

Nepal

mVAM Methodology



vam
food security analysis

Survey design:

While developing a survey methodology that is designed to produce representative estimates, the ultimate sampling units need to be selected randomly, and they need to have a fixed probability of being selected that can be calculated. Taking these requirements into account, the following methodology has been used to conduct the survey:

Step 1: *Face-to-face baseline survey using a representative sample of the population of interest:*

The baseline survey followed a multi-stage stratified cluster design in which 98 PSUs were selected at the first stage, followed by 15 households interviewed in each PSU at the second stage resulting in a total of 1470 households (60% of whom were able to provide their phone numbers and hence could be contacted via telephone calls at the next round). In addition, 96 traders from markets in close proximity to the households and the district headquarters were also interviewed.

Step 2: *Live telephone interviews and face-to-face surveys with the households surveyed during step 1 at defined intervals.*

The next step involved making live telephone calls to households with access to mobile phones as well as face-to-face interviews for households without phones. A total of 1400 households and 89 traders were successfully interviewed in the first round, 6 months after the baseline survey was completed.



Map 1: Survey sites selected for the Nepal mVAM dual survey model

Survey tools:

The household survey questionnaire was administered primarily to the head of the household. In cases where household heads could not be reached after multiple attempts, adults who understood the household affairs were interviewed. The market questionnaire was administered to the traders at shops.

Contacts:

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mVAM Questionnaire

NeKSAP household survey 2017

1. Specify the type of survey

- Telephone interview - Household with phone
- Face to Face interview - Household without phone
- Face to Face interview - Household with phone
- Face to Face - Household with phone but could not be contacted by phone
- Face to Face-New household

Name of the interviewer:

Module 1: General Information

2. Name of the district:

- Bajhang
- Bajura
- Darchula
- Dolpa
- Humla
- Jumla
- Kalkot
- Mugu

3. Name of the respondent:

Unique respondent number:

4. Can this interview be conducted?

- Yes
- No

If not, why?

- Respondent did not pick up the phone
- Respondent refused to participate
- Respondent seemed out of network coverage area
- F2F-Respondent not found
- Other

Module 2: Household demographic and socio-economic status

1. Is the respondent same person as the one interviewed during baseline?

- Yes
- No

2. Is the respondent the head of the household?

- Yes
- No

3. If not, relationship to the head of household:

- Spouse
- Child
- Parent
- Sibling
- Grand-child
- Grandparent
- Other relative
- No relation

4. How many people currently eat from the same kitchen in your household?

5. What have been the major sources of income for your household over the last 4 months? (maximum 5)

- Agriculture (mostly cereal production)
- Agriculture (mostly cash/high value crops)
- Livestock farming
- Agriculture wage labour (Unskilled)
- Other unskilled labour (porter,stone quarry worker,etc)
- Skilled labour (masonry,carpentry,etc)
- Remittance
- Salaried Employment(Govt/private companies/NGO/Ingo)
- Trade/Shop keeping
- Sale of NTFP
- Social benefit schemes
- Humanitarian/Development assistance
- Other

Specify other income source:

6. Select the most important income source:

- Agriculture (mostly cereal production)
- Agriculture (mostly cash/high value crops)
- Livestock farming
- Agriculture wage labour (Unskilled)
- Other unskilled labour (porter,stone quarry worker,etc)
- Skilled labour (masonry,carpentry,etc)
- Remittance
- Salaried Employment(Govt/private companies/NGO/Ingo)
- Trade/Shop keeping
- Sale of NTFP
- Social benefit schemes
- Humanitarian/Development assistance
- Other

7. Select the second most important income source:

- Agriculture (mostly cereal production)
- Agriculture (mostly cash/high value crops)
- Livestock farming
- Agriculture wage labour (Unskilled)
- Other unskilled labour (porter,stone quarry worker,etc)
- Skilled labour (masonry,carpentry,etc)
- Remittance
- Salaried Employment(Govt/private companies/NGO/Ingo)
- Trade/Shop keeping
- Sale of NTFP
- Social benefit schemes
- Humanitarian/Development assistance
- Other

8. Select the third most important income source:

- Agriculture (mostly cereal production)
- Agriculture (mostly cash/high value crops)
- Livestock farming
- Agriculture wage labour (Unskilled)
- Other unskilled labour (porter,stone quarry worker,etc)
- Skilled labour (masonry,carpentry,etc)
- Remittance
- Salaried Employment(Govt/private companies/NGO/Ingo)
- Trade/Shop keeping
- Sale of NTFP
- Social benefit schemes
- Humanitarian/Development assistance
- Other

9. Select the fourth most important income source:

- Agriculture (mostly cereal production)
- Agriculture (mostly cash/high value crops)
- Livestock farming
- Agriculture wage labour (Unskilled)
- Other unskilled labour (porter,stone quarry worker,etc)
- Skilled labour (masonry,carpentry,etc)
- Remittance
- Salaried Employment(Govt/private companies/NGO/Ingo)
- Trade/Shop keeping
- Sale of NTFP
- Social benefit schemes
- Humanitarian/Development assistance
- Other

10. Select the fifth most important income source:

- Agriculture (mostly cereal production)
- Agriculture (mostly cash/high value crops)
- Livestock farming
- Agriculture wage labour (Unskilled)
- Other unskilled labour (porter,stone quarry worker,etc)
- Skilled labour (masonry,carpentry,etc)
- Remittance
- Salaried Employment(Govt/private companies/NGO/Ingo)
- Trade/Shop keeping
- Sale of NTFP
- Social benefit schemes
- Humanitarian/Development assistance
- Other

Module 4: Market Access

1.What kind of goods are currently sufficiently available in the market for purchase ?

- Cereals
- Pulses
- Vegetables
- Fruits
- Edible oils
- Agriculture tools/Inputs
- Other non food items(soap,shoes,clothes,etc)
- Other

Specify other goods:

2.Did you also use the market to sell your produce over the last 4 months?

- Yes
- No

Module 5: Migration and Remittance

1. Does your household have an absentee/out-migrant ?

- Yes
- No

2. If yes, have female members also migrated?

- Yes
- No

3. Where did the family member(s) migrate to?

- Within Nepal
- India
- Gulf countries/Malaysia

Others

4. What was the purpose for migration?

Employment

Non-employment

5. Approximately, how much money in total did you receive or was brought back by your migrated member(s) in the last

4 months?

Module 6: Availability - Food stocks

1. Approximately, how many days do you think your current cereal stock will last?

Module 7: Expenditure

1. What was your total expenditure (food and non food) over the last 30 days?

2. Approximately, how much did you spend on buying food items in the last 30 days?

3. Approximately, how much did you spend on buying the non-food items?

Module 8: Utilization - Food consumption

1. How many days in the last 7 days did your household consume cereals and tubers (Rice,Wheat,Barley,Potato,white sweet potato)?

1.1. Source of cereals and tubers:

Own product

Market purchase

Aid/gift/donation

2.How many days in the last 7 days did your household consume pulses (beans,cow peas,lentils,etc)?

2.1 Source for pulses:

Own products

Market purchase

Aid/gift/donation

3.How many days in the last 7 days did your household consume milk and dairy (fresh milk, yogurt,cheese,dairy products)?

3.1.Source for milk and dairy:

Own production

Market purchase

Aid/gift/donation

4.How many days in the last 7 days did your household consume meat, fish and eggs?

4.1.Source for meat, fish and eggs:

- Own production
- Market purchase
- Gathering wild foods/hunting
- Aid/gift/donation

5.How many days in the last 7 days did your household consume vegetables and leaves?

5.1.Source for all vegetables and leaves:

- Own production
- Market purchase
- Gathering wild foods/hunting
- Aid/gift/donation

6. How many days in the last 7 days did your household consume fruits?

6.1 Source of fruits:

- Own production
- Market purchase
- Gathering wild foods/hunting
- Aid/gift/donation

7.How many days in the last 7 days did your household consume oils and fats?

7.1.Source for oils and fats:

- Own production
- Market purchase
- Gathering wild foods/hunting
- Aid/gift/donation

8.How many days in the last 7 days did your household consume sugar, honey?

8.1.Source for sugar:

- Own production
- Market purchase
- Gathering wild foods/hunting
- Aid/gift/donation

Module 9: Vulnerability

1.Did your household face any problem/shock in the last 6 months?

- Yes
- No

2. If yes, what was the most important problem/shock your household faced?

- Loss of crops due to drought

- Loss of crops due to floods
- Loss of crops due to pests/diseases
- Loss of crops due to hail stone
- Livestock loss
- Lack or loss of employment
- Human disease/illness or accident of HH members
- Death of working HH member
- Food price increase
- No food supply in relevant market
- Theft/kidnapping/fraud
- Fire
- Failure of HH business
- Low price of HH business product

3. Has your household now recovered from the shock?

- Not recovered at all
- Partially recovered
- Completely recovered

Module 10: Coping Strategies

1. In the last 30 days, have there been times when your household did not have enough food or money to buy food?

- Yes
- No

2. If yes,

2.1. Did your household borrow money/food from a formal/informal lender (bank, relatives, neighbors etc) ?

- Yes
- No, it was not necessary
- No, because I already did it before and cannot continue to do it
- Not applicable

2.2. Did your household sell more animals (non productive) than usual?

- Yes
- No, it was not necessary
- No, because I already did it before and cannot continue to do it
- Not applicable

2.3. Did your household sell household assets/goods(radio,furniture,refrigerator, tv, jewelry etc..)?

- Yes
- No, it was not necessary
- No, because I already did it before and cannot continue to do it
- Not applicable

2.4. Did your household sell productive assets (agriculture tools, wheelbarrow, power tiller, sewing machine etc..)?

- Yes
- No, it was not necessary

- No, because I already did it before and cannot continue to do it
- Not applicable

2.5. Did your household withdraw children from school?

- Yes
- No, it was not necessary
- No, because I already did it before and cannot continue to do it
- Not applicable

2.6. Did your household harvest immature crops?

- Yes
- No, it was not necessary
- No, because I already did it before and cannot continue to do it
- Not applicable

2.7. Did your household sell last female animals?

- Yes
- No, it was not necessary
- No, because I already did it before and cannot continue to do it
- Not applicable

2.8. Did your household sell house or land?

- Yes
- No, it was not necessary
- No, because I already did it before and cannot continue to do it
- Not applicable

3. How many days in the last 7 days did your household:

- 3.1. rely on less preferred, less expensive food?
- 3.2. borrow food or relied on help from friends or relatives?
- 3.3. reduce the number of meals eaten per day?
- 3.4. reduce portion size of meals?
- 3.5. reduce the quantities consumed by adults/mothers for young children?

Would you like to tell us more about the food security situation in your community?

Do you have a phone number or are you able to give us now?

- Yes, phone number:
- No

Current GPS (GPS coordinates can only be collected when outside.):

latitude (x.y °)

longitude (x.y °)

altitude (m)

accuracy (m)

Market Monitoring 2017 – Mid Far-west Mountain

Is this a telephone survey?

- Yes
- No

General information:

1. Name of the district?
 2. Name of the VDC?
 3. Name of interviewer?
 4. Name of respondent?
-
5. Can this interview be conducted?
 - Yes
 - No

If not why?

- Respondent did not pick up the call
- Respondent refused
- Respondent could not be contacted
- Other, other reason:

Market Information

1. Name of market:
2. Type of market:
 - Primary DHQ
 - Secondary

Road connectivity and transportation

1. Wholesale market from where traders purchase goods (Name of the place)
2. Cost of the transportation from source wholesale market (Per quintal)

Information of key food commodities:

1. Retail price of key food commodities:

Coarse rice (Rs/Kg):

Wheat flour Atta (Rs/Kg):

Soyabean oil (Rs/Liter):

Broken lentil (Rs/Kg):

Potato (Rs/Kg):

Chicken meat (Rs/Kg):

2. How is the overall availability of food commodity in the market you operate in? (e.g. rice, lentil, edible oil)

- Sufficient
- Insufficient

3. What is the current stock of following items in your shop?

Rice (Coarse) Kg:

Wheat flour (Atta) Kg:

Pulses (Daal all types) Kg:

Edible oil (All brands) Liter:

Market conditions

1. Is there any change in demand for food commodities since last one month?

- Increase
- Remain same
- Decrease

2. If there is a change, which food commodities demand is changed?

- Cereals
- Pulses
- Edible oils
- Vegetables
- Others, other specify:

3. Is there any change in supply since last month?

- Improved
- Remained same
- Disruption

4. If there is change, which food commodities supply situation has changed?

- Cereals
- Pules
- Edible oils
- Vegetables
- Others. specify others:

5. Is there any change in transportation services since last one month?

- Improved
- Remained same
- Disruption

Remarks: