bio-fortified sweetpotato*)
2. Open the [excel spreadsheet here](#) (or we can email it to you). There are four worksheet tabs on the excel file.
 - a. The Mama SASHA project impact pathway, for information only.
 - b. A worksheet tab titled 'Activity-tracking sheet' that you will fill in as a group.
 - c. A worksheet tab titled 'List inputs' that you will fill in for one or two activities, time permitting.
 - d. A worksheet tab titled list of 'Activity and input codes_defn' that list broad activity codes and inputs with definitions for these cost categories.
3. Based on the above information you read about the Mama SASHA intervention, list the project activities in the 'Activity-tracking sheet' worksheet tab. Fill in the worksheet so that you have identified the activities that are essential for delivering the intervention.
 - a. Click the worksheet 'Activity-tracking sheet' to open it.
4. Here are instructions on how to fill out the worksheet:
 - a. Column A, list each activity separately in each row. You can use headers (i.e. training) to group similar types of activities.
 - i. For each activity you list in Column A, work your way across the row (columns B to M) to fill in the table.
 - ii. You can fill it in as you go, or if you prefer, you can fill in the other columns after you list all your activities.
 - b. Column B provides you with a drop down menu to assign a broad activity category. Use this to map your activity to a more general/broad activity category.
 - c. Column C and D, mark the cell with an 'x' if the activity is a **start up** or **recurrent cost**.
 - i. DEFINITION: **Start up costs** are typically one time only and they occur in the first 6 months of the project.
 - ii. DEFINITION: **Recurrent costs** are typically costs that occur with activities that happen daily, weekly, monthly or quarterly. They are costs associated with on-going implementation of the project.
 - d. Column E, mark the cell with an 'x', if the activity is essential for integrating activities and stakeholders across agriculture, health and nutrition sectors.
 - e. Columns F, G, H, and I, mark the cell with an 'x' if the listed partner uses financial or economic resources to deliver the project.
 - i. DEFINITION: **Financial Costs** represent the **actual expenditure** on goods and services purchased.
 - ii. DEFINITION: **Economic Costs** are defined as the *opportunity cost* or **the value of resources used to produce something**. Economic costs include the value of all resources used. The **value** includes the value of donated goods, space, airtime, labor and subsidies
 - f. Columns J and K, list the types of volunteer (or volunteers) supporting the Mama SASHA project, and then mark the cell with an 'x' if the activity relies on volunteer labor.

- g. Column L, mark the cell with an 'x' if the activity might also lead to or incur beneficiary costs. (OPTIONAL)
 - h. Column M, mark the cell with an 'x' if you think there may be some research costs associated with the activity.
5. Now that you have identified the activities, choose one or two broad activities, like management, training, materials development, etc. and identify the resources or inputs needed for those activity groups.
- a. Click the worksheet titled 'List inputs' to open it.
 - b. Column A: Copy the activity group from column A in the 'Activity-tracking sheet' to Column A on the 'List inputs' sheet.
 - c. Column B: Use the drop down menu to list the range of inputs you think will be needed to implement the activity. See the provided example for management. Management needs personnel, overhead costs and supplies.
 - i. For each activity think about the resources needed for each discrete activity (personnel/staff/volunteers, supplies, materials, venue, transport, vehicles, agricultural inputs, etc)

ACTIVITY II:

Draft a specific objective to conduct the following analyses, list the comparators where relevant. List the final metric that will be estimated for each type of economic evaluation analysis:

Type of economic analysis	What is the denominator?	Draft an objective
Cost analysis		
Cost effectiveness analysis		
Cost-utility analysis		