Final Performance Evaluation of the Fararano Development Food Security Activity in Madagascar



March 2020 | Volume II — Annexes J, K, L

IMPEL | Implementer-Led Evaluation & Learning Associate Award







ABOUT IMPEL

The Implementer-Led Evaluation & Learning Associate Award works to improve the design and implementation of Food for Peace (FFP)-funded development food security activities (DFSAs) through implementer-led evaluations and knowledge sharing. Funded by the USAID Office of Food for Peace (FFP), the Implementer-Led Evaluation & Learning Associate Award will gather information and knowledge in order to measure performance of DFSAs, strengthen accountability, and improve guidance and policy. This information will help the food security community of practice and USAID to design projects and modify existing projects in ways that bolster performance, efficiency and effectiveness. The Implementer-Led Evaluation & Learning Associate Award is a two-year activity (2019-2021) implemented by Save the Children (lead), TANGO International, and Tulane University in Haiti, the Democratic Republic of Congo, Madagascar, Malawi, Nepal, and Zimbabwe.

RECOMMENDED CITATION

IMPEL. (2020). Final Performance Evaluation of the Fararano Development Food Security Activity in Madagascar (Vol. 2). Washington, DC: The Implementer-Led Evaluation & Learning Associate Award

PHOTO CREDITS

Three-year-old child, at home in Mangily village (Toliara II District), after recovering from moderate acute malnutrition thanks to support from the Fararano Project. Photo by Heidi Yanulis for CRS.

DISCLAIMER

This report is made possible by the generous support of the American people through the United States Agency for International Development (USAID). The contents are the responsibility of the Implementer-Led Evaluation & Learning (IMPEL) award and do not necessarily reflect the views of USAID or the United States Government.

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Note: For the full evaluation report and Annexes A-I, please refer to Volume 1 of the Final Performance Evaluation of the Fararano DFSA in Madagascar.

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ANNEX J: DATA COLLECTION INSTRUMENTS

Part A: Qualitative Study Topical Outlines

SUMMARY: COMMUNITY (FOKOTANY) LEVEL FOCUS GROUP DISCUSSIONS (FGD) AND KEY INFORMANT INTERVIEWS (KII)

TOPICAL OUTLINE NUMBER	SUMMARY DESCRIPTION	SPECIFIC GROUP COMPOSITION
1	KII with Fokotany Leaders	Fokotany President + 2-3 (members of VDC/KFF or ART (Religious and Traditional Authorities)
		At least one KI must be female.
2	FGD with Community Natural Resource	Mixed Male-Female Group with 5-10
	Management (NRM) Volunteers	members of the Fokotany NRM Committee
3	FGD with Mothers (who benefited from	Mothers (10-12 max) who were members of
	First 1,000 Days Approach)	"Groupe de Voisinage" and received
		supplementary food rations
4	FGD with Lead Mothers (Reny	Lead Mothers (10-12) who participated in a
	Mpitarika)	Care Group+ Rep. of CSB (Centre de Sante
		de Base) if possible
5	KII with Gender Volunteer/Champion	Designated Miranjaka for the Fokotany (if
	(Miranjaka)	more than one, include all)
6	FGD with Lead Farmers ("Paysans	Lead Farmers (10-15 max) who facilitated
	Leaders/Mpamukatra Mpitarika) &	"Groupes Dynamiques" of Farmers +
	Members of Producer Organization	Members of a Producer Organization (Mixed
		Male-Female Group)
7	FGD with Community Disaster Risk	Mixed Male-Female Group with 5-10
	Management (DRM) Volunteers	members of the Fokotany DRM Committee
8	FGD with Savings Group (SILC) Members	Mixed male-Female Group of all available
		members of one SILC group
9	FGD with Youth	Mixed Male-Female Members of a Youth
		Group or other Project Activities
10	Asset Observation of Infrastructure	Visit to select sites of feeder road, water,
	Investments	sanitation and irrigation investments

GUIDING QUESTIONS FOR SENIOR CRS STAFF¹ KEY INFORMANT INTERVIEWS

I. PURPOSE OF INTERVIEWS WITH SENIOR CRS STAFF

The overall purpose for conducting these interviews is to get a qualitative assessment from select senior CRS staff of the impact/effectiveness of the Fararano project and strengths and weaknesses of the major intervention models used across three regions and four local implementing partners. More specifically, the following types of information will be sought:

- 1) The role of the Key Informant in Fararano and how long they were involved in the project;
- 2) Key Informant's perspective of the strongest aspects of the <u>overall</u> Fararano design and its most successful intervention models;
- 3) Perceived performance of the project across its three regions and four local implementing partners;
- 4) Greatest successes in the Key Informant's specific area of responsibility;
- 5) Greatest challenges encountered by the project, least successful activities and lessons learned; and
- 6) Interventions most likely to have a sustainable impact.

II. KEY CONTACTS TO BE INTERVIEWED (Morning of Monday Oct. 21)

A. Team 1 (Jennifer and Dr. Vero)

Team 1 will interview three staff members responsible for gender/youth, Care Groups, and Social and Behavior Change Communications (SBC), as follows:

- Ony Rakotoaribako (Care Groups): Jennifer & Dr. Vero;
- Vero Ramananjohany (Gender/Youth): Jennifer;
- Soleman Francis Hary (SBC Specialist): Dr. Vero.
 - B. Team 2 (Kevin and Bernard)

Team 2 will interview the Fararano Deputy Chief of Party, and staff with specific responsibility for resilience (Purpose 3) and SILC Groups, as follows:

- Lanto Rafanomezantsoa (DCoP): Kevin & Bernard;
- Noro Hasina (P3): Bernard; and
- Vital Berarazana (SILC): Kevin.

III. GUIDING QUESTIONS TO START EACH INTERVIEW

Following are some standard questions to ask at the start of the interview. After that, the Teams are free to follow the conversation where it leads and ask more probing questions. For staff responsible for a

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¹ Similar questions can be used in interviews with the leaders of CRS's four local partners, with a sharper focus on the strengths/weaknesses, successes/failures in their operating areas.

specific intervention model (e.g. Care Group, SILC, etc.), technical details can be explored in greater depth.

Sample Guiding Questions:

- 1) Can you please describe in detail your role in the Fararano project and how long you have been in this position?
- 2) From your perspective, what have been the 1-2 strongest aspects of the <u>overall</u> Fararano project design? Of the many intervention models used by the project (Care Groups, Lead Farmers, Producer Organizations, SILC Groups, Youth Groups, miranjaka, etc.), which ones have been most successful?
- 3) Across the three regions and four local implementing partners, where has overall project success/impact been greatest and why?
- 4) In your <u>specific</u> area of responsibility, what have been the project's greatest successes? Please give specific examples of success stories.
- 5) Both overall and in your area of responsibility, what are the biggest challenges the project encountered? What project activities did <u>not</u> succeed in achieving the intended results? What lessons were learned as a result?
- 6) Which of the project's many interventions do you think will have the most <u>sustainable</u> impact? Why?
- 7) If you could go back to the beginning of the Fararano project, what 1-2 things would you do differently?

GUIDING QUESTIONS FOR NATIONAL LEVEL KEY INFORMANT INTERVIEWS

IV. PURPOSE OF INTERVIEWS WITH NATIONAL GOVERNMENT PARTNERS

The overall purpose for conducting these interviews is to get a qualitative assessment from select Government partners of the impact/effectiveness of the Fararano project and of the quality of coordination by CRS staff. More specifically, the following types of information will be sought:

- 7) Detailed explanation of the nature of the partnership between the concerned Government Ministry and the Fararano Project, and the personal involvement of the Key Informant;
- 8) Identification of the most important positive contributions made by the project to the development priorities of the Government of Madagascar;
- 9) Identification of the biggest challenges or shortcomings/problems/ with the project from the Government's perspective;
- 10) Satisfaction with the overall level of coordination between CRS management and project staff and the concerned Government Ministry; and
- 11) Determine if the Government has any plans to continue or replicate successful project activities now that the Fararano project has ended.

V. KEY CONTACTS TO BE INTERVIEWED (Afternoon of Monday Oct. 21)

C. Team 1 (Jennifer and Dr. Vero)

The following two KIIs have been identified by CRS and assigned to Team 1:

- 1) Madame Noromalala Rakotoniaina (Office National de Nutrition): Contact Info: Tel: 0340553145; Email: noro.ruct@onn.mg; and
- 2) **HARINIRIANA Fitia (Ministry of Youth),** Responsable de la Planification des Activités de la Direction de la Formation Accès sur les Résultats Académie Nationale des Sports, Ministere de la Jeunesse et Sport: Contact Info: Tel: 0340568928; e-mail: mailto:fitiaharinirina@gmail.com.
 - D. Team 2 (Kevin and Bernard)

The following two KIIs have been identified by CRS and assigned to Team 2:

- 1) Mme Rabezandry Lantosoa MinEHH (Ministry of Water), Responsable Hygiène Environnemental et Alimentaire Département hygiene; Contact Info: Tel: 0347471392; Email: lantorabezandry@qmail.com;
- 2) Mme Sahondra Rakotomalala (Ministere de l'Interior et de la Decentralisation, Office National pour la Coordination de la Decentralization (ONCD), Directeur de la communication et de l'Information; Contct info:mailto:dci.oncd@gmail.com.

VI. GUIDING QUESTIONS TO START EACH INTERVIEW

Following are some standard questions to ask at the start of the interview. After that, the Teams are free to follow the conversation where it leads and ask more probing question.

Sample Guiding Questions:

- 8) Can you please describe what you know of the Fararano project and the specifics of the project's collaboration with your Ministry? What has been your level of personal involvement?
- 9) From your perspective, what have been the project's most important positive contributions to the plans and priorities of the Government of Madagascar? What specific activities have been most successful?
- 10) What challenges has the project encountered? What project activities did not succeed in achieving the intended results? What lessons were learned as a result?
- 11) Overall, from the perspective of your Ministry, how satisfied were you with the level of coordination by CRS staff? How frequently did you meet with Fararano project staff?
- 12) Does the Government have any plans to continue or replicate successful activities now that the Fararano project has ended?
- 13) If you could make 1-2 suggestions to CRS for improvement for future collaborations, what would you suggest?

TOPICAL OUTLINE/INTERVIEW GUIDE TEMPLATE #1 (COMMUNITY LEADERS)

KEY INFORMANT INTERVIEW (KII) OR FOCUS GROUP DISCUSSION (FGD):

TYPE: KII with Fokotany President and Community Leaders (Members of Village Development Committee/KFF and Religious and Traditional Authorities (ART)

NUMBER PARTICIPANTS BY GENDER: FEMALE MALE	_
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PURPOSE OF THIS INTERVIEW:

- 1) Assess Community Leaders' Knowledge of Fararano;
- 2) Assess Relevance of Fararano Activities in relation to Fokotany Development Plan/Priorities;
- 3) Obtain Feedback on Program Impact and Effectiveness; and
- 4) Obtain Feedback on Levels of Coordination and Community Satisfaction.

INTRO TEXT: Thank you for welcoming us to your community. We are here today to meet with local leaders and community members to discuss your experience with the Fararano food security program. Over the last five years, Catholic Relief Services and its local partner (ODDIT, BDEM, CDD, Caritas) have been implementing the Fararano Program in this fokotany. I am here today with three other colleagues, who can introduce themselves before leaving us to meet with other community members. I will stay with you to ask some questions about how your community participated in the Fararano project. We have come to listen to your voices and learn from you. What is learned from communities through this evaluation will be used to inform and improve future community development projects.

Your participation in this group is completely voluntary. All of the information you share with us will be confidential. If any question makes you uncomfortable, you are not required to answer. Before beginning, we would also like to ask your permission to tape record our discussion to help the person responsible for taking notes. Once the notes are taken, the tape recording will be erased. We also may take photos of the group to help document our work. Do we have your permission to record our discussion and take photographs?

QUESTIONS:

1) Relevance of Fararano to Fokotany Plan/Priorities

- 1.1 What are the biggest challenges facing this community that affect the well-being of the families who live here?
- 1.2 What are the highest priorities of the community as reflected in the Fokotany Development Plan?
- 1.3 Does this Fokotany have a Disaster Risk Management Committee and Plan? What are the most common types of disaster affecting this community?
- 1.4 Has the Village Development Committee identified the most vulnerable households (TTH: tokotrano te hivaotra) in this community? Have any specific activities been included in the Fokotany Development Plan to meet the needs of these households ("Plan d'Action Communautaire")?

2) Knowledge of Fararano

- 2.1 Are you aware of the work done by CRS and its local partner here in your community?
- 2.2 Can you provide an example of how the Fararano project has helped the community address one of its highest priority needs?
- 2.3 In the area of maternal child health and nutrition, can you describe a project activity that has benefited this community?
- 2.4 Can you describe a project activity that has had positive economic benefits for households in this community?

3) Impact and Effectiveness of Fararano Activities

- 3.1 Overall, what <u>specific</u> activities of the project have had the greatest positive impact on the community and its residents?
- 3.2 What project activities were least successful in this community? Please explain.
- 3.3 In what ways have women been able to actively participate in and benefit from the Fararano project?
- 3.4 Have any special efforts been made to involve youth? Can you give an example of how young people have either benefited from the project or been given opportunities to contribute to the community's development?

4) Coordination Level and Community Satisfaction

- 4.1 How would you assess the efforts made by CRS and its local partner to coordinate its work with the Fokotany President and Village Development Committee? (Very good, good, poor, very poor)
- 4.2 In what ways could the activities of the project been improved? Have there been activities undertaken by the project that have had negative impacts or promoted changes not supported by the community and its leaders?

TOPICAL OUTLINE/INTERVIEW GUIDE TEMPLATE #2 (NRM COMMITTEE MEMBERS)

KEY INFORMANT INTERVIEW (KII) OR FOCUS GROUP DISCUSSION (FGD):

TYPE: FGD with Community Volunteers who are Members of NRM (GRN) Committ	tees
NUMBER PARTICIPANTS BY GENDER: FEMALE MALE	

PURPOSE OF THIS INTERVIEW:

- 1) Ascertain if a Natural Resource Management (Gestion de Ressources Naturelles) Committee exists/continues to function in each fokotany and what it has accomplished;
- 4) Assess the key factors likely to influence the sustainability of these committees now that the project is ending, and assess their satisfaction with the support received from the project.
- 5) Assess the training and management materials/tools of these committees.

INTRO TEXT: Thank you for taking time today to meet with us. We are here to speak with you today as volunteers who serve your community on its Disaster Risk Management or Natural Resource Management Committees. Over the last five years, Catholic Relief Services and its local partner (ODDIT, BDEM, CDD, Caritas) have been implementing the Fararano Program in this fokotany, and one of the project's goals is to build the resilience of communities to natural disasters. We have come to ask questions about your experience with the Fararano project, listen to your voices and learn from you. What we learn through this evaluation will be used to inform and improve future projects.

Your participation in this group is completely voluntary. All of the information you share with us will be confidential. If any question makes you uncomfortable, you are not required to answer. Before beginning, we would also like to ask your permission to tape record our discussion to help the person responsible for taking notes. Once the notes are taken, the tape recording will be erased. We also may take photos of the group to help document our work. Do we have your permission to record our discussion and take photographs?

QUESTIONS:

- 1) Existence and Relevance of a Fokotany <u>Natural Resources Management</u> Committee (Comité de Gestion des Ressources Naturelles)
- 1.1 Does a Comité de Gestion des Ressources Naturelles exist in this community? How many members are there (M/W)? How were they/you selected?
- 1.2 For this community, what are your priorities as regards natural resources management? What are the biggest problems in your local environment?
- 1.3 Do you have an NRM plan? How was it created and how is it used?
- 1.4 Explain the linkages between Farming, NRM and DRM.
- 1.5 Please show and explain to us your training and management materials/tools.

2) Impact and Effectiveness of Support to Natural Resource Management Committee

- 2.1 What are the biggest challenges this Committee has faced in its work?
- 2.2 What are the most important activities undertaken by this Committee during the last three years? What is your greatest success so far?
- 2.3 Please give an example of an initiative you have taken that has failed. Why did it fail?
- 2.4 Have any specific roles been identified for young people and women in the community's Natural Resource Management plan? What special considerations have been given to the needs of the most vulnerable households?

3) Satisfaction and Sustainability of Project Resilience-Building Efforts (NRM)

- 3.1 Do you plan to continue your work as a group now that the Fararano project has ended? If so, what is your highest priority or next project as a group? What are the constraints? If not, why?
- 3.2 How did project staff assist you? How satisfied were you with the support provided to you by project staff? (very satisfied, satisfied, dissatisfied, very dissatisfied). If dissatisfied, what could have been done differently?

TOPICAL OUTLINE/INTERVIEW GUIDE TEMPLATE #3 (MOTHERS)

KEY INFORMANT INTERVIEW (KII) OR FOCUS GROUP DISCUSSION (FGD):

TYPE: FGD with Mothers of Children who Benefited from 1,000 Days Approach ("Groupe de Voisinage")

NUMBER PARTICIPANTS BY GENDER: FEMALE_	MALE
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PURPOSE OF THIS INTERVIEW:

- 1) Assess the level of participation of mothers in Fararano project activities;
- 2) Assess the impacts of the project in increasing mothers' knowledge of optimal nutrition and WASH behaviors;
- 3) Assess the impacts of the project on improved access to diverse and nutritious foods;
- 4) Identify any changes in mothers' knowledge and utilization of preventive and curative maternal child health and nutrition services; and
- 5) Obtain feedback on participating mothers' level of satisfaction with program activities and benefits.

INTRO TEXT: Thank you for taking time today to meet with us. We are here to speak with you today as mothers of young children to discuss your experience with the Fararano food security program. Over the last five years, Catholic Relief Services and its local partner (ODDIT, BDEM, CDD, Caritas) have been implementing the Fararano Program in this fokontany. We have come to ask questions, listen to your voices and learn from you. What we learn through this evaluation will be used to inform and improve future community development projects.

Your participation in this group is completely voluntary. All of the information you share with us will be confidential. If any question makes you uncomfortable, you are not required to answer. Before beginning, we would also like to ask your permission to tape record our discussion to help the person responsible for taking notes. Once the notes are taken, the tape recording will be erased. We also may take photos of the group to help document our work. Do we have your permission to record our discussion and take photographs?

QUESTIONS:

1) Participation in Fararano Activities

- 1.1 How many members of the group received supplementary food rations or vouchers through the Fararano program? What did you receive? Once you and/or your child stopped receiving these supplementary food rations, what did you do to improve your diet and/or that of your child? Why?
- 1.2 Can you tell us about the behaviors you have adopted as a result of the home visits (*Visites à Domicile*) or group discussions, or health and nutrition outreach that you received from the Fararano project? What convinced you to adopt these behaviors but not others? Why?
- 1.3 What is your source of drinking water? Do you pay for your water or is it free? If you pay for your water? How do you budget for water? Is your impression of your drinking water quality? Do you have an improved latrine? If yes, please describe.

- 1.4 Do you recall participating in any awareness raising about gender (miranlenta, Miranjaka) and children's health and nutrition? If so, what did you learn? Have you applied what you have learned? If not why?
- 1.5 Of all the Fararano activities, which were most useful for you and your family (awareness raising, SILC/VOAMAMI, farmers groups or producers organizations, distribution of inputs/seeds, etc.) Why? If you participated in SILC/VOAMAMI, how does it contribute to your well-being?

2) Knowledge and Practice of Optimal Nutrition and WASH behaviors

- 2.1 What are the biggest obstacles you face as mothers to keeping your children healthy and well nourished? What are the barriers to adopting the health, nutrition and WASH behaviors promoted by the Fararano project?
- 2.2 Has your family experienced food shortages in the past year? If so, why was this the case? And how did you feed your children during this period?
- 2.3 Can you name specific actions for improving your children's nutrition that you learned from the project? Have you noticed any changes in the well-being of your children (education, health status) since your participation in Fararano? What do you think contributed the most to these changes?
- 2.4 Do you recall any specific advice you received on how to improve water, sanitation, and hygiene practices in your home? Please give an example.
- 2.5 (If mothers report water treatment) Why do you treat your drinking water? What factors motivated your behavior? How are you treating drinking water now that the project has ended? (If water treatment not practiced) What are the barriers to treating your drinking water?
- 2.6. (If mothers report using improved latrines) What factors have motivated your family's use of an improved latrine? (If improved latrines not used) What are the barriers to using improved latrines?

NB for Interviewer Reference Only:

Following are the key nutrition and WASH messages promoted by the project:

Essential Nutrition Actions or AEN:

- Alimentation des femmes enceintes et allaitantes (Healthy maternal nutrition)
- Allaitement maternel précoce et exclusif (Early, exclusive breastfeeding)
- Allaitement maternel exclusif pendant les 6 premiers mois (Exclusive breastfeeding for infants 0-6 months)
- Alimentations complémentaires pour les enfants de 6 a 24 mois (diversification alimentaire) (Healthy complementary feeding for children 6-35 months)
- Alimentation des enfants maladies (Feeding a sick child during and after illness)
- Supplémentation en vitamine A et déparasitage (le CSB qui fournit les produits) (Vitamin A supplementation and deworming provided through the health center)

Three key WASH messages:

- Les 5 moments clés du lavage de mains avec du savon (Five critical handwashing times)
- Traitement de l'eau et utilisation d'eau potable (méthode de bouillie et utilisation de sur'eau) (Water treatment and safe drinking water)
- Utilisation de latrine améliorée (Improved latrines)

3) Access to Diverse and Nutritious Foods

- 3.1 Can you name examples of highly nutritious foods that would be beneficial to include in your family's diet?
- 3.2 Do you have a kitchen garden at home? If so, do you intend to maintain the garden even without the support of the project? If yes, how? How do you use the garden produce (i.e. % sale, % own consumption)? *Probe the added value of the home gardens*. If you don't have a kitchen garden, why?
- 3.3 Do you raise small livestock at home? Do you intend to keep raising livestock even without the support of the project? If yes, how? How do you use the livestock (i.e. % sale, % own consumption)? *Probe the added value of small livestock*. If you don't raise small livestock, why?
- 3.4 What are the major challenges you face in increasing the amount of highly nutritious foods in your family's daily diet?

4) Knowledge and Utilization of MCHN Services

- 4.1 How far is the nearest health center (Centre de Santé de Base)?
- 4.2 Can you name some of the services offered there to prevent or treat the health problems of the mothers and children in this community? When have you used these services? Why and how?
- 4.3 What health center services have been most beneficial to your family?
- 4.4 What are the main barriers you face in accessing health and nutrition services?

5) Satisfaction with Fararano Activities and Benefits

- 5.1 How satisfied are you with what you learned and the benefits you received from participating in Fararano's health, nutrition and WASH activities? How satisfied are you with what you learned and the benefits you received from participating in the Fararano project overall? (Very satisfied, satisfied, dissatisfied, very dissatisfied)
- 5.2 What was the most important benefit you received from the project? *Reconfirm:* What are the tangible changes in nutrition, health and WASH at the household level since your participation in the project? Could you name the activities that you think contributed to these changes?
- 5.3 Can you suggest something that project could have done to better serve your needs as a mother? What activities would you want to do again, if there were an opportunity? And what are the activities you would not want to do again?

TOPICAL OUTLINE/INTERVIEW GUIDE TEMPLATE #4 (LEAD MOTHERS)

KEY INFORMANT INTERVIEW (KII) OR FOCUS GROUP DISCUSSION (FGD):

TYPE: FGD with Lead Mothers (Reny Mpitarika) who participated in a Care Group

NUMBER PARTICIPANTS BY GENDER: FEMALE_____

PURPOSE OF THIS INTERVIEW:

- 1) Explore what Lead Mothers learned and what other benefits they received through their participation in the Fararano project;
- 2) Assess the extent to which Lead Mothers were successful in promoting the adoption of improved nutrition, health and WASH behaviors in their community;
- 3) Identify and explore the constraints encountered by Lead Mothers and their level of satisfaction with the support provided by project staff; and
- 4) Explore key factors that are likely to influence the sustainability of the Lead Mother/Care Group model now that the Fararano project is ending.

INTRO TEXT: Thank you for taking time today to meet with us. We are here to speak with you today as volunteers who were trained as Lead Mothers under the Fararano food security program. Over the last five years, Catholic Relief Services and its local partner (ODDIT, BDEM, CDD, Caritas) have been implementing the Fararano Program in this fokontany. We have come to ask questions about your experience with the Fararano project, listen to your voices and learn from you. What we learn through this evaluation will be used to inform and improve future projects.

Your participation in this group is completely voluntary. All of the information you share with us will be confidential. If any question makes you uncomfortable, you are not required to answer. Before beginning, we would also like to ask your permission to tape record our discussion to help the person responsible for taking notes. Once the notes are taken, the tape recording will be erased. We also may take photos of the group to help document our work. Do we have your permission to record our discussion and take photographs?

QUESTIONS:

1) Lead Mother Learning and Other Benefits

- 1.1 Were you part of a Care Group? If so, how many Lead Mothers were in the group and how frequently did you meet?
- 1.2 What are the "Essential Nutrition Actions" that you were trained to promote to mothers and other caregivers?
- 1.3 What are the key messages related to water, sanitation and hygiene that you were trained to communicate to households in your community?

- 1.4 What sort of tools and training did the project provide to enable you to communicate effectively with mothers and other caregivers? Please describe. What were the challenges and/or benefits of using these tools? How did you communicate key messages? How did you convince mothers to adopt targeted behaviors?
- 1.5 Which of the Fararano activities have been most useful for you and your family (awareness raising, SILC/VOAMAMI, farmers groups or producers organizations, distribution of inputs/seeds, etc.) Why?

NB for Interviewer Reference Only:

Following are the key nutrition and WASH messages promoted by the project:

Essential Nutrition Actions or AEN:

- Alimentation des femmes enceintes et allaitantes (Healthy maternal nutrition)
- Allaitement maternel précoce et exclusif (Early, exclusive breastfeeding)
- Allaitement maternel exclusif pendant les 6 premiers mois (Exclusive breastfeeding for infants 0-6 months)
- Alimentations complémentaires pour les enfants de 6 a 24 mois (diversification alimentaire) (Healthy complementary feeding for children 6-35 months)
- Alimentation des enfants maladies (Feeding a sick child during and after illness)
- Supplémentation en vitamine A et déparasitage (le CSB qui fournit les produits) (Vitamin A supplementation and deworming provided through the health center)

Three key WASH messages:

- Les 5 moments clés du lavage de mains avec du savon (Five critical handwashing times)
- Traitement de l'eau et utilisation d'eau potable (méthode de bouillie et utilisation de sur'eau)
 (Water treatment and safe drinking water)
- Utilisation de latrine améliorée (Improved latrines)

2) Lead Mother Impact in the Community

- 2.1 How many mothers of children under 2 were you able to register and train through "Femmes de Voisinage"? How often did these groups meet?
- 2.2 How many Femmes de Voisinage households were you able to visit regularly (home visits—visites à domicile)? How easy was it to visit this number of households, related to your level of knowledge/capacity as a Lead Mother, and your availability? What strategies did you use to do the home visits correctly? Are there any barriers to doing home visits as you were trained to all the Femmes de Voisinage?
- 2.3 Based on what you observed during your home visits, what health, nutrition and WASH behaviors from the "household poster" were the most commonly practiced in 1,000 days households? Please give specific examples.

- What Fararano project activities facilitated the adoption of these behaviors?
- Do you have any observations related to exclusive breastfeeding/breastfeeding and child feeding behaviors in your community?
- Do you have any observations related to use of improved latrines in your community? What are the main challenges related to access and use of improved latrines?

2.4 Lead Mothers' gender SBCC:

- Did only mothers participate in group discussion and home visits, or did fathers and other family members also participate? Have you encouraged husbands and/or other people to participate in activities related to the health and nutrition of their children and/or wife?
- Related to your gender SBCC activities, how do you find husbands' involvement in the health and nutrition of their children and/or wives? (*Probe: do husbands participate in health/nutrition decision-making, or also problem-solving? Do they actively encourage health/nutrition behavior change in their households?*)
- As a Lead Mother, what changes have you observed in your own household, related to the
 project's gender SBCC? (i.e. shared decision-making within the couple about
 health/nutrition/WASH, access to healthy food and health care for all members of the
 household, sharing of household responsibilities, etc.)
- 2.5 What types of health, nutrition, and WASH (P1) activities were most appreciated by the mothers in your community (i.e. growth monitoring and promotion, cooking demonstrations, food processing and conservation training, others)? Why?
- 2.6 Can you identify at least 1-2 health, nutrition or WASH behavior changes commonly adopted by households in your community in general (i.e. not only 1,000 days households) as a result of project activities?
- 2.7 What would you describe as the biggest success of the project in improving child health and nutrition in your community?

3) Lead Mother Satisfaction

- 3.1 How did you become a Lead Mother and what is your motivation for playing this role in your community?
- 3.2 What went well in the project? What types of support and encouragement did you receive from the Fararano project?
- 3.3 How frequently did project staff visit and what types of support and advice did they provide you? How satisfied were you with the support you received from project staff? (Very satisfied, satisfied, dissatisfied, very dissatisfied)? What support would you have needed to better fulfill your Lead Mother responsibilities?
- 3.4 What were the biggest challenges you faced in trying to fulfill your Lead Mother responsibilities? What should Lead Mothers be aware of, in order to carry out their responsibilities (i.e. what would you tell a new Lead Mother before she started out in her role)?

4) Sustainability of the Lead Mother/Care Group Model

- 4.1 Do you plan to continue your activities as a Lead Mother now that the Fararano project has ended? If so how? (*Probe motivation, sustained capacities, sustained resources, and links with other structures*.) If not, why?
- 4.2 To what extent has your work as a Lead Mother been done in coordination with local authorities and government services? Describe how you collaborated with the closest health center. Has utilization of health center services increased as a result of the project (e.g. antenatal consultations, growth monitoring and promotion, vaccinations, etc.)?
- 4.3 How many of you are both Lead Mother and community health volunteer (*Agent Communautaire/AC*)? For those of you playing these roles, how do you manage the two sets of responsibilities? What was the relationship between Lead Mothers and other volunteers?
- 4.4 Do communal and district authorities officially recognize the role played by Lead Mothers and support your work? Are any Lead Mothers from this community member of the local health committee (Comité de Santé/COSAN)?

TOPICAL OUTLINE/INTERVIEW GUIDE TEMPLATE #5(MIRANJAKA)

KEY INFORMANT INTERVIEW (KII) OR FOCUS GROUP DISCUSSION (FGD):

TYPE: KII with Miranjaka (Gender Champion) from t	he fokontany
NUMBER PARTICIPANTS BY GENDER: FEMALE	MALE

PURPOSE OF THIS INTERVIEW:

- 1) Assess Miranjakas' perceptions on the most significant **impacts** resulting from their activities, and their insight into the incentives and disincentives for adopting measures to improve women's status in their households and community.
- 2) Identify the main factors in the implementation and external context associated with the **effectiveness** Fararano's strategy to integrate gender as a cross-cutting priority.
- 3) Evaluate the potential **sustainability** of the Miranjaka model and Miranjaka's perceptions of exit strategies.

INTRO TEXT: Thank you for taking time today to meet with us. We are here to speak with you today as volunteers who were trained as **Miranjaka** under the Fararano food security program. Over the last five years, Catholic Relief Services and its local partner (ODDIT, BDEM, CDD, Caritas) have been implementing the Fararano Program in this fokotany. We have come to ask questions about your experience with the Fararano project, listen to your voices and learn from you. What we learn through this evaluation will be used to inform and improve future projects.

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QUESTIONS:

1) Miranjaka roles, responsibilities, and ways of working

1.1 Setting the context:

- Can you tell me a little about yourself? Are you married? Do you have children?
- How long have you been a Miranjaka? Are you still active?
- Have you participated in any Fararano activities, besides being a Miranjaka?
- 1.2 <u>Miranjaka role</u>: What do Miranjakas try to accomplish in their role? What is their purpose (*raison d'être*)?

1.3 Miranjaka responsibilities:

Could you describe the main activities you have done in your role as Miranjaka? Anything else?

- If home visits (Visites à Domicile) are among their responsibilities, ask: How do you do a home visit? Describe briefly. What are the steps?
- If they don't mention it ask: Have you ever collaborated with religious/traditional authorities in your role as Miranjaka?

1.4 Miranjaka targeting/gaps in targeting:

- If home visits are among their responsibilities, ask: How do you decide which households to visit? About how many do you usually visit per month?
- Are there people in this community who you think would have benefited from participating in your Miranjaka activities, but who did not? Describe them. Why didn't they participate?

2) Miranjaka impact in the community

2.1 Most significant gender behavior change:

- Since you've been a Miranjaka, have you seen any changes in the community related to your activities and to the main gender messages you communicate?
- If so, what's the most significant change? To what do you attribute the change?
- Where have you seen the most significant changes in this community: related to 1) sharing of household responsibilities; 2) joint decision making; or 3) women's and youth's participation in community-based groups and decision-making bodies. Explain.

2.2 Clarifying "joint decision making"/"miara manapa kevitra" (gender FFP indicator):

- Who in a household makes important decisions? (Probe around medical decisions, buying/selling crops or animals, buying land—for example.)
- Have there been any changes in the past few years?
- In your role as Miranjaka, did you ever encounter a couple who disagreed about an important decision? How did the couple approach that decision? (Listen the type of decision and who had the final say.)

2.3 Gender behavior changes in the Miranjaka household:

- Tell me about any changes you have experienced in your own life and household as a result of being a Miranjaka.
- Give specific examples of what it was like before, and what it is like now.

(Probe targeted SBC changes and effects. Probe around sharing of household responsibilities, negotiating decisions about use of income with one's spouse, wife's/woman's participation in economic activities and community decision-making bodies)

2.4 Effects of the changes:

- What have been the <u>positive</u> effects of gender behavior changes, if any, on you, as a man (or woman) in your community? And on your partner/spouse?
- And what have been the <u>negative</u> effects of such changes, if any, on you as a man (or woman) in your community? And on your partner/spouse?

(Probe: What do your extended family and/or neighbors think about these changes? Do you think these changes could put women or girls more at risk of experiencing violence? Are there any gender behavior changes that you would refuse to make, because of the potential negative consequences to you? Which changes?)

3) Effectiveness of Fararano's strategy for integrating gender as a cross-cutting priority

3.1 <u>Factors in the external context associated with effectiveness (1):</u> Think about what you've seen in your work in the community and your own household. Which gender-equitable behaviors are easiest to adopt? Why do you think this is so? Which changes are hardest? Why do you think this is so?

3.2 Factors in the external context associated with effectiveness (2):

- Fararano project field staff from different communities have observed that some couples/families adopt gender-equitable behaviors quickly, and others take more time. What have you found, in your community?
- In your opinion, what makes some couples/families more receptive to behavior change and others less receptive?

(In other words, what do the couples/families who adopted gender-equitable behaviors quickly have in common, if anything? And what do those who have not yet adopted gender-equitable behaviors have in common, if anything? Probe differences in younger vs. older couples, and the influence of traditional/religious authorities)

3.3 Factors in the implementation associated with effectiveness:

- Did you ever encounter any problems or challenges to do your Miranjaka activities? (In other words) Were there ever activities that felt hard to do? Explain.
- How do you feel about the preparation and support you got from the Fararano project? What
 was most useful in helping you do your activities? Would you change anything? (If time, probe
 the advantages/disadvantages of male vs. female Miranjakas)

4) Sustainability of Miranjaka model

4.1 Factors associated with sustainability:

- Now that the project has ended, do you plan to continue in your role as Miranjaka?
- If not, why? What's missing for you to be able to continue your role?
- If so, will you change anything in how you do your activities? How so? (*Probe Miranjaka motivation to serve—or continue to serve—as an advisor to couples in conflict, and how s/he envisions playing that role now that Fararano has ended.*)
- 4.2 <u>Fararano exit strategies:</u> Has Fararano taken any measures to help you (and other Miranjaka) continue your activities that you are aware of? Which? What do you think of these measures?

TOPICAL OUTLINE/INTERVIEW GUIDE TEMPLATE #6 (LEAD FARMERS & PRODUCER ORGANIZATION)

KEY INFORMANT INTERVIEW (KII) OR FOCUS GROUP DISCUSSION (FGD):

TYPE: FGD with Lead Farmers ("Paysans Leader", "Mpamukatra Mpitarika") and Producer Organization Members

NUMBER PARTICIPANTS BY GENDER: FEMALE	MALE

PURPOSE OF THIS INTERVIEW:

- 1) Explore what Lead Farmers learned through the project and what other benefits they received through their participation in the Fararano program;
- 2) Assess the extent to which Lead Farmers were successful in promoting the adoption of improved agricultural practices in their community;
- 3) Identify and explore the constraints encountered by Lead Farmers and their level of satisfaction with the support provided by project staff; and
- 4) Explore key factors that are likely to influence the sustainability of the Lead Farmer model now that the Fararano project is ending.
- 5) Ascertain if there is a Producer Organization in the fokotany. If so, identify benefits, positive impact, challenges and sustainability of market linkages.

INTRO TEXT: Thank you for taking time today to meet with us. We are here to speak with you today as farmers who were trained as Lead Farmers or joined a Producer Organization under the Fararano food security program. *Are any of the farmers present members of a Producer Organization supported by the Fararano project? If so, we will divide in two groups for discussion after introductions.*

Over the last five years, Catholic Relief Services and its local partner (ODDIT, BDEM, CDD, Caritas) have been implementing the Fararano Program in this fokotany. We have come to ask questions about your experience with the Fararano project, listen to your voices and learn from you. What we learn through this evaluation will be used to inform and improve future community development projects.

Your participation in this group is completely voluntary. All of the information you share with us will be confidential. If any question makes you uncomfortable, you are not required to answer. Before beginning, we would also like to ask your permission to tape record our discussion to help the person responsible for taking notes. Once the notes are taken, the tape recording will be erased. We also may take photos of the group to help document our work. Do we have your permission to record our discussion and take photographs?

QUESTIONS:

1) Lead Farmer Learning and Other Benefits

1.1 What are the main crop and livestock products for farmers in this fokotany?

- 1.2 As farmers in this community, what are the biggest challenges you face in increasing your production and incomes?
- 1.3 Can you identify any specific soil fertility, pest or water management practices that you learned through the project and applied on your farm or demonstration plot? If so, what was the most important thing you learned?
- 1.4 Which specific vegetable or food security crops did the project promote to improve nutrition in your community?
- 1.5 Did you receive other benefits from participating in the Fararano project (access to inputs or other materials, community recognition, etc.)?

2) Lead Farmer Impact in the Community

- 2.1 Were you able to establish and maintain a demonstration plot that was visited by other nearby farmers? Did you form a farmers group ("groupe dynamique")? If so, how many farmers were in your group?
- 2.2 What specific improved practices or technologies were most commonly adopted by the farmers in your group? Which were least widely adopted?
- 2.3 For which crops or types of livestock have you observed increases in production over the last several years in this community?

3) Sustainability of the Lead Farmer Approach

- 3.1 How did you become a Lead Farmer and what is your motivation for playing this role in your community? Do you plan to continue your activities as a Lead Farmer after the Fararano project ends? If not, why?
- 3.2 To what extent has your work as a Lead Farmer been done in coordination with local authorities and government services? Do communal and district authorities officially recognize the role played by Lead farmers and support your work?
- 3.5 Can farmers in this community obtain good quality seeds, planting material and other inputs locally? If so, where/from whom can you buy the inputs you need?

4) Farmer Satisfaction with Fararano Project

- 4.1 In your experience with the Fararano project, what went well? What activities were particularly beneficial to you?
- 4.2 What were the biggest challenges you faced in trying to fulfill the responsibilities of a Lead Farmer?
- 4.3 Did your participation in the Fararano project improve the income and food security of your household? If yes, please given an example of how your family benefited? Has anything changed in the roles and relationship in your couple? (Let them respond and probe further if necessary.) Has anything changed in how you make decisions with your spouse, for example, about how to earn or invest income? Or about what crops to plant or how to use your harvest?

ADDITIONAL QUESTIONS FOR PRODUCER ORGANIZATIONS:

1) Local Farming Activities and Producer Organization Collective Action (Relevance)

- 1.1 What are the specific value chains in which your Producer Organization (PO) is engaged?
- 1.2 Can you describe how your PO functions now? (membership, purpose, committee, organisation/business planning, achievements, value chains, registration/administration)
- 1.3 Please describe in detail the activities you do as a PO, starting at the beginning of the season. (inputs, production (ind/group), techniques, post-harvest, marketing (bulking, pricing, communication, buyers), transport, financing/contracting, technical support)

2) Benefits of PO Membership and Impact and Effectiveness of Training and other Support Received by Producer Organization and its Members

- 2.1 What training have you received as a member of this Producer Organization? Did you receive training on improved practices for priority value chains? If so, which ones? Did the members of this Producer Organization receive training in financial skills (SMART Skills)? If so, please describe something useful that you learned.
- 2.2 As individual farmers, what has changed in your life by being a member of a PO? (time, effort, information, communication, income, ...)
- 2.3 In working together as a group, did you encounter any problems? If so, please describe. Please ask the women to respond first, followed by the men.

3) Sustainability through Private Sector and Market Linkages

- 3.1 For the major products of this PO, please describe one or more specific market outlets that you have established through the Fararano project. These could be private companies, local buyers, or local marketplaces.
- 3.2 Has the PO and its members established any contracts with private companies for the sale of your produce? If so, for what crops and which buyers?
- 3.3 Can the PO obtain good quality seeds, planting material and other inputs locally for its members? If so, where/from whom can you buy the inputs you need?
- 3.4 What plans does the PO have as a group for the coming season?

TOPICAL OUTLINE/INTERVIEW GUIDE TEMPLATE #7 (DRM COMMITTEE MEMBERS)

KEY INFORMANT INTERVIEW (KII) OR FOCUS GROUP DISCUSSION (FGD):

TYPE: FGD with Community Volunteers who are Men	nbers of DRM (GRC) Committees
NUMBER PARTICIPANTS BY GENDER: FEMALE	MALE

PURPOSE OF THIS INTERVIEW:

- 1) Determine if this fokotany has a functioning Disaster Risk Management Committee (Comité de Gestion de Risques de Catastrophes) Committee and has developed a DRM plan;
- 2) Assess the impact and effectiveness of the Fararano project's support to the community in building its capacity to manage shocks related to natural disasters; and
- 3) Assess the key factors likely to influence the sustainability of these committees now that the project is ending, and assess their satisfaction with the support received from the project.
- 4) Assess the training and management materials/tools of these committees.

INTRO TEXT: Thank you for taking time today to meet with us. We are here to speak with you today as volunteers who serve your community on its Disaster Risk Management or Natural Resource Management Committees. Over the last five years, Catholic Relief Services and its local partner (ODDIT, BDEM, CDD, Caritas) have been implementing the Fararano Program in this fokotany, and one of the project's goals is to build the resilience of communities to natural disasters. We have come to ask questions about your experience with the Fararano project, listen to your voices and learn from you. What we learn through this evaluation will be used to inform and improve future projects.

Your participation in this group is completely voluntary. All of the information you share with us will be confidential. If any question makes you uncomfortable, you are not required to answer. Before beginning, we would also like to ask your permission to tape record our discussion to help the person responsible for taking notes. Once the notes are taken, the tape recording will be erased. We also may take photos of the group to help document our work. Do we have your permission to record our discussion and take photographs?

QUESTIONS:

1) Status and Relevance of Disaster Risk Management Structures and Plans

- 1.1 Does a Comité de Gestion des Risques de Catastrophes (CGRC) exist in this community? How many members are there (M/W)? How were they/ you selected?
- 1.2 What are the 2-3 most common and destructive types of natural disasters faced by this community?
- 1.3 Has this community developed a Disaster Risk Management Plan (DPMP)? How was it created and how is it used? What are the highest priority actions identified by the community in its Disaster Plan? How are they being addressed?

- 1.4 Explain the linkages between Farming, NRM and DRM.
- 1.5. Please show and explain to us your training and management materials/tools.

2) Impact and Effectiveness of Support to Community Disaster Risk Management Capacity

- 2.1 What are the biggest challenges this Committee has faced in its work?
- 2.2 What type of training or other support was provided by the Fararano project to this fokotany to build its capacity to respond to natural disasters?
- 2.3 As a result of the Fararano project, have households in this community taken any specific measures to reduce the risk to their homes or livelihoods? Please provide 1-2 specific examples.
- 2.4 Does this community have any sort of early warning system (EWS) or evacuation plans in place? If so, please describe how it works and its relevance/impact.
- 2.5 Have any specific roles been identified for young people and women in the community's disaster management plan? What special considerations have been given to the needs of the most vulnerable households?
- 2.6 Is this community better prepared to cope with a natural disaster now than before the Fararano project? If yes, please give at least one example of what has changed.

3) Satisfaction and Sustainability of Project Resilience-Building Efforts (DRM)

- 3.1 How do you plan to continue your work as a group now that the Fararano project has ended? What is your highest priority or next project as a group? What are the constraints? If not, why?
- 3.2 How did project staff assist you? How satisfied were you with the support provided to you by project staff? (very satisfied, satisfied, dissatisfied, very dissatisfied). If dissatisfied, what could have been done differently?

TOPICAL OUTLINE/INTERVIEW GUIDE TEMPLATE #8 (SILC GROUP)

KEY INFORMANT INTERVIEW (KII) OR FOCUS GROUP DISCUSSION (FGD):

TYPE: FGD with Mixed Group of Members of One SILC (VOAMAMI) Group	in the
Community	

NUMBER PARTICIPANTS BY GENDER: FEMALE MALE	

PURPOSE OF THIS INTERVIEW:

- 1) Assess the status and functioning of a SILC ("Voamami") group formed under the Fararano project;
- 2) Assess the economic impacts/benefits realized through SILC participation;
- 3) Assess the health, nutrition, education and other social benefits to families of SILC membership; and
- 4) Probe the challenges experienced by the group and likelihood of group sustainability.

INTRO TEXT: Thank you for taking time today to meet with us. We are here to speak with you today as members of a SILC/Voamami group formed under the Fararano food security program. Over the last five years, Catholic Relief Services and its local partner (ODDIT, BDEM, CDD, Caritas) have been implementing the Fararano Program in this fokotany. We have come to ask questions about your experience with the Fararano project, listen to your voices and learn from you. What we learn through this evaluation will be used to inform and improve future projects.

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QUESTIONS:

1) Status of the SILC Group

- 1.1 How many members are in this group? How many are women and how many are men? Are there any youth (age 15-24) in the group? How frequently does the group meet?
- 1.2 When was the group formed? Who provided the initial training? Were you satisfied with the training provided by the Private Service Provider (PSP)?
- 1.3 What is the amount of the group's current savings (valeur de l'épargne du cycle actuel)?

2) Economic Benefits/Impact of SILC Participation

2.1 Did members of this group receive financial and marketing training (education financière et marketing de base) from the Fararano project? Has this training helped you increase your income or better manage your family budget?

- 2.2 How many members of the group currently have outstanding loans? Can some of the members please describe what their loans are being used for?
- 2.3 Can the men in the group tell us how you used the money from the last savings cycle (Partage de fin de cycle)? Please give some examples. In your households, how do you decide how to use the money from a savings cycle? For the women, tell us how you used your savings and how those decisions are made in your family?
- 2.4 What have been the biggest economic benefits for the members from participating in this SILC group? Can you describe a success story from your group?

3) Social Benefits/Impact of SILC Participation

- 3.1 What have been the biggest social benefits for your families from membership in this SILC group?
- 3.2 How many of the members of this group have received money from the group's Social Fund (Caisse Sociale)? For what purposes were these funds used?
- 3.3 Have you been able to improve the health and nutrition of your children and other household members since joining this SILC group? How?
- 3.4 How many members have used money saved or borrowed from the group to pay for school fees or other educational expenses?

4) Challenges and Sustainability of SILC Model

- 4.1 What are the biggest challenges this group has faced since its formation?
- 4.2 Does the group still want/need support from a trainer/Private Service Provider? Are you willing and able to pay for those services?
- 4.3 Has this SILC group established any linkages with banks or micro-finance institutions? If so, please describe.
- 4.4 Does this SILC group plan to continue to operate now that the Fararano project has ended?

TOPICAL OUTLINE/INTERVIEW GUIDE TEMPLATE #9 (YOUTH)

KEY INFORMANT INTERVIEW (KII) OR FOCUS GROUP DISCUSSION (FGD):

TYPE: FGD with Mixed Group of Youth age 15-24 who participated in Fararano Youth Group Activities

NUMBER PARTICIPANTS BY GENDER: FEMALE	MALE	

PURPOSE OF THIS INTERVIEW:

- 4) Assess the perceived **relevance** of the Fararano project to youth in the community and the **satisfaction** of youth group members as participants;
- 5) Identify the main factors in the implementation and external context associated with the effectiveness of Fararano's integration of youth as a cross-cutting priority.
- **6)** Assess the benefits to/**impact** of project activities on youth participants, and on their communities as a whole.
- 7) Explore the potential for **sustainability** of Fararano's youth approach and positive outcomes, now that the project is ending.

INTRO TEXT: Thank you for taking time today to meet with us. We are here to speak with you today as members of a Youth Group to discuss your experience with the Fararano food security program. Over the last five years, Catholic Relief Services and its local partner (ODDIT, BDEM, CDD, Caritas) have been implementing the Fararano Program in this fokontany. We have come to ask questions, listen to your voices and learn from you. What we learn through this evaluation will be used to inform and improve future community development projects.

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QUESTIONS:

1) Youth Group purpose and description

1.1 Setting the context:

- Are all of you members of a Youth Group mobilized under Fararano?
- How many regular members are in your group? (M/F)?
- Are any of you here Youth Leaders?
- Have you participated in any other Fararano-supported activities (i.e. SILC/VOAMAMI groups, Farmer Field Schools/*Groupes Dynamiques*, local development committees/KFF, etc.)?
- Have any of you recently participated in other youth activities outside of Fararano?

1.2 Youth Group maturity and level of activity:

- When was your Youth Group formed?
- Have most of you participated since the beginning?
- Do you still meet?
- How often?

1.3 Youth Group purpose:

• What is the purpose ("raison d'être") of your Youth Group? Why was it formed?

1.4 Youth Group common activities:

 What does your Youth Group do? What are your activities? (Ask which activities most of the members have participated in, e.g. Youth Group training, peer education, Un Jeune Un Changement collective action, commune-level events, etc.)

2) Youth experiences, and the perceived relevance and impact of Fararano's youth approach

- 2.1 <u>Youth experiences:</u> I'm interested in what it's like to be a young person in this community, and the differences between young women's and young men's experiences.
 - What common problems do young women/young men face in this fokontany? What are your biggest problems? (Ask M/F members separately)

(Probe for youth's obstacles to achieving a fulfilling, productive adulthood, in particular, related to youth's food and nutrition security.)

2.2 Relevance:

- Has being a member of your Youth Group helped you face your biggest problems?
- If so, how?

(Ask M/F members separately. Probe which activities were more useful/less useful.)

2.3 Impacts:

- Has being a Youth Group member changed anything in your life?
- What's the biggest change?
- What was it like before you were a Youth Group member?

(Ask M/F members separately, and probe how youth think these changes occurred, i.e. what specific Youth Group activity or training was responsible for these changes?)

2.4 Gaps in impacts:

- (If they mention positive impacts, ask) When you joined your Youth Group, what kind of benefits did you hope to get? What kind of changes did you hope to experience in your life and/or in your community?
- Did Fararano youth activities meet all your original expectations? If not, how?

2.5 Gaps in youth approach targeting:

- Are there youth in this community who you think would have benefited from being members of your Youth Group but who did not participate?
- If so, describe them. Why didn't they become members? (Probe gender differential)

2.6 Unintended negative consequences:

Did you experience any disadvantages or inconveniences to participating in the Youth Group?
 Explain. (Ask M/F members separately.)

3) Youth group contributions/impacts on the community

3.1 *Un Jeune, Un Changement* approach:

- Have you heard of IZAHO. TANORA. Mitonda Fiovana?
- Did you complete an analysis of the problems in your community?
- If so, what types of community problems did this Youth Group identify as being most important?
- Do those problems affect you directly? How?

3.2 *Un Jeune, Un Changement* results:

 What actions did this group take to address community problems? What were the results of your actions?

3.3 Factors in the implementation and/or external context associated with effectiveness:

What were the biggest challenges you faced accomplishing those results, if any?

4) Sustainability of the youth approach and outcomes

4.1 Sustainability of Youth Groups:

- If your group is still meeting, what are your current activities?
- Is there any external support for your group? If so, describe.
- If your group is no longer meeting regularly, why not?

4.2 Sustainability of positive youth outcomes:

- (Refer to their responses to question 1.1) For those of you who have joined or formed other groups, since Fararano started working in your community (i.e. SILC/Voamami Groups, Groupes Dynamiques, KFF) why did you join? What benefits are you getting?
- If you have not joined or formed other groups, why?

5) Effectiveness of Fararano's strategy for integrating youth as a cross-cutting priority

5.1 If you could change something in Fararano's youth programming to make it more effective for you/for the community, what would you like to see? (*Probe whether youth were consulted about Youth Group implementation, over the course of the program.*)

**If possible, before the participants leave, ask about the age range of Youth Group members and if the majority are still in school or are out of school. This could be useful for interpreting the FGD responses, but might also make some participants uncomfortable if asked at the beginning of the FGD.

GUIDE FOR SITE VISITS TO PROJECT INTRASTRUCTURE INVESTMENTS

I. INTRODUCTION

Substantial infrastructure investments were made under the Fararano project in selected sites in some of the project's 44 target Communes. The major types of infrastructure investments made were: 1) Water Systems; 2) Sanitation Facilities ("monobloc sanitaire"); 3) Irrigation Systems; and 4) Feeder Roads ("pistes rurales"). These investments contribute to several sub-purposes under Project Purpose 1 (Reduced under-nutrition) and Project Purpose 2 (Increased Incomes). As a part of the site selection process, a mix of infrastructure investments were identified in or near the ten fokotany selected for indepth qualitative evaluation. Primary responsibility for examining these infrastructure investments during the team's field work has been assigned to one member, but other members many join visits to infrastructure sites if time permits.

II. GUIDING QUESTIONS

Assessing infrastructure investment sites should ideally include both physical observation of the infrastructure's condition and functioning, as well as discussions with community members directly benefiting from them and community leaders responsible for ensuring their operation and maintenance. For each infrastructure site, following are examples of guiding questions to be used by the evaluator:

- ✓ <u>Water Systems:</u> For observation: Is water currently available at the water point? Does the system appear to be in good condition? Is the immediate area around the water point clean? To ask community: Is water available at all times and in the quantity needed? Before the construction of this system, where were you obtaining water (source, distance)? Who is responsible for maintaining the system and making repairs when required? Are you paying for water from this system? If so, how much and to whom? Are you satisfied with this water system?
- ✓ <u>Sanitation Facilities:</u> For observation: Does the "monobloc sanitaire" appear to be used by local households? How clean are the latrines and the surrounding area? To ask community: How many households use this facility? Who is responsible for cleaning and maintenance? Do you pay for the use of this facility? If so, how much? Are you satisfied with this monobloc sanitaire and its location in the community?
- ✓ <u>Irrigation Systems:</u> For observation: Is the area currently being cultivated? If so, what crops are observed? Does the system appear to be well-maintained? To ask community: How large is the system (number of farmers, hectares)? What crops are being grown and during what seasons? Who is responsible for managing and maintaining the system? Is there a Water Management Committee? Are you contributing to the cost of maintaining this system?
- ✓ <u>Feeder Road:</u> For observation: As the team drives on the feeder road in question, observe and describe its condition (in relation to similar roads in the Commune). To ask community: When was this feeder road repaired by the project? How has your household or the community benefited? Who is responsible for maintaining this road?

III. INFRASTRUCTURE SITES SELECTED FOR VISIT

Visit Date/District	Site Location	Infrastructure Type	Team Member Responsible	Comments
Oct. 16 Toamasina II	Commune: Fanandrana Fokotany: Fanandrana	Sanitation (monobloc)	Bernard	Full team stop at Commune Center at end of day
Oct. 18 Brickaville	Commune: Andorovanto Fokotany: Manarantsandry	Irrigation System	Bernard	Bernard leaves team in afternoon
October 23 Mananjary	Commune: Antsenavolo Fokotany: Antsenavolo	Water System- AEPG (Adduction d'Eau Potable Gravitaire)	Bernard	
October 28 Toliara II	Commune: Ambohimahavelona Fokotany: Ambohimahavelona	Irrigation System	Bernard (possibly joined by Kevin)	System in same site as FGDs
October 28 Toliara II	Commune: Ambohimahavelona Fokotany: Ambohimahavelona	Piste Rurale Ambohimahavelo na- Ambiky- Andranohinaly	Bernard	Observe Enroute & Discuss in FGD with Community Leaders
October 31 Morombe	Commune: Basibasy Fokotany: Ampasilava	Piste Rurale	Bernard	Observe Enroute & Discuss in FGD with Community Leaders
October 31 Morombe	Commune: Antanimieva Fokotany: Ankilikasy	Irrigation System	Bernard (possibly joined by Kevin)	Bernard leaves team in afternoon to visit enroute back to Befandriana

Part B: Quantitative Population-Based Survey HOUSEHOLD SURVEY

Madagascar Endline Survey (Pilot)	
Begin Module A: Household ID and Informed Consent	
Respondent for this module: Head of HH or Responsible Adult	
A01: Region	○ AMORON I MANIA○ ATSIMO ANDREFANA○ ATSINANANA○ HAUTE MATSIATRA○ VATOVAVY FITOVINANY
A02: District	 ○ AMBATOFINANDRAHANA ○ AMBOSITRA ○ FANDRIANA ○ MANANDRIANA ○ AMPANIHY OUEST ○ BETIOKY ATSIMO ○ MOROMBE ○ SAKARAHA ○ TOLIARY-II ○ BRICKAVILLE ○ TOAMASINA II ○ AMBALAVAO ○ AMBOHIMAHASOA ○ LALANGINA ○ VOHIBATO ○ IFANADIANA ○ MANANJARY
	p_cat=\${A01}
A03: Commune	 ○ AMBONDROMISOTRA ○ SOAVINA ○ TSARASAOTRA ○ ALAKAMISY AMBOHIMAHAZO ○ MAHAZOARIVO ○ AMBOHIMAHAZO ○ ANKILIMIVORY ○ BELAFIKE HAUT ○ BEROY SUD

○ GOGOGOGO
○ VOHITANY
○ ANKAZOMANGA OUEST
○ LAZARIVO
○ MAROARIVO ANKAZOMANGA
○ MAROSAVOA
○ AMBAHIKILY
○ ANTANIMIEVA
BASIBASY
O BEFANDRIANA SUD
○ TANANDAVA STATION
○ MIKOBOKA
○ ANDRANOVORY
○ BEHOMPY
○ BELALANDA
○ MAROMIANDRA
○ MIARY
○ MITSINJO BETANIMENA
○ TSIANISIHA
○ AMBALARONDRA
○ AMPASIMBE
○ ANDOVORANTO
○ ANIVORANO EST
○ ANTSAPANANA
○ BRICKAVILLE
○ RANOMAFANA EST
O VOHIPENO RAZANAKA
○ VOHITRANIVONA
○ AMBODITANDROROHO
○ FANANDRANA
○ AMBINANINDOVOKA
○ AMBOHIMANDROSO
○ ANJOMA
○ MAHAZOMY
○ AMPITANA
○ ANKAFINA TSARAFIDY
SAHAVE
VOHIPOSA
AMBALAKELY
O IVOAMBA
MAHATSINJONY
SAHAMBAVY

	^	
	MAHASOABE	
	○ VOHITRAFENO	
	○ AMBIABE	
	○ ANDRORANGAVOLA	
) IFANADIANA	
	○ KELILALINA	
	AMBOHIMIARINA II	
	ANDONABE	
	ANKATAFANA	
	○ ANOSIMPARIHY	
	○ ANTSENAVOLO	
	○ KIANJAVATO	
	○ MAHATSARA SUD	
	○ TSARAVARY	
	TSIATOSIKA	
	dis_cat=\${A02}	
	◯ EA-22307011	
	○ EA-22308001	
	○ EA-22308009 (Remplacement)	
	○ EA-22308016	
	○ EA-22308031	
	○ EA-22106001	
	EA-22106010 (Remplacement)	
	○ EA-22106023	
	○ EA-22215004	
	○ EA-22212003	
	EA-22212011 (Remplacement)	
	EA-22407006	
A04: Enumeration area (EA) code	◯ EA-22407007 (Remplacement)	
A04. Enumeration area (EA) code	○ EA-51912013	
	○ EA-51908009	
	○ EA-51902004	
	◯ EA-51902022	
	○ EA-51907004 (Remplacement)	
	© EA-51907011	
	◯ EA-51907029	
	○ EA-51907029 ○ EA-51905016	
	○ EA-51907029○ EA-51905016○ EA-51819003	
	○ EA-51907029○ EA-51905016○ EA-51819003○ EA-51829009	
	○ EA-51907029○ EA-51905016○ EA-51819003○ EA-51829009○ EA-51820006	
	○ EA-51907029○ EA-51905016○ EA-51819003○ EA-51829009	

○ EA-51305022
○ EA-51305043
○ EA-51305061
○ EA-51309013
○ EA-51303005
○ EA-51303027
○ EA-51308010
○ EA-51308034
○ EA-51306011
C EA-51306014 (Remplacement)
C EA-51511012 (Remplacement)
○ EA-51512005
○ EA-51614018
○ EA-51613006 (Remplacement)
○ EA-51613008
○ EA-51611010
○ EA-51612010
○ EA-51601001
○ EA-51616005
○ EA-51616019
○ EA-51609010
○ EA-31303012
○ EA-31314008
○ EA-31317002
○ EA-31308002
○ EA-31318008
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	O EA-21505007
	EA-21507005 (Remplacement)
	O EA-21507013
	○ EA-21508013
	○ EA-21602004
	○ EA-21602023
	EA-21609012 (Remplacement)
	EA-23415002 (Remplacement)
	© EA-23412016
	© EA-23401001
	© EA-23411009
	EA-23321001 (Remplacement)
	© EA-23326004
	© EA-23323013
	© EA-23325008 (Remplacement)
	○ EA-23322013
	○ EA-23320009
	© EA-23314007
	○ EA-23329002 ○ EA-23315017
	CA-23313017
	w_cat=\${A03}
A05: Household number (HH)	
Household Listing ID: This is the HH number from the	
listing map (sketch map)	
A05b: Household number (HH)	
Question A05b is an intentional duplicate question.	
Enumerator must correctly enter the "Household	
Number" twice in order to continue with the survey.	
	<u>0</u> 1
	O 2
	○ 3
	O 4
	○ 5
A06: Supervisor Name and Code	06
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	08
	09
	0 10
	011
	○ 12

	○ 13
	○ 14
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	○ 20
	<u>0</u> 1
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	○3
	○ 4
	○ 5
	○ 6
	○ 7
	08
	○ 9
	○ 10
	○ 11
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	○ 13
	O 14
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A07: Enumerator Name and Code	○ 18
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	enum_cat=\${A06}
Begin Interview: Please READ: "Hello. My name is (). I am working with Agence CAPSULE. We are conducting a survey to learn about food security, food consumption, nutrition and wellbeing of households in Madagascar. Your household was selected for the survey. I would like to ask you some questions about your household. The questions usually take about 2 hours. All of the answers you give will be confidential and will not be shared with anyone other than members of our survey team. You don't have to be in the survey, but we hope you will agree to answer the questions since your views are important. If I ask you any question you don't want to answer, just let me know and I will go on to the next question or you can stop the interview at any time. Another member of my team will come and take height and weight measurements of the eligible children in the HH." It is necessary to introduce the household to the survey and obtain the consent of all respondents. 1. First identify the primary decision maker and conduct	
the informed consent with them. 2. Then begin the interview. Add household members by selecting "Add group", when done select "Do not add". Consent for subsequent modules will be at the beginning of each module.	
A08. Please tell me who is the primary male adult (15 years or older) decision-maker in the household? In households where there are no adult males, please enter "0".	
A09. Please tell me who is the primary female adult (15 years or older) decision-maker in the household? In households where there are no adult males, please enter "0".	
A10. Does the primary adult (15 years or older) decision-maker in the household consent to participate in this household survey? If the Head of HH is not available, you may select the next primary adult decision maker as long as they are aged 15 years and over. You still must start the	○ Yes, I agree to participate in the survey○ No, I do not agree to participate in the survey

survey by recording the Head of Household first, even if this person is not present.	
Begin Module B. Household Roster Respondent for this module: Head of HH or Responsible Adult	
Please tell me the name and sex of each person who lives here, starting with the head of the household. For our purposes today, members of a household are adults or children that live together and eat from the "same pot". It should include anyone who has lived in your house for 6 of the last 12 months, but it does not include anyone who lives here but eats separately.	
HH Member ID #: \${mem}	
B01: Name of the household member	
B02: How old is \${B01}? C'est l'âge au moment du dernier anniversaire. If age is less than 1, then please enter "0". If age is more than 95, then please enter "95".	
B03: Is \$\frac{\\$\{\B01\}}{}\] male or female?	○ Male○ Female
B03a: Yes, this is a female between the ages of 15 and 49 years of age and is eligible for module E, please mark the paper tools accordingly. This is a necessary count question. Please answer yes to B03a and move on to question B04. There is no need to re-ask the respondent her age. This question will only appear if she has already answered between 15 and 49 years of age for question B2.	(\${B02}>=15 and \${B02}<=49) and \${B03}=2 O Yes, she is an eligible female between the ages of 15 and 49 years of age
B04_1: What is the relationship of \$\frac{\\$\{B01\}}{\}\$ to the head of the household?	\${mem} = 1 O Head of household
B04_2: What is the relationship of \$\frac{\\$\{B01\}}{B01\}\$ to the head of the household? Household Head is the first household member entered	\$\{mem\} > 1 \(\times \text{Spouse} \) \(\times \text{Daughter/Son} \) \(\times \text{Daughter/Son-in-Law} \) \(\times \text{Grandchild} \) \(\times \text{Parent} \) \(\times \text{Parent-in-Law} \) \(\times \text{Brother/Sister} \)

	Other family relation
	○ Adopted/Foster/Stepchild
	○ Not Related
	O Don't Know
	Refused
	\${mem} > 1 and \${B02}>=15
B05: Is \${B01} a responsible adult if head of	○ Yes
household is absent?	○ No
	O Don't know
	Refused to answer
	\${B05}=1
B05a: Yes, this person is an eligible household	
member for modules F and H2 - H7, please mark the	Yes, this person is an eligible household
paper tools accordingly.	member, please mark the paper tools
	accordingly.
	\${B02}>=15
B06: Is \${B01} the primary person responsible for	○ Yes
food preparation in the household?	○ No
	O Don't know
	Refused to answer
	\${B06}=1
B06a: Yes, this person is an eligible household	\$\\000}-1
member for modules C and H1, please mark the	Yes, this person is an eligible household
paper tools accordingly.	member, please mark the paper tools
	accordingly.
B07: Who is the primary caregiver of \${B01}?	
The primary caregiver and the child are eligible for	\${B02}
Module D (Primary Caregiver). Please mark the	
paper tools accordingly	
B07a: Who is the primary caregiver of \${B01}?	¢(po2), 2 and ¢(po2)
The primary caregiver and the child are eligible for	\${B02}>=2 and \${B02}
Module D (Primary Caregiver). Please mark the	
paper tools accordingly	
	\${B02}>=15
B08: Is \${B01} the biological parent of a child under	O Yes
the age of 2 (23 months or younger) living in this	Yes
household?	○ No ○ Don't know
	Refused to answer
	I C IVELUSER IO ALISMEI

B08b: Yes, this person is biological parent of a child under the age of 2 (23 months or younger) and is eligible for module K, please mark the paper tools accordingly. Please select "yes", this person is the biological parent of a child under 2	\${B08}=1 O Yes, this person is biological parent of a child under the age of 2 (23 months or younger)
B09: Has \${B01} done any work in the last 12 months? **Work includes jobs in the formal and/or informal sector, full time, part time, or seasonal work that is done within and/or outside the home. It includes, but is not limited to agricultural daily wage labor, offfarm daily wage labor, income generation activities, sale of goods produced or processed outside the home or at the home, homestead garden or farm (e.g., vegetables, eggs, fish, livestock, artisanal goods), or petty trading. For this indicator, work does not include participating in cash for work, food for work, or conditional transfers and/or productive safety net programs. It does not include either caring for own children, cooking, cleaning or doing other routine chores for own household (e.g., fetching water, collecting firewood) or being involved in agricultural production solely for household consumption.	\${B02}>=15 Yes No Don't know Refused to answer
B10: During the last 12 months, was \$\frac{\\$B01\}} usually paid in cash or kind for this work or was \$\frac{\\$B01\}} not paid at all?	\${B02}>=15 and \${B09}=1 Cash only Cash and in-kind In-kind only Not paid Don't Know Refused
B10a: Yes, this person is an eligible cash earner who has worked and earned cash in the past 12 months and is eligible for module J, please mark the paper tool accordingly. Please select "yes", this person is an eligible cash earner	\${B10}=1 or \${B10}=2 O Yes, this household member has worked and earned cash in the past 12 months, please mark the paper tool accordingly
B11: Does \$\{\text{B01}\}\ have access to a plot of land (even if very small) over which you make decisions about what will be grown, OR how it will be grown, OR how to dispose of the harvest?	\${B02}>=15 or \${B02}=-8 or \${B02}=-9 O Yes No

Includes plots of land allocated to farmers for growing crops but not owned	○ Don't know ○ Refused to answer
	\${B02}>=15 or \${B02}=-8 or \${B02}=-9
B12: Does \${B01} have animals and/or aquaculture products over which you make decisions about their management OR how to dispose of the production?	○ Yes○ No○ Don't know○ Refused to answer
B12a: Yes this person is a Farmer and is eligible for module G, please mark the paper tool accordingly.	\${B11} = 1 or \${B12} = 1
Please select "yes", this person is an eligible farmer	Yes, this person is an eligible farmer
	\${B02}>=15
B13: What is \${B01}'s current marital status?	 Married or living together Divorced/separated Widowed Never married and never lived together Don't Know Refused
	\${B02}<=17
B14: Is \${B01}'s natural mother alive?	○ Yes○ No○ Don't know○ Refused to answer
	\${B14}=1
B15: Does \${B01}'s natural mother usually live in this household?	○ Yes○ No○ Don't know○ Refused to answer
B15_a: What is her name?	
Record mother's line number from household roster (using the paper tool). If the mother's name is not on the roster, ensure that the mother is a household member, if yes make sure she is added to the roster list. Enter -8 for don't know	\${B15}=1
	\${B02}<=17
B17: Is \${B01}'s natural father alive?	○ Yes ○ No

	O Don't know	
	Refused to answer	
	\${B17}=1	
	Ψ(817) 1	
B18: Does \${B01}'s natural father usually live in this	○Yes	
household?	○ No	
	O Don't know	
	Refused to answer	
B18_a: What is his name?		
Record father's line number from household roster	¢(D40) 4	
(using the paper tool). If the father's name is not on	\${B18}=1	
the roster, ensure that the father is a household		
member, if yes make sure he is added to the roster list. Enter -8 for don't know		
TISE. Effect of or don't know	\${B02}>=5	
	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
B20: Has \${B01} ever attended school?	○Yes	
bzo. Has <u>\$16017</u> ever attended school?	○ No	
	O Don't know	
	Refused to answer	
	\${B20}=1	
	O Pre-primary	
	Primary	
B21: What is the highest level of school \$\{\text{B01}\}\ has	Secondaire 1	
attended?	Secondaire 2	
	Superieur	
	O Don't Know	
	Refused	
	\${B21}=1 or \${B21}=2 or \${B21}=3 or \${B21}=4	
	C Less than 1 year completed	
	T1	
	○ T2	
B21_grade: What is the highest grade \${B01} completed at that level?	○ T3	
	○ T4	
	○ T5	
	○ T6 (6ème)	
	○ T7 (5ème)	
	○ T8 (4ème)	
	○ T9 (3ème)	
	○ T10 (2nd)	

	 T11 (1ère) T12 (Terminale) 1ère année 2ème année 3ème année 4ème année ≥ 5ème année Don't Know Refused Refused Don't Know Refused Refused
	cf=\${B21}
B22: Did \${B01} attend school at any time during the 2019 school year?	(\${B02}>=5 and \${B02}<=24) and \${B20}=1 O Yes O No O Don't know Refused to answer
B23: During this school year, what level was \$\{\begin{align*} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	\${B22}=1 O Pre-primary O Primary O Secondaire 1 O Secondaire 2 O Superieur O Don't Know Refused
B23_grade: During this school year, what grade was \${B01} attending?	\${B23}=1 or \${B23}=2 or \${B23}=3 or \${B23}=4 O Less than 1 year completed O T1 O T2 O T3 O T4 O T5 O T6 (6ème) O T7 (5ème)

	○ T8 (4ème)○ T9 (3ème)
	○ T10 (2nd)
	○ T11 (1ère)
	T12 (Terminale)
	112 (Terminale) 1ère année
	○ 2ème année○ 3ème année
	○ 3eme annee ○ 4ème année
	Sème année Soult Know
	○ Don't Know ○ Refused
	O Don't Know
	Refused
	O Don't Know
	Refused
	O Don't Know
	Refused
	cf=\${B23}
	CI
READ: Just to make sure that I have a complete listing: 1. Are there any other such persons such as small children or infants that we have not listed? 2. Are there any other people who may not be members of your family, such as domestic servants, lodgers, or friends who usually live here? 3. Does anyone else live here even if they are not at home now? Include children in school or household members at work or migrated 4. To add another roster member select "add group" Double check for child respondents	
Program Participation	
B24: Are you (or anyone in HH) participating in	○ Yes
Asotry Project or Fararano Project activities? Or have	○ No
you participated project activities in the past?	O Don't know
Use Probes	Refused to answer
	\${B24} = 1
B25: Are you (or anyone in HH) receiving food	
rations as part of Asotry Project or Fararano Project	○ Yes
activities? Or have you received food rations in the	○ No
past from the project?	O Don't know
	Refused to answer

		\${B24} = 1
B26: Are you (or anyone in HH) participating in nutrition training/meetings organized as part of Asotry Project or Fararano Project activities? Or have you participated nutrition activities in the past?	○ Yes○ No○ Don't know○ Refused to answer	
B27: Are you (or anyone in HH) participating in agriculture-related trainings/meetings as part of the Asotry Project or Fararano Project activities? Or have you participated agriculture activities in the past?	○ Yes○ No○ Don't know○ Refused to answer	\${B24} = 1
B28: Are you (or anyone in HH) receiving cash transfers as part of Asotry Project or Fararano Project activities? Or have you received cash transfers in the past?	○ Yes○ No○ Don't know○ Refused to answer	\${B24} = 1
B29: Are you (or anyone in HH) participating in any other activities as part of the Asotry or Fararano Project? Or have you participated in any other activities in the past?	○ Yes○ No○ Don't know○ Refused to answer	\${B24} = 1
Total number of roster members for this household is "\$\frac{\shm_count}\"\$ Total number of primary person(s) responsible for food preparation in the household "\$\frac{\sprep_count}\"\$ (Module C, H1) Total number of responsible adult(s) if the head of household is absent is "\$\frac{\stres_count}\"\$ (Module F, H2-H7) Total number eligible children under the age of two years (23 months or younger) is "\$\frac{\stres_kid_count2}\"\$ (Module D1) Total number eligible children under the age of five years (59 months or younger) is "\$\frac{\stres_kid_countall}\"\$ (Module D2) Total number of eligible farmers is "\$\frac{\stres_farmers_count}\"\$ (Module G) Total number of eligible women between the age of 15 and 49 years of age is "\$\frac{\stres_kwom_age}\"\$ (Module E) Total number of eligible cash earners is "\$\frac{\stres_fcash_count}\"\$ (Module J) Total number of eligible biological parents with children under the age of 2 years is "\$\frac{\stres_fbiopar_count}\"\$ (Module K) The primary adult decision-maker is "\$\frac{\stres_fA08}{\stres_fa09}\"\$ The primary adult female decision maker is "\$\frac{\stres_fA09}{\stres_fa09}\"\$		

Begin Module F. Water, Sanitation and Hygiene	
Respondent for this module: Head of HH or	
Responsible Adult There are "\${res_count}"	
responsible adults of the Head of HH is absent	
F1. Is the current primary decision maker willing to	○ Yes
continue to the next module?	○ No
	○ \${hm1}
	○ \${hm2}
	○ \${hm3}
	○ \${hm4}
	○ \${hm5}
	○ \${hm6}
	○ \${hm7}
	○ \${hm8}
	○ \${hm9}
	○ \${hm10}
F01_sel. Please select the name of the eligible	○ \${hm11}
	○ \${hm12}
household member	○ \${hm13}
Please refer to the paper tool for the name of the	○ \${hm14}
head of household or responsible adult who will	() \${hm15}
answer the questions in this section	() \${hm16}
	○ \${hm17}
	(\$\f\m18\}
	○ \${hm19}
	(\${hm20}
	(\$\frac{1}{2}
	- ' '
	\(\sigma\) \(\frac{2}{3}\) \(\left\)
	hm_category <= \${hm_count}
	Yes, I agree to participate in the survey
F01a: Does <u>\${F01}</u> give consent to continue?	O No, I do not agree to participate in the
	survey
	O Household Member was not available
Drinking Water	
	O Piped into home
F04: What is currently the main source of drinking	O Piped to yard/plot
water for members of your household?	O Public tap/standpipe
	Tube well or borehole

	O Dug well - protected
	O Dug well - unprotected
	○ Water from spring - protected
	○ Water from spring - unprotected
	Rainwater
	○ Tanker truck
	Cart with small tank
	Surface water
	(River/Dam/Lake/Pond/Stream/Canal/Irrigation
	Channel)
	O Digging into a dry river bed
	O Bottled water
	Other
	O Don't Know
	Refused
	\${F04}=15
F04_other: Specify other:	φ(ισι, 15
	selected (\${F04},"3")or selected (\${F04},"4")or
	selected (\${F04},"5")or selected (\${F04},"6")or
	se
	Se
F05: Where is the water source located?	○ In own dwelling
	○ In own yard/plot
	○ Elsewhere
	O Don't know
	Refused
	O Keruseu
F06: How long does it take to go there, get water	
and come back?	
F06a: Hours	
Enter "0" if less than 1 hour; -8 for Don't Know; -9 for	
Refused	
F06b: Minutes	<u> </u>
Enter -8 for Don't Know; -9 for Refused	
	\${F04}!=-8 or \${F04}!=-9
F07: Is water available from this source all year	○ Yes
round?	○ No
	O Don't know
	Refused to answer

	\${F04}!=-8 or \${F04}!=-9
F08: In the last two weeks, was water unavailable from this source for a day or longer?	○ Yes○ No○ Don't know○ Refused to answer
F09: Do you do anything to the water to make it safer to drink?	○ Yes○ No○ Don't know○ Refused to answer
	\${F09}=1
F10: What do you usually do to make the water safer to drink?	□ Boil (until the water comes to a boil) □ Add bleach/chlorine (Sur'eau) □ Strain through a cloth □ Use water filter (ceramic/sand/composite/etc.) □ Solar disinfection □ Let it stand and settle □ [BIO] sand filtration □ Traditional, with plants (Moringa) □ Other (specify) □ Do not know □ Refused to answer
F10_other: Specify other:	selected (\${F10}, "9")
SANITATION	
F11: What kind of toilet facility do members of your household usually use?	Flush or pour flush toilet - to piped sewer system Flush or pour flush toilet - to septic tank Flush or pour flush toilet - to pit latrine Flush or pour flush toilet - to somewhere else Flush or pour flush toilet - don't know where Pit latrine - vented improved pit latrine Pit latrine - pit latrine with slab Pit latrine - pit latrine without slab/open pit Bucket toilet No facility/bush/field

	O Hanging latrine (pile)
	Other (specify)
	O Don't know
	Refused
F11_other: Specify other:	selected (\${F11}, "96")
rii_other. specify other.	
	\${F11}!=61
F12: Does your household share the toilet facility	○ Yes
with other households?	○ No
	O Don't know
	Refused to answer
	\${F12}=1
	○ Three households
	O Four households
F13: How many households share that toilet facility?	Five households
•	Six households
If sharing a toilet, there must be at least 2 households	Seven households
Householus	1 2
	○ Eight households
	O Nine households
	Ten or more households
	O Don't know
	Refused to answer
HANDWASHING	
	Observed
F14: Please show me where members of your	O Not observed - not in dwelling/yard/plot
household most often wash their hands	O Not observed - no permission to see
	O Not observed - other reason
	\${F14}=1
F15: Observe presence of water at the place for	
handwashing. OBSERVATION ONLY	Water is available
	Water is not available
	\${F14}=1
F16: Observe presence of soap, detergent or other	
cleaning agent at the place for handwashing. OBSERVATION ONLY	☐ Soap or detergent (bar, liquid, powder,
	paste)
	☐ Ash, mud, sand
	□ None

F17: Observe presence of toilet facility that households said they used. OBSERVATION ONLY	Toilet facility is availableToilet facility is not available
F18: Why was \${F01} unable to complete this part of the survey?	(\${F01a}=2 or \${F01a}=-10)
Begin Module C. Food Access Respondent for this module: Person(s) responsible for the preparation of meals during the past 7 days or an adult having taken their meals in the household during the last 7 days The total number of household members who have prepared food in the past 7 days is "\${prep_count}"	
C01_sel. Please select the name of the eligible household member who is responsible for food preparation in the household Please refer to the paper tool for the name of the person responsible for the preparation of meals during the past 7 days or an adult having taken their meals in the household during the last 7 days who will answer the questions in this section	<pre> \$\{hm1\} \$\{hm2\} \$\{hm3\} \$\{hm4\} \$\{hm5\} \$\{hm6\} \$\{hm6\} \$\{hm7\} \$\{hm8\} \$\{hm10\} \$\{hm11\} \$\{hm12\} \$\{hm13\} \$\{hm14\} \$\{hm16\} \$\{hm16\} \$\{hm16\} \$\{hm17\} \$\{hm16\} \$\{hm16\} \$\{hm17\} \$\{hm18\} \$\{hm19\} \$\{hm20\} \$\{hm21\} \$\{hm21\} \$\{hm21\} \$\{hm25\} \$\{hm23\} \$\{hm25\} \$\{hm25\} \$\{hm25\} \$\{hm25\} \$\{hm25\} \$\{hm25\} \$\{hm25\} \$\{hm25\} \$\{hm26\} \$\{hm27\} \$\{hm27\} \$\{hm27\} \$\{hm28\} \$\{hm28\} \$\{hm29\} \$\{hm20\} \$\{hm20\} \$\{hm20\} \$\{hm20\} \$\{hm20\}</pre>
C02a. Does \${C01} give consent to continue?	Yes, I agree to participate in the survey No, I do not agree to participate in the

	survey O Household Member was not available
	\${C02a}=1
C03: Was yesterday an unusual or special day (Festival, Funeral, etc.) or were most household members absent?	○ Yes○ No○ Don't know○ Refused to answer
Now I would like to ask you about the types of foods that you or anyone else in your household ate yesterday during the day and at night. Read the list of foods. Record "yes" if anyone in the household ate the food in question. Record "no" if no one in the household ate the food. The foods listed should be those prepared in the household and eaten in the household or taken elsewhere to eat. Do not include foods consumed outside the home that were prepared elsewhere.	
CO4: Did you or anyone else in your household eat "Maize or gruel, samp, bread, rice, sorghum, millet, finger millet, wheat, pasta, noodles or other foods made from cereals/grains?" yesterday?	○ Yes○ No○ Don't know○ Refused to answer
C05: Did you or anyone else in your household eat "Cassava, potatoes, sweet potatoes, yams, taro, breadfruit, or any other foods made from roots, plantains" yesterday?	○ Yes○ No○ Don't know○ Refused to answer
C06: Did you or anyone else in your household eat "Any vegetables or vegetable leaves (anana), such as carrots, pumpkin, pumpkin leaves, squash, gordes, traditional/indigenous vegetables, mushrooms, etc." yesterday?	○ Yes○ No○ Don't know○ Refused to answer
C07: Did you or anyone else in your household eat "Any fruits? Including traditional/indigenous fruits such as cactus, tamarin, watermelon, baobab" yesterday?	○ Yes○ No○ Don't know○ Refused to answer
C08: Did you or anyone else in your household eat "Any meat? Beef, pork, lamb, goat, rabbit, frog, wild game, chicken, duck, or other birds? Liver, kidney, heart, or other organ meats or blood" yesterday?	○ Yes○ No○ Don't know○ Refused to answer
C09: Did you or anyone else in your household eat "Any eggs? [chicken, turkey, fowl, duck, quay (oiseau domestique sauvage)]" yesterday?	○ Yes○ No○ Don't know○ Refused to answer

C10: Did you or anyone else in your household eat "Any fresh or dried fish, dried shellfish, crabs, orsin, anguille" yesterday?	○ Yes○ No○ Don't know○ Refused to answer
C11: Did you or anyone else in your household eat "Any foods made from Voamaina (beans, peas, lentils, cowpeas, pigeon peas), groundnuts, cashew nuts" yesterday?	○ Yes○ No○ Don't know○ Refused to answer
C12: Did you or anyone else in your household eat "Any cheese, yogurt, milk, sour milk (Abobo) or other dairy products" yesterday?	○ Yes○ No○ Don't know○ Refused to answer
C13: Did you or anyone else in your household eat "Any foods made with oil, fat, animal fat, lard or butter, peanut butter" yesterday?	○ Yes○ No○ Don't know○ Refused to answer
C14: Did you or anyone else in your household eat "Any sugar or honey, sugar cane" yesterday?	○ Yes○ No○ Don't know○ Refused to answer
C15: Did you or anyone else in your household eat "Condiments for flavor, such as chilies, spices, persil, oregon, laurier" yesterday?	○ Yes○ No○ Don't know○ Refused to answer
C16: In the past [4 WEEKS/30DAYS] was there ever no food to eat of any kind in your house because of lack of resources to get food?	○ Yes ○ No
C17: How often did this happen in the past [4 WEEKS/30 DAYS]? Read options.	\${C16}=1 O Rarely (1-2 times) O Sometimes (3-10 times) Often (more than 10) Don't know Refused to answer
C18: In the past [4 WEEKS/30 DAYS] did you or any household member go to sleep at night hungry because there was not enough food?	○ Yes ○ No
C19: How often did this happen in the past [4 WEEKS/30 DAYS]? Read options.	\${C18}=1 O Rarely (1-2 times) O Sometimes (3-10 times) Often (more than 10)

	○ Don't know○ Refused to answer
C20: In the past [4 WEEKS/30 DAYS] did you or any household member go a whole day and night without eating anything at all because there was not enough food?	○ Yes ○ No
	\${C20}=1
C21: How often did this happen in the past [4 WEEKS/30 DAYS]? Read options.	○ Rarely (1-2 times)○ Sometimes (3-10 times)○ Often (more than 10)○ Don't know○ Refused to answer
Now I am going to ask you about strategies that your household may have used to deal with difficulties accessing food in the past 30 days. I will read the strategy that you may have used to deal with problems accessing food and then ask you to tell me how many times you may have used the strategy during the past 30 days.	
C22: Skip entire days without eating?	 ○ Never ○ Seldom (1-2 days per month) ○ Sometimes (1-2 day per week) ○ Often (3-6 days per week) ○ Daily ○ Does not know ○ Refused to answer
C23: Limit portion size at mealtimes?	 ○ Never ○ Seldom (1-2 days per month) ○ Sometimes (1-2 day per week) ○ Often (3-6 days per week) ○ Daily ○ Does not know ○ Refused to answer
C24: Reduce number of meals eaten per day?	 ○ Never ○ Seldom (1-2 days per month) ○ Sometimes (1-2 day per week) ○ Often (3-6 days per week) ○ Daily ○ Does not know ○ Refused to answer

C25: Borrow food or rely on help from friends or relatives?	 Never Seldom (1-2 days per month) Sometimes (1-2 day per week) Often (3-6 days per week) Daily Does not know Refused to answer
C26: Rely on less expensive or less preferred foods?	Never Seldom (1-2 days per month) Sometimes (1-2 day per week) Often (3-6 days per week) Daily Does not know Refused to answer
C27: Purchase/borrow food on credit?	 Never Seldom (1-2 days per month) Sometimes (1-2 day per week) Often (3-6 days per week) Daily Does not know Refused to answer
C28: Harvest immature crops?	 Never Seldom (1-2 days per month) Sometimes (1-2 day per week) Often (3-6 days per week) Daily Does not know Refused to answer
C29: Send household members to eat elsewhere?	 Never Seldom (1-2 days per month) Sometimes (1-2 day per week) Often (3-6 days per week) Daily Does not know Refused to answer
C30: Send household members to beg?	 ○ Never ○ Seldom (1-2 days per month) ○ Sometimes (1-2 day per week) ○ Often (3-6 days per week) ○ Daily ○ Does not know ○ Refused to answer

C31: Reduce adult consumption so children can eat?	 Never Seldom (1-2 days per month) Sometimes (1-2 day per week) Often (3-6 days per week)
C31: Reduce adult consumption so children can eat?	Daily
	O Does not know
	Refused to answer
	○ Never
	Seldom (1-2 days per month)
	Sometimes (1-2 day per week)
C32: Rely on casual labor for food?	Often (3-6 days per week)
•	O Daily
	O Does not know
	Refused to answer
	○ Never
	○ Seldom (1-2 days per month)
	O Sometimes (1-2 day per week)
C33: Use of savings?	Often (3-6 days per week)
	Opaily
	O Does not know
	Refused to answer
	○ Never
	Seldom (1-2 days per month)
C34: Consumed seed stock reserved for the next	Sometimes (1-2 day per week)
season?	Often (3-6 days per week) Daily
	O Does not know
	Refused to answer
	Never
	Seldom (1-2 days per month)
	Sometimes (1-2 day per week)
C35: Send children to work?	Often (3-6 days per week)
	Opaily
	O Does not know
	Refused to answer
	□ Food
	☐ Cash
C36: Did you receive any of the following types of	☐ Crop inputs
assistance during the past 6 months?	☐ Livestock inputs
Read each response and choose all that apply.	☐ Kit d'urgence (lampe)
	\square WASH inputs (aquatabs, jerrycans, etc. that
	are not included in Kit d'urgence)

	☐ Other (Specify)	
	☐ No assistance received	
	☐ Don't know	
	☐ Refused	
	selected(\${C36},"7")	
C36_other: Please specify:		
	1/ 1 1/4/2023 (1911)	
	not(selected(\${C36},"8"))	
	☐ Government	
	□NGO	
C37: Who did you receive the assistance from?	☐ Community group	
NGO=Non-governmental Organization Read each	☐ Farmers COOP/Association	
response and choose all that apply.	☐ Friend or family member	
	☐ Other (Specify)	
	☐ Don't Know	
	☐ Refused	
	selected(\${C37},"6")	
C37_other: Please specify:		
_		
	not(selected(\${C36},"8"))	
C38: Did you receive the assistance in response to a shock?	○ Yes	
SHOCK:	○ No	
	☐ Drought	
	☐ Flood/water logging	
	☐ Strong winds or storms	
	☐ Crop disease or crop pests	
	☐ Livestock disease or deaths	
	☐ Loss of job/non-payment	
	☐ Large fall in sale price of crops	
C39: Did you experience any of the following shocks	☐ Large rise in prices of food	
during the last 12 months? Read each response and choose all that apply.	☐ Death in household	
	☐ Break-up of the household	
	□ Illness	
	□ Theft	
	☐ House damaged due to fire	
	induse damaged due to me	
	☐ End of regular assistance, aid or remittances	
	_	

-	☐ There was no shocl	k
	☐ Don't Know	K.
	☐ Refused	
	□ Keluseu	
C39_other: Please specify:		selected(\${C39},"15")
c35_other. Hease specify.		
C40: Why was \${C01} unable to complete this part of the survey		\${C02a}!=1
Begin Module G. Agriculture		
Respondent for this module: All farmers		
	☐ \${hm1}	
	□ \${hm2}	
	□ \${hm3}	
	□ \${hm4}	
	□ \${hm5}	
	□ \${hm6}	
	□ \${hm7}	
	☐ \${hm8}	
	□ \${hm9}	
	☐ \${hm10}	
G01_sel. Please select the names of the eligible	☐ \${hm11}	
farmers as indicated on the paper household roster	☐ \${hm12}	
Instructions to Respondent When the Farmer is	☐ \${hm13}	
Absent: Because the Head of HH is absent, are you	☐ \${hm14}	
willing to answer these questions about HIS/HER	☐ \${hm15}	
farming? Total number of clinible farmers from the rester list.	☐ \${hm16}	
Total number of eligible farmers from the roster list is \${farmers_count}	□ \${hm17}	
is quarticis_county	☐ \${hm18}	
	☐ \${hm19}	
	□ \${hm20}	
	☐ \${hm21}	
	□ \${hm22}	
	□ \${hm23}	
	□ \${hm24}	
	□ \${hm25}	
	hm _.	_category <= \${hm_count}

G01a. Does \${G01} give consent to continue?	○ Yes, I agree to participate in the survey○ No, I do not agree to participate in the survey○ Household Member was not available
G02. What is the farmer's sex?	\${G01a}=1 O Male O Female
G03. Have you regularly participated in agriculture related trainings/meetings, specifically the Asotry Project and/or Fararano Project projects?	\${G01a}=1 O Yes O No O Don't know Refused to answer
G04. Does \${G01} have access to a plot of land (even if very small) over which you make decisions about what will be grown, OR how it will be grown, OR how to dispose of the harvest? Includes plots of land allocated to farmers for growing crops but not owned	\${G01a}=1 O Yes O No O Don't know Refused to answer
G05. Does \${G01} have animals and/or aquaculture products over which you make decisions about their management OR how to dispose of the production?	\${G01a}=1 O Yes O No O Don't know Refused to answer
G07: Did you take any agricultural credit, in cash or in kind, in the [PAST 12 MONTHS] from any of the following? Read list. Select all that apply. MFI = Microfinance Institution	□ Agro-dealers □ Contract farming □ Village savings groups □ Farmers associations or cooperatives □ MFI □ Middlemen □ NGO □ Government institution □ Non-cash loans □ Input from buyers □ Other (Specify) □ Did not take any agricultural credit □ Don't Know □ Refused

	selected (\${G07}, "11")	
G07_other: Please specify:		
	☐ Village savings and loan	
G08: Did you save any cash through any of the following institutions in the past 12 months? Read list. Select all that apply.	☐ MFI	
	☐ Cooperative ☐ Post Office	
	☐ Commercial banks	
	☐ Mobile banking	
	☐ Other (Specify)	
	☐ Did not save any cash	
	□ Don't Know	
	□ Refused	
G08a: Please specify:	selected (\${G08}, "7")	
G09: Did you have agricultural insurance in the [PAST	○ Yes	
12 MONTHS]?	○ No	
Some people insure their agricultural production	O Don't know	
against negative unexpected circumstances, such as drought, floods, and pests by paying for this service.	Refused to answer	
Now I want to ask you about farming and livestock		
practices about which you make decisions. This		
includes practices about crops, animals and		
aquaculture products.		
	\square Purchase inputs through agro-dealers and/or	
	community associations	
	☐ Use of mobile financial services	
	Use of financial services other than mobile	
	☐ Use of training and extension services	
G10: Which of the following activities related to	☐ Contract farming	
farming and animal husbandry have you practiced or	☐ Solar drying	
received services for during [PAST 12 MONTHS]? Read each activity. Select all that apply. If none were practiced, then select the last option ("Did not practice any").	☐ Storage (warehousing)	
	☐ Processing produce (culturing, shelling,	
	roasting, milling, etc.)	
	☐ Trading or marketing produce through agrodealers and/or community associations	
	☐ Did not practice any of these activities in	
	past 12 months	
	□ Don't Know	
	☐ Refused	

	○ Yes	
G12: In the past 12 months, did you plant any crops	○ No	
in the plot(s) over which you make decisions?	O Don't know	
	Refused to answer	
	selected (\${G12}, "1")	
	☐ Maize	
	☐ Rice	
	☐ Cassava	
	☐ Groundnuts	
	☐ Soybean	
G13: What crops did you plant during the past 12	☐ White sweet potato	
months in the plot(s) over which you make decisions?	☐ Orange sweet potato	
Select all crops named by the respondent.	☐ White potato	
select un crops numeu by the respondent.	☐ Beans and pulses	
	□ Vegetables	
	☐ Fruits	
	☐ Other(Specify)	
	☐ Other(Specify)	
	☐ Don't Know	
	☐ Refused	
	selected (\${G13}, "12")	
G13_other1: Please specify all other crops:	36.66.66 (\$(613)), 12 /	
	selected (\${G12}, "1")	
	☐ Manure	
	☐ Compost	
	☐ Mulching	
G14: For the crops (including vegetables) that you	☐ Weed control	
planted, did you use any of these practices in the	☐ Row planting	
[PAST 12 MONTHS]?	\square Planting trees or shrubs around the plot	
Read each practice. Select those that were used. If	☐ Terracing	
none of these practices were used, then select the	☐ Early planting or planting with first rains	
last option ("Did not use any").	☐ Use of improved crop seeds	
	☐ Crop rotations	
	☐ Intercropping	
	☐ Use of natural pesticides (chili, beer, etc.)	
	☐ Use of chemical pesticides	
	☐ Use of guano fertilizer	

	☐ Irrigation management	
	☐ Conservation agriculture/farming	
	☐ Rice-fish farming	
	☐ Use of straw	
	☐ Inter-season planting	
	☐ Did not use any of these practices in past 12	
	months	
	☐ Don't Know	
	☐ Refused	
	☐ Cattle	
	☐ Goats	
	☐ Sheep	
	☐ Chickens/poultry	
G15: What livestock did you raise/care for and make	☐ Fish	
decisions about during the [PAST 12 MONTHS]?	□ Bees	
Select all animal species (including fish) named by the respondent.	☐ Pigs	
the respondent.	☐ Other (Specify)	
	☐ Other (Specify)	
	☐ Don't Know	
	☐ Refused	
	selected (\${G15}, "8")	
G15_other1: Please specify all other animals:		
	☐ Improved animal shelters	
	☐ Vaccinations	
	☐ Deworming	
	☐ Homemade animal feeds made of locally	
	available products	
G16: Did you use any of the following practices when	☐ Animal feed supplied by stockfeed	
you cared for the livestock during the [PAST 12	manufacturer	
MONTHS]?	☐ Pen feeding	
Read each practice. Select those that were used. If none of these practices were used, then select the	☐ Fodder production	
	Used the services of community animal	
last option ("Did not practice any").	health workers/paravets Race selection	
	☐ Building and livestock machinery	
	☐ Did not practice any of these activities in past 12 months	
	Don't know	
	☐ Refused	

	☐ Veterinarian	
	☐ Community animal health worker	
G17: If you purchased drugs or medicines to give to	☐ Agro-dealer	
livestock during the past 12 months, where did you primarily purchase the drugs?	☐ Other(Specify)	
	☐ Did not purchase drugs/medicines	
	□ Don't Know	
	☐ Refused	
	selected (\${G17}, "4")	
G17_other: Please specify:		
	☐ Management or protection of dams or water	
G18: Did you use any of the following natural	catchments	
resources management practices or techniques that	☐ Agro-forestry	
were not related directly to your on-farm production	Reforestation	
during the [PAST 12 MONTHS]?	☐ Sustainable harvesting of forest products	
Read each practice. Select those that were used. If none of these practices were used, then select the	☐ Did not practice any of these activities in	
last option ("Did not practice any").	past 12 months	
, , , , , , , , , , , , , , , , , , , ,	☐ Don't know	
	Refused	
G20: During the past 12 months did you store any	○ Yes ○ No	
crops from the plot(s) over which you make	O Don't know	
decisions?	Refused to answer	
	\${G20}=1	
	\${\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
	☐ Improved granary	
G21A: Did you use any of the following methods to	☐ Underground storage	
store the crops?	☐ Warehousing	
Read each method. Select those that were used. If	☐ Triple bag	
none of these methods were used, then select the last option ("Did not use any").	☐ Mini tank	
iust option (Dia not use uny).	☐ Did not use any of these methods	
	☐ Don't know	
	☐ Refused	
	\${G20}=1	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
G21B: Why did you store the crops?	☐ Self-consumption	
Read each reason. Select all that apply.	☐ Sell at better price	
	☐ Produce seeds	
	☐ Other (Specify)	

	☐ Don't know
	□ Refused
G21B_other: Please specify:	selected (\${G21B}, "4")
G22: During the past 12 months did you sell any crops harvested from the plot(s) over which you make decisions?	○ Yes○ No○ Don't know○ Refused to answer
G23: How much did you receive for sales of your crops? Ariary Enter -8 for Don't Know; -9 for Refused	\${G22}=1
G24: In the [PAST 12 MONTHS] have you received any of the following agricultural or livestock services? Select all that apply. If none of these services were received, then select the last option only ("None received")	☐ Training ☐ Oral/written education materials ☐ Agricultural inputs ☐ Credit services ☐ Veterinary services ☐ Other (specify) ☐ None received ☐ Don't know ☐ Refused
G24_other: Please specify:	selected (\${G24}, "6")
G25: Whom did you receive the services from? Select all that apply. Examples of specific projects: AROPA, FORMAPROD, Prosper, PDSR, etc.	\$\{\G24\}!=7
G25_other: Please specify:	selected (\${G25}, "6")
G27: Why was \$\{G01\} unable to complete this part of the survey?	\${G01a}!=1

Begin Module D1: Children's Nutritional Status and Feeding Practices		
Respondent for this module: Primary Caregivers Repetitions: Once for each child under 5 years		
I would now like to ask you some questions about your children.		
Respondent for this module: Primary Caregivers Repetitions: "There are "\${kid_countall}" children under the 5 years of age		
	☐ \${hm1}	
	□ \${hm2}	
	□ \${hm3}	
	□ \${hm4}	
	□ \${hm5}	
	□ \${hm6}	
	□ \${hm7}	
	□ \${hm8}	
	□ \${hm9}	
	□ \${hm10}	
D04_sel : Please select that names of the <i>children</i>	☐ \${hm11}	
under 5 from the list:	□ \${hm12}	
Please refer to the paper tool for the names of the	☐ \${hm13}	
primary caregivers who will answer the questions in	☐ \${hm14}	
this section and for the names of the children to be selected Total number eligible children under the age	□ \${hm15}	
of five years (59 months or younger) is	☐ \${hm16}	
" <u>\${kid_countall}"</u>	□ \${hm17}	
	☐ \${hm18}	
	☐ \${hm19}	
	□ \${hm20}	
	☐ \${hm21}	
	□ \${hm22}	
	□ \${hm23}	
	□ \${hm24}	
	□ \${hm25}	
		hm_category <= \${hm_count}
	○ \${hm1}	
D03_sel: Please select the name of the <i>primary</i>	○ \${hm2}	
<u>caregiver</u> for \${D04}	○ \${hm3}	
	○ \${hm4}	

Please refer to the paper tool for the name of the	○ \${hm5}
primary caregiver who will answer the questions in	○ \${hm6}
this section	○ \${hm7}
	○ \${hm8}
	○ \${hm9}
	○ \${hm10}
	○ \${hm11}
	○ \${hm12}
	○ \${hm13}
	○ \${hm14}
	○ \${hm15}
	○ \${hm16}
	○ \${hm17}
	○ \${hm18}
	○ \${hm19}
	○ \${hm20}
	○ \${hm21}
	○ \${hm22}
	○ \${hm23}
	○ \${hm24}
	○ \${hm25}
	hm_category <= \${hm_count}
	hm_category <= \${hm_count} O Yes, I agree to participate in the survey
DO3h: Does \${DO3} give consent to continue?	
D03b: Does \${D03} give consent to continue?	Yes, I agree to participate in the survey
D03b: Does \${D03} give consent to continue?	Yes, I agree to participate in the survey No, I do not agree to participate in the
D03b: Does \${D03} give consent to continue?	Yes, I agree to participate in the survey No, I do not agree to participate in the survey
	 Yes, I agree to participate in the survey No, I do not agree to participate in the survey Household Member was not available \${D03b} =1
D05: Does \${D04} have a health/vaccination card or	 Yes, I agree to participate in the survey No, I do not agree to participate in the survey Household Member was not available \${D03b} =1 Yes
	 Yes, I agree to participate in the survey No, I do not agree to participate in the survey Household Member was not available \${D03b} =1 Yes No
D05: Does \${D04} have a health/vaccination card or	 Yes, I agree to participate in the survey No, I do not agree to participate in the survey Household Member was not available \${D03b} =1 Yes No Don't know
D05: Does \${D04} have a health/vaccination card or other documents with the birth date recorded?	 Yes, I agree to participate in the survey No, I do not agree to participate in the survey Household Member was not available \${D03b} =1 Yes No Don't know Refused to answer
D05: Does \${D04} have a health/vaccination card or other documents with the birth date recorded? D05a: Please select the day, month and year of	 Yes, I agree to participate in the survey No, I do not agree to participate in the survey Household Member was not available \${D03b} =1 Yes No Don't know
D05: Does \${D04} have a health/vaccination card or other documents with the birth date recorded? D05a: Please select the day, month and year of \${D04}'s birth as shown on their official document.	 Yes, I agree to participate in the survey No, I do not agree to participate in the survey Household Member was not available \${D03b} =1 Yes No Don't know Refused to answer \${D03b} =1 and \${D05} =1
D05: Does \${D04} have a health/vaccination card or other documents with the birth date recorded? D05a: Please select the day, month and year of \${D04}'s birth as shown on their official document. If a Document with the Birthdate is shown and the	 Yes, I agree to participate in the survey No, I do not agree to participate in the survey Household Member was not available \${D03b} =1 Yes No Don't know Refused to answer
D05: Does \${D04} have a health/vaccination card or other documents with the birth date recorded? D05a: Please select the day, month and year of \${D04}'s birth as shown on their official document.	 Yes, I agree to participate in the survey No, I do not agree to participate in the survey Household Member was not available \${D03b} =1 Yes No Don't know Refused to answer \${D03b} =1 and \${D05} =1
D05: Does \${D04} have a health/vaccination card or other documents with the birth date recorded? D05a: Please select the day, month and year of \${D04}'s birth as shown on their official document. If a Document with the Birthdate is shown and the respondent confirms the information is correct,	 Yes, I agree to participate in the survey No, I do not agree to participate in the survey Household Member was not available \${D03b} =1 Yes No Don't know Refused to answer \${D03b} =1 and \${D05} =1 Day: Month:
D05: Does \${D04} have a health/vaccination card or other documents with the birth date recorded? D05a: Please select the day, month and year of \${D04}'s birth as shown on their official document. If a Document with the Birthdate is shown and the respondent confirms the information is correct, record the date as documented and use the birth	 Yes, I agree to participate in the survey No, I do not agree to participate in the survey Household Member was not available \${D03b} =1 Yes No Don't know Refused to answer \${D03b} =1 and \${D05} =1 Day:
D05: Does \${D04} have a health/vaccination card or other documents with the birth date recorded? D05a: Please select the day, month and year of \${D04}'s birth as shown on their official document. If a Document with the Birthdate is shown and the respondent confirms the information is correct, record the date as documented and use the birth date conversion table to fill in the age in months in	 Yes, I agree to participate in the survey No, I do not agree to participate in the survey Household Member was not available \${D03b} =1 Yes No Don't know Refused to answer \${D03b} =1 and \${D05} =1 Day: Month:

Use the month and year of birth to calculate the child's age in completed months and years for questions D06 and D07.	Month:
D06: How old was \${D04} on their last birthday? Record age in completed years.	\${D03b} =1
D07: How many months old is \$\{D04\}? Record age in completed months.	\${D03b} =1
D07b: Check D05, D06, and D07 to verify consistency. A) Is the year recorded in D05 consistent with the age in years recorded in D06? B) Are year and month of birth recorded in D05 consistent with age in months recorded in D07? Use birthdate conversion table to check. C) If age is not consistent with age in months, go back to previous screen and enter appropriate age.	\${D03b} =1
All children must be under the age of 5 years old (59 months or younger) If this is a mistake please select the back arrow and enter the correct age of \${D04} in question D07	\${D03b}=1 and \${D07}>59
D08: Are you (or anyone in HH) receiving food rations as part of Asotry Project or Fararano Project activities? Or have you received food rations in the past from the project?	\${D03b} =1 O Yes O No O Don't know Refused to answer
D08a: Please specify from where? Enter -8 if they don't know and -9 if they refuse to answer	\${D03b} =1 and \${D08} =1
D09: Are you (or anyone in HH) participating in nutrition training/meetings organized as part of Asotry Project or Fararano Project activities? Or have you participated nutrition activities in the past?	\${D03b} =1 O Yes O No O Don't know Refused to answer
Exclusive Breast Feeding and Minimum Acceptable Diet	
D16: Has \${D04} ever been breastfed?	○ Yes○ No○ Don't know○ Refused to answer

	\${D16}=1
D17: Was \$\{\text{D04}\}\ breastfed yesterday during the day or night?	○ Yes○ No○ Don't know○ Refused to answer
Sometimes babies are breastfed by another woman or given breast milk from another woman by spoon, cup, bottle, or some other way. This can happen if a mother cannot breastfeed her own baby for various reasons, such as the mother is sick or away, has mastitis, etc.	\${D17}=2 or \${D17}=-8 or \${D17}=-9
	\${D17}=2 or \${D17}=-8 or \${D17}=-9
D18: Did \$\{\text{D04}\} consume breast milk in any of these ways yesterday during the day or at night?	○ Yes○ No○ Don't know○ Refused to answer
Now I would like to ask you about some medicines and vitamins that are sometimes given to infants.	
D19: Was \${D04} given any vitamin drops or other medicines as drops yesterday during the day or at night?	○ Yes○ No○ Don't know○ Refused to answer
D20: Was \${D04} given oral rehydration solution yesterday during the day or at night?	○ Yes○ No○ Don't know○ Refused to answer
Next I would like to ask you about some liquids that \$\{\text{D04}\}\ \text{may have had yesterday during the night or at day. Did \$\{\text{D04}\}\ \text{have:}	
D21: Plain Water?	○ Yes○ No○ Don't know○ Refused to answer
D22: Any kind of infant formula? If the respondent is unsure of what is meant by "infant formula" then probe with brand names such as Nani, SMA, Nestle, Enfamil, Isomil, Lactogen?	○ Yes○ No○ Don't know○ Refused to answer
D23: How many times yesterday during the day or at night did \${D04} consume any formula?	\${D22}=1

D24: Did \${D04} have any milk such as tinned, powdered or fresh animal milk?	○ Yes○ No○ Don't know○ Refused to answer
D25: How many times yesterday during the day or at night did \${D04} consume any milk?	\${D24}=1
D26: Did \${D04} have any jus naturels ou gazeux?	○ Yes○ No○ Don't know○ Refused to answer
D27: Clear broth?	○ Yes○ No○ Don't know○ Refused to answer
D28: Yogurt?	○ Yes○ No○ Don't know○ Refused to answer
D29: How many times yesterday during the day or at night did \${D04} consume any yogurt?	\${D28}=1
D30: Did \${D04} have any thin porridge? (PROBES: KobaAina, FARICAL, Koba Soa) Limit to porridge mixed very thin or thick drinks made from cereal. Thicker less liquid porridge is included under item D33.	○ Yes○ No○ Don't know○ Refused to answer
D31: Any other liquids? PROBES: Gripe water, glucose water, sugar water?	○ Yes○ No○ Don't know○ Refused to answer
Next I would like to ask you about (other) liquids or foods that \${D04} ate yesterday during the day or at night. I am interested in whether your child had the item even if it was combined with other foods. For example, if \${D04} ate a rice porridge made with a mixed vegetable sauce, you should reply yes to any food I ask about that was an ingredient in the porridge or sauce. Please do not include any food used in a small amount for seasoning or condiments (like chilies, spices, herbs, or fish powder). I will ask you about those foods separately.	

Yesterday, during the day and night, did \$\{\text{D04}\} eat any of the following: (Ask questions D33-D49)	
D33: Bread, biscuits (savory), pasta, noodles, rice, crackers, porridge or other foods made from grains such as corn, wheat, millet, sorghum?	○ Yes○ No○ Don't know○ Refused to answer
D34: Carotte, courge orange ou jaune, patate douce de chair orange, ou tout aliment à chair jaune foncé ou orangée?	YesNoDon't knowRefused to answer
D35: White potatoes, white yams, cassava or any other foods made from roots or tubers?	○ Yes○ No○ Don't know○ Refused to answer
D36A: Any dark green leafy vegetables comme feuille de manioc, feuille de haricot, épinard, feuille de patate ?	○ Yes○ No○ Don't know○ Refused to answer
D36B: Any other vegetables, like fresh green beans, tomato, etc.?	○ Yes○ No○ Don't know○ Refused to answer
D37A: Kaki, mangues et papayes mures, abricots, melons oranges ou tout fruit à chair jaune foncé ou orangée?	○ Yes○ No○ Don't know○ Refused to answer
D37B: Any other fruits like bananas, apples, avocado, etc.?	○ Yes○ No○ Don't know○ Refused to answer
D38A: Liver, kidney, heart, or other organ meats from domesticated animals such as beef, pork, lamb, goat, chicken, or duck?	○ Yes○ No○ Don't know○ Refused to answer
D38B: Any meat, such as beef, pork, lamb, rabbit, goat, chicken, or duck?	○ Yes○ No○ Don't know○ Refused to answer
D39A: Any organs from wild animals, such as herissons, chats sauvages, chauve-souris?	○ Yes○ No

	○ Don't know ○ Refused to answer
_	
	Yes
D39B: Any flesh from wild animals, such as	○ No
herissons, chats sauvages, chauve-souris?	O Don't know
	Refused to answer
	○ Yes
	○ No
D40: Eggs? (chicken, turkey, fowl, duck)	O Don't know
	Refused to answer
	Yes
D41: Fresh or dried fish, shellfish, crabs or seafood?	○ No
	O Don't know
	Refused to answer
	○ Yes
D42: Any foods made from beans, peas, lentils,	○ No
groundnuts or other legumes?	O Don't know
	Refused to answer
	○ Yes
D43: Any foods made from nuts and seeds such as mahabibo, (sakoa dans le Sud) ?	○ No
	O Don't know
	Refused to answer
	○ Yes
D44: Milk, cheese, yogurt, lait caille or other milk	○ No
products?	O Don't know
	Refused to answer
	○ Yes
D45: Any oils, fats, butter, or foods made with any of	○ No
these?	O Don't know
these:	Refused to answer
	○ Yes
D46: Any sugary foods such as chocolates, sweets,	○ No
candies, pastries, sweet biscuits or cakes?	O Don't know
	Refused to answer
	○ Yes
D47: Condiments for flavor, such as chilies, spices, persil, oregon, laurier?	○ No
	O Don't know
	Refused to answer
	○ Yes
D48: Vers, escargots, insectes (locusts, chenille)?	O No
J. 101. Vers, esseungers, misceres (rocusts) enermiem,	O Don't know
	Refused to answer

	O v	
	Yes	
D49: Foods made with red palm oil, red palm nut, or	○ No	
red palm nut pulp sauce?	O Don't know	
	Refused to answer	
	\${D33}= 2 and \${D34}= 2 and\${D35}= 2 and	
Check Questions D33-D48	\${D36A}= 2 and \${D36B}= 2and \${D37A}= 2 and	
	\${D37B}= 2 an	
	\${D33}= 2 and \${D34}= 2 and\${D35}= 2 and	
DEO. Now I'd just like to worify Did (1004) eat any	\${D36A}= 2 and \${D36B}= 2 and \${D37A}= 2 and	
D50: Now, I'd just like to verify. Did \$\{\text{D04}\}\) eat any solid, semi-solid, or soft foods yesterday during the	\${D37B}= 2 and \${D30B}= 2 and \${D37B}= 2 an	
day or at night?	- γ(D3/D)- 2 an	
PROBE: What kind of solid, semi-solid, or soft foods	○Yes	
did <u>\${DO4}</u> eat? If "YES" survey will automatically	○ No	
repeat questions D33-D49 `	O Don't know	
•	Refused to answer	
	\${D50}=1	
D33a: Bread, biscuits (savory), pasta, noodles, rice,	○ Yes	
crackers, porridge or other foods made from grains	○ No	
such as corn, wheat, millet, sorghum?	O Don't know	
	1 7	
	Refused to answer	
	\${D50}=1	
D34a: Carotte, courge orange ou jaune, patate		
douce de chair orange, ou tout aliment à chair jaune	Yes	
foncé ou orangée?	○ No	
	O Don't know	
	O Refused to answer	
	\${D50}=1	
D35a: White potatoes, white yams, cassava or any	○ Yes	
other foods made from roots or tubers?	○ No	
	O Don't know	
	Refused to answer	
	\${D50}=1	
D36Ab: Any dark green leafy vegetables comme		
feuille de manioc, feuille de haricot, épinard, feuille de patate ?	Yes	
	○ No	
	O Don't know	
	Refused to answer	
D36Bb: Any other vegetables, like fresh green beans,	\${D50}=1	
tomato, etc.?		

	○ Yes○ No○ Don't know○ Refused to answer	
D37Ab: Kaki, mangues et papayes mures, abricots, melons oranges ou tout fruit à chair jaune foncé ou orangée?	○ Yes○ No○ Don't know○ Refused to answer	\${D50}=1
D37Bb: Any other fruits like bananas, apples, avocado, etc.?	○ Yes○ No○ Don't know○ Refused to answer	\${D50}=1
D38Ab: Liver, kidney, heart, or other organ meats from domesticated animals such as beef, pork, lamb, goat, chicken, or duck?	○ Yes○ No○ Don't know○ Refused to answer	\${D50}=1
D38Bb: Any meat, such as beef, pork, lamb, rabbit, goat, chicken, or duck?	○ Yes○ No○ Don't know○ Refused to answer	\${D50}=1
D39Ab: Any organs from wild animals, such as herissons, chats sauvages, chauve-souris?	○ Yes○ No○ Don't know○ Refused to answer	\${D50}=1
D39Bb: Any flesh from wild animals, such as herissons, chats sauvages, chauve-souris?	○ Yes○ No○ Don't know○ Refused to answer	\${D50}=1

		\${D50}=1
D40a: Eggs? (chicken, turkey, fowl, duck)	○ Yes○ No○ Don't know○ Refused to answer	
		\${D50}=1
D41a: Fresh or dried fish, shellfish, crabs or seafood?	YesNoDon't knowRefused to answer	
		\${D50}=1
D42a: Any foods made from beans, peas, lentils, groundnuts or other legumes?	YesNoDon't knowRefused to answer	
		\${D50}=1
D43a: Any foods made from nuts and seeds such as mahabibo, (sakoa dans le Sud)?	YesNoDon't knowRefused to answer	
		\${D50}=1
D44a: Milk, cheese, yogurt, lait caille or other milk products?	YesNoDon't knowRefused to answer	
		\${D50}=1
D45a: Any oils, fats, butter, or foods made with any of these?	○ Yes○ No○ Don't know○ Refused to answer	
		\${D50}=1
D46a: Any sugary foods such as chocolates, sweets, candies, pastries, sweet biscuits or cakes?	YesNoDon't knowRefused to answer	

	\${D50}=1
D47a: Condiments for flavor, such as chilies, spices, persil, oregon, laurier?	○ Yes○ No○ Don't know○ Refused to answer
	\${D50}=1
D48a: Vers, escargots, insectes (locusts, chenille)?	YesNoDon't knowRefused to answer
	\${D50}=1
D49a: Foods made with red palm oil, red palm nut, or red palm nut pulp sauce?	○ Yes○ No○ Don't know○ Refused to answer
D51: How many times did \${D04} eat solid, semi- solid, or soft foods other than liquids yesterday during the day or at night? Enter -8 for Don't Know; -9 for Refused	\${D33}=1 or \${D34}=1 or \${D35}=1 or \${D36A}=1 or \${D36B}= 1 or \${D37A}=1 or \${D37B}=1 or \${D38A}=1
D52: Did \${D04} drink anything from a bottle with a nipple yesterday during the day or night?	○ Yes○ No○ Don't know○ Refused to answer
Begin Module D2. Children's Diarrhea and Oral Rehydration Therapy Respondent for this module: Primary Caregivers Repetitions: Once for each child under 5 years The term(s) used for diarrhea should encompass the expressions used for all forms of diarrhea, including bloody stools (consistent with dysentery), watery stools, etc.	
D54: Has \$\frac{\\$\{D04\}}{nad diarrhea}\$ had diarrhea in the last 2 weeks? Diarrhea is defined as 3 or more watery stools in a day.	○ Yes○ No○ Don't know○ Refused to answer
D55: Was there any blood in the stools?	○ Yes○ No○ Don't know○ Refused to answer

D56: Now I would like to know how much \${D04} was given to drink during the period that \${D04} had diarrhea (including breastmilk). Was \${D04} given less than usual to drink, about the same amount, or more than usual to drink? IF LESS, PROBE: Was he/she given much less than usual to drink or somewhat less?	 ○ Much less ○ Somewhat less ○ About the same ○ More ○ Nothing to drink ○ Don't know ○ Refused to answer 	
D57: When \${D04} had diarrhea, was he/she given less than usual to eat, about the same amount, more than usual, or nothing to eat? IF LESS, PROBE: Was he/she given much less than usual to eat or somewhat less?	 Much less Somewhat less About the same More Stopped food Never gave food Don't know Refused to answer 	
D58: Did you seek advice or treatment for the diarrhea from any source?	\${D54}=1 O Yes O No	
D59: Where did you seek advice or treatment? Anywhere else? Probe to identify each type of source. If unable to determine if public or private sector, write the name of the place in the last "Other" category.	\${D58}=1	

D59_public: Please specify:	selected (\${D59}, "7")
D59_private: Please specify:	selected (\${D59}, "12")
D59_other: Please specify:	selected (\${D59}, "16")
D59_name: Please specify name:	selected (\${D59}, "17")
D61: Where did you seek advice or treatment FIRST?	count-selected(\${D59}) > 1 ○ Secteur publique : CHU ○ Secteur publique : CH Régional de Reference ○ Secteur publique : CH de District ○ Secteur publique : Centre de Santé de Base I ○ Secteur publique : Centre de Santé de Base II ○ Secteur publique : Agent de Santé Communautaire ○ Secteur publique : Autres (Specify) ○ Hôpital ou Dispensaire Religieux ○ Secteur privé : Hôpital/clinique privé ○ Secteur privé : Pharmacie ○ Secteur privé : Médecin privé ○ Secteur privé : Autre (Specify) ○ Autre source : Shop ○ Autre source : Traditional Practitioner ○ Autre source : Market ○ Autre source : (Specify) ○ Autre: (Specify the name of the place) ○ Don't know ○ Refused to answer
D62: Was he/she given any of the following to drink at any time since he/she started having the diarrhea?	
D62_1: A fluid made from a special packet called an ORS sachet ?	○ Yes○ No○ Don't know○ Refused to answer

D62_2: A home-made sugar-salt water solution (SSS)?	○ Yes○ No○ Don't know○ Refused to answer
D62_3: Eau de coco	○ Yes○ No○ Don't know○ Refused to answer
D63: Was anything (else) given to treat the diarrhea?	\${D54}=1 O Yes O No O Don't know Refused to answer
D64: What (else) was given to treat the diarrhea? Anything else?	\${D63}=1 Pill or syrup - Antibiotic Pill or syrup - Antimotility Pill or syrup - Zinc Pill or syrup - Other (not antibiotic, antimotility, or zinc) Pill or syrup - Unknown pill or syrup Injection - Antibiotic Injection - Non-antibiotic Injection - Unknown injection Injection - (IV) Intravenous (drips) Home remedy/herbal medicine Other (Specify) Don't know Refused to answer
D64_other: Please specify:	\${D64}=11
All children must be under the age of 5 years old (59 months or younger) and part of the Household Roster If this is a mistake please select the back arrow and enter the correct age of \$\{\text{D04}\}\) in question D07	\${D03b}=1 and \${D07}>59
All children must part of the Household Roster, please add additional elligible houeshold rosters members by selecting "add group"	count-selected(\${D04}) = 0

D66: Why was \${D03} unable to complete this part of the survey		\${D03b}!=1
Consent from the primary caregiver of \${D04} is required for module D1 and D2		
Begin Module E. Women's Nutrition, Breastfeeding and Antenatal Care		
Respondent for this module: Only to female respondent Repetitions: Once for each woman aged 15-49		
Beginning of Women's Module.		
Please refer to the paper tool for the names of the women aged 15-49 who will answer the questions in this section		
	☐ \${hm1}	
	□ \${hm2}	
	□ \${hm3}	
	□ \${hm4}	
	□ \${hm5}	
	□ \${hm6}	
	□ \${hm7}	
	□ \${hm8}	
	□ \${hm9}	
	☐ \${hm10}	
	☐ \${hm11}	
E01_sel. Please select the names of the eligible	□ \${hm12}	
Female Respondents as indicated on the paper household roster	□ \${hm13}	
Total number of eligible women between the age of	□ \${hm14}	
15 and 49 years of age from the roster is	□ \${hm15}	
"\${wom_age}"	□ \${hm16}	
	□ \${hm17}	
	☐ \${hm18}	
	□ \${hm19}	
	☐ \${hm20}	
	☐ \${hm21}	
	☐ \${hm22}	
	□ \${hm23} □ \${hm24}	
	☐ \${\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
	ر کرارااالحی)	
		hm_category <= \${hm_count}

E02. Does \${E01} give consent to participate in the women's section of the household survey?	Yes, I agree to participate in the survey No, I do not agree to participate in the
Respondents must be between the age of 15-49	survey
years of age	O Household Member was not available
E03. In what month and year were you born?	\${E02}=1 Month: Year:
E04. Please tell me how old you are. What was your age at your last birthday? Enter -8 for Don't Know; -9 for Refused	\${E02}=1
Now I would like to ask you about liquids or foods that you ate yesterday during the day or at night. I am interested in whether you had the item even if it was combined with other foods. For example, if you ate a rice porridge made with a mixed vegetable sauce, you should reply yes to any food I ask about that was an ingredient in the porridge or sauce. Please do not include any food used in a small amount for seasoning or condiments (like chilies, spices, herbs, or fish powder), I will ask you about those foods separately. Yesterday during the day or night did you drink/eat any [ASK QUESTIONS E07 to E27]?	
E07: Bread, biscuits (savory), pasta, noodles, rice, crackers, porridge or other foods made from grains such as corn, wheat, millet, sorghum?	○ Yes○ No○ Don't know○ Refused to answer
E08: Carotte, courge orange ou jaune, patate douce de chair orange, ou tout aliment à chair jaune foncé ou orangée?	○ Yes○ No○ Don't know○ Refused to answer
E09: White potatoes, white yams, cassava, or any other foods made from roots or tubers?	○ Yes○ No○ Don't know○ Refused to answer
E10: Any dark green leafy vegetables comme feuille de manioc, feuille de haricot, épinard, feuille de patate ?	○ Yes○ No○ Don't know○ Refused to answer

E11: Any other vegetables, like fresh green beans, tomato, etc.?	○ Yes○ No○ Don't know○ Refused to answer
E12: Kaki, mangues et papayes mures, abricots, melons orange ou tout fruit à chair jaune foncé ou orangée?	○ Yes○ No○ Don't know○ Refused to answer
E13: Any other fruits like bananas, apples, avocados, etc.?	○ Yes○ No○ Don't know○ Refused to answer
E14: Any liver, kidney, heart, or other organ meats from domesticated animals such as beef, pork, lamb, goat, chicken, or duck?	○ Yes○ No○ Don't know○ Refused to answer
E15: Any meat from domesticated animals, such as beef, pork, lamb, rabbit, goat, chicken, or duck?	○ Yes○ No○ Don't know○ Refused to answer
E16: Any organs from wild animals, such as herissons, chats sauvages, chauve-souris?	○ Yes○ No○ Don't know○ Refused to answer
E17: Any flesh from wild animals, such as herissons, chats sauvages, chauve-souris?	○ Yes○ No○ Don't know○ Refused to answer
E18: Eggs? (chicken, turkey, fowl, duck)	○ Yes○ No○ Don't know○ Refused to answer
E19: Fresh or dried fish, shellfish, crabs or seafood?	○ Yes○ No○ Don't know○ Refused to answer
E20: Any foods made from beans, peas, lentils, groundnuts or other legumes?	○ Yes○ No○ Don't know○ Refused to answer
E21: Any foods made from nuts and seeds such as mahabibo, (sakoa dans le Sud)?	○ Yes ○ No

	O Don't know
	Refused to answer
E22: Milk, cheese, yogurt, or other milk products?	○ Yes○ No○ Don't know○ Refused to answer
E23: Any oils, fats, butter, or foods made with any of these?	○ Yes○ No○ Don't know○ Refused to answer
E24: Any sugary foods such as chocolates, sweets, candies, pastries, sweet biscuits or cakes?	○ Yes○ No○ Don't know○ Refused to answer
E25: Condiments for flavor, such as chilies, spices, persil, oregon, laurier?	○ Yes○ No○ Don't know○ Refused to answer
E26: Vers, escargots, insectes (locusts, chenille)?	○ Yes○ No○ Don't know○ Refused to answer
E27: Foods made with red palm oil, red palm nut, or red palm nut pulp sauce?	○ Yes○ No○ Don't know○ Refused to answer
Now I would like to ask you about pregnancies and births you may have had.	
E28: Are you currently pregnant?	○ Yes○ No○ Don't know○ Refused to answer
E29: Have you ever been pregnant?	\${E28}=2 or \${E28}=3 or \${E28}=4 O Yes O No O Don't know Refused to answer
E30: Have you ever given birth?	\${E29}=1

-	
	○Yes
	○ No
E31: When was the last time you gave birth to a boy or girl who was born alive?	\${E30}=1
If the respondent does not know the birthdate ask:	Day:
do you have a health/vaccination card for that child	
with birthdate recorded? If the health/vaccination card is shown, record the date of birth as	Month:
documented on the card.	Year:
E31a: Check answer to Question 31: Did the	\${E30}=1
respondent's last live birth occur within the past 5	○Yes
years? That is, since June 2014?	○ No
	○ \${hm1}
	○ \${hm2}
	○ \${hm3}
	○ \${hm4}
	○ \${hm5}
	() \${hm6}
	\$\{\mathrm{\}} \$\{\mathrm{\}}
	\$\{\mathref{hm9}\}
	\${hm10}
	\${hm11}
	○ \${hm12}
E32_sel: What is the name of your child who was	○ \${hm13}
born last?	○ \${hm14}
All children must be part of the Household Roster If	○ \${hm15}
the child is deceased, this question can be skipped.	() \${hm16}
	○ \${hm17}
	\$\{\mu18\} \$\{\mu19\}
	○ \${\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	\$\{\mu\text{5}\{\mu\text{11120}\}\\$\{\mu\text{5}\{\mu\text{21}\}\}
	\${hm22}
	○ \${hm23}
	○ \${hm24}
	○ \${hm25}
	hm_category <= \${hm_count}

E33: Is \${E32} a male or female?	○ Male○ Female
E34: Did you ever breastfeed <u>\${E32}</u> ?	○ Yes ○ No
E35: How long after birth did you first put \${E32} to the breast? E35a: RECORD number of "HOURS" before	\${E34}=1 O Immediately O Hours afterwards O Days afterwards O Don't know Refused to answer
E35b: RECORD number of "DAYS" before breastfeeding	\${E35}=3
E36: In the first three days after delivery, was \${E32} given anything to drink other than breast milk?	○ Yes ○ No
E37: What was \${E32} given to drink? Anything else? Probe to identify each type of drink and select all mentioned.	\${E36}=1
E37_other: Please specify:	selected (\${E37}, "11")
E38: Did you see anyone for antenatal care during the pregnancy?	○ Yes ○ No
E39: Whom did you see? Anyone else? Probe to identify each type of caregiver and select all mentioned. Respondents may think a	\${E38}=1

nurse is always a woman and a doctor a man. Probe	
to identify each appropriately.	□ Doctor
	☐ Nurse/midwife
	☐ Traditional birth attendant
	☐ Village health worker
	☐ Other (Specify)
	☐ Don't Know
	☐ Refused
	selected (\${E39}, "5")
E39_other: Please specify:	, ,
	\${E38}=1
	□ CHU
	☐ CH Régional de Reference
	☐ CH de District
	☐ Centre de Santé de Base I
E40: Where did you receive antenatal care for this pregnancy?	☐ Centre de Santé de Base II
Anywhere else? Probe to identify each type of facility	☐ Private hospital
and select all mentioned.	☐ Private clinic
	☐ Home of traditional birth attendant
	☐ Your home
	☐ Other (Specify)
	Don't Know
	☐ Refused
E40a: Please specify:	selected (\${E40}, "10")
, ,	
E41: How many months pregnant were you when	
you first received antenatal care during this	\${E38}=1
pregnancy?	
E42: How many times did you receive antenatal care	\${E38}=1
during this pregnancy?	
E47: Are you or your partner currently doing	\${E28}=2
something or using any method to delay or avoid	○ Voc
getting pregnant?	○ Yes ○ No
E48: Which method are you using?	\${E47}=1
Select all methods mentioned.	

	☐ Female sterilization
	☐ Male sterilization
	□IUD
	☐ Injectables
	☐ Implants
	□ Pill
	□ Condom
	☐ Female condom
	☐ Emergency contraception
	☐ Standard days method
	☐ Lactational amen method
	☐ Rhythm method
	☐ Withdrawal
	☐ Other modern method
	☐ Other traditional method
	☐ Don't know
	☐ Refused
	selected (\${E02}, "2") or selected (\${E02}, "3")
E46: Why was \${E01} unable to complete this part of	or \${E03} = -10
the survey?	
Begin Module J. Gender - Cash	
Respondent for this module: Men and Women who	
Earned Cash Repetitions: Once for each adult who earned cash	
curricu custi	□ ¢(h.m.4)
	☐ \${hm1}
	□ \${hm2}
	□ \${hm3}
	□ \${hm4}
J01_sel. Please select the names the household	□ \${hm5}
members who earned cash as indicated on the paper	□ \${hm6}
household roster	□ \${hm7}
All men and women who earned cash Total number of eligible cash earners is "\$\{cash_count\}\]"	□ \${hm8}
	□ \${hm9}
	□ \${hm10}
	☐ \${hm11}
	□ 4(I 40)
	□ \${hm12}
	□ \${hm12}□ \${hm13}□ \${hm14}

	□ \${hm15}
	□ \${hm16}
	□ \${hm17}
	□ \${hm18}
	□ \${hm19}
	□ \${hm20}
	□ \${hm21}
	□ \${hm22}
	□ \${hm23}
	□ \${hm24}
	□ \${hm25}
	hm_category <= \${hm_count}
	Yes, I agree to participate in the survey
J01a. Does \${J01} consent to continue?	O No, I do not agree to participate in the
	survey
	O Household Member was not available
J02: \$\frac{\$\{J01\}}{D0 you work in exchange for cash or in-kind?	
This question applies to all who responded to	○ Yes
question B12 positively stating that they earned	○ No
cash (option 1) or earned a combination of cash and in-kind (option 2).	
III-KIII (Option 2).	4(100)
	\${J02}=1
	Married or living together
J03: Marital status of the respondent	O Divorced/separated
Check household roster question B15.	○ Widowed
'	Never married and never lived together
	O Don't Know
	Refused
J06: \$\(\frac{5\{J01\}}{100}\): Have you done any work in the past 12 months?	
Read definition of work from Module B, which is re-	
stated here: Work includes jobs in the formal and/or	
informal sector, full time, part time, or seasonal work	○Yes
that is done within and/or outside the home. It	○ No
includes, but is not limited to agricultural daily wage labor, off-farm daily wage labor, income generation	
activities, sale of goods produced or processed	
outside the home or at the home, homestead garden	
or farm (e.g., vegetables, eggs, fish, livestock,	

artisanal goods), or petty trading. For this indicator, work does not include participating in cash for work, food for work, or conditional transfers and/or productive safety net programs. It does not include either caring for own children, cooking, cleaning or doing other routine chores for own household (e.g., fetching water, collecting firewood) or being involved in agricultural production solely for household consumption.	
	\${J06}=1
J07: During the past 12 months, were you usually paid in cash or kind for this work or were you not paid at all?	 ○ Cash only ○ Cash and in-kind ○ In-kind only ○ Not paid ○ Don't Know ○ Refused
J08: When you were paid in cash for this work, was the payment usually made directly to you, to your spouse/partner or to someone else in your household? If response is someone else in household or another person, then specify the relationship to the respondent.	selected (\${J07},"2")or selected (\${J07},"1") A: Respondent B: Spouse/partner C: Someone else in HH (specify) D: Other (Specify)
J08_someone: Please specify:	selected(\${J08}, "3")
J08_other: Please specify:	selected(\${J08}, "4")
J09A: Do you usually discuss with someone about how the cash you earn will be used?	○ Yes○ No
Jo9B: With whom do you usually talk about how the cash you earn will be used? Select all that apply. For responses B and C, specify the relationship to the respondent.	\$\{J09A\}=1 \[\sum A: Spouse/partner \[\sum B: Someone else in HH (specify relationship) \[\sum C: Other (Specify)
J09B_someone: Please specify:	selected(\${J09B}, "2")
J09B_other: Please specify:	selected(\${J09B}, "3")

J10: Who usually decides how the cash you earn will be used? Read all responses and select only one. For responses 4 and 5, specify the relationship to the respondent.	 ○ 1. Respondent ○ 2. Spouse/partner ○ 3. Yourself (respondent) and spouse/partner jointly ○ 4. Yourself (respondent) and other jointly (specify) ○ 5. Other (specify)
J10_someone: Please specify:	selected(\${J10}, "4")
J10_other: Please specify:	selected(\${J10}, "5")
J11: Who usually makes decisions about making major household purchases? Read all responses and select only one. For responses 4 and 5, specify the relationship to the respondent.	 ○ 1. Respondent ○ 2. Spouse/partner ○ 3. Yourself (respondent) and spouse/partner jointly ○ 4. Yourself (respondent) and other jointly (specify) ○ 5. Other (specify)
J11_someone: Please specify:	selected(\${J11}, "4")
J11_other: Please specify:	selected(\${J11}, "5")
J13: Why was \$\frac{\$\{J01\}}{100}\$ unable to complete this part of the survey?	selected (\${J01a}, "2") or selected (\${J01a}, "3") and \${J02}=2 or selected (\${J03}, "3") or select
Module K. Gender - MCHN Respondent for this module: Men and Women with Child Under 2 Years Repetitions: Once for each adult with child under 2 years	
KO1_sel: Please select the names the household members who have a child under 2 years All Men and Women with Child Under 2 Years Total number of eligible biological parents with a child under the age of 2 years living in the household is "\${biopar_count}" Total number of children under the age of two years (23 months or younger) living in the household is "\${kid_count2}"	<pre> \$\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\</pre>

	□ \${hm8}
	□ \${hm9}
	□ \${hm10}
	□ \${hm11}
	□ \${hm12}
	□ \${hm13}
	□ \${hm14}
	□ \${hm15}
	□ \${hm16}
	□ \${hm17}
	□ \${hm18}
	□ \${hm19}
	□ \${hm20}
	□ \${hm21}
	□ \${hm22}
	□ \${hm23}
	□ \${hm24}
	□ \${hm25}
	hm_category <= \${hm_count}
	Yes, I agree to participate in the survey
K01a: Does \${K01} consent to continue?	O No, I do not agree to participate in the
ROTAL BOCS <u>YIROTI</u> CONSCILL to Continue.	survey
	O Household Member was not available
KO1b: \${KO1}: Do you have any children under 2 years age?	\${K01a}=1
This question applies to all men and women who	○Yes
responded to question B13 positively stating that	○ No
they had a child under 2 years (option 1).	O No
	\${K01b}=1
	○ \${hm1}
	\$\{\mu\}\\ \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
K01c_sel: \${K01}: What is the name of your child	\${hm3}
under 2 years of age?	○ \${hm4}
All children must be part of the Household roster	○ \${hm5}
	○ \${hm6}
	○ \${hm7}
	○ \${hm8}
	○ \${hm9}

	<pre> \$\{hm10\} \$\{hm11\} \$\{hm12\} \$\{hm13\} \$\{hm14\} \$\{hm15\} \$\{hm16\} \$\{hm17\} \$\{hm18\} \$\{hm19\} \$\{hm20\} \$\{hm21\} \$\{hm22\} \$\{hm23\} \$\{hm25\} \$\{hm25\} </pre>
	hm_category <= \${hm_count}
KO2: Sex of the respondent	○ Male○ Female
K03: Marital status of the respondent	 Married or living together Divorced/separated Widowed Never married and never lived together Don't Know Refused
K07: How many times should a pregnant woman go for antenatal check-ups during the pregnancy? Enter -8 for Don't Know; -9 for Refused	
K08: In your opinion, do you think pregnant women, overall, need to eat more, less or the same amount of food as they did before they got pregnant?	○ More○ Less○ Same○ Don't know○ Refused to answer
K09: How long after birth should a mother first put her baby to the breast?	 ☐ Immediately ☐ Less than 1 hour after delivery ☐ Some hours later but less than 24 hours ☐ 1 day later ☐ More than 1 day later ☐ Baby should not be breastfed ☐ Don't know ☐ Refused to answer

K10: At what age should a breast-fed child be introduced to semi-solid or solid foods?	
Age in months. Enter "-8" if the respondent doesn't know; -9 for Refused	
K12_f: IF FEMALE RESPONDENT ASK: \${K01}: Is there	selected(\${K02},"2")
someone with whom you usually discuss your or your child's health and nutrition?	○ Yes ○ No
K13_f: IF FEMALE RESPONDENT ASK: \$\{K01\}: With whom do you usually discuss this?	selected(\${K02},"2") and selected (\${K12_f},"1")
Select all that apply. For responses B and C, specify the relationship to the respondent.	○ A: Spouse/partner○ B: Someone else in HH (specify relationship)○ C: Other (Specify)
K13_f_someone: Please specify	selected(\${K13_f}, "2")
K13_f_other: Please specify	selected(\${K13_f}, "3")
K12_m: IF MALE RESPONDENT ASK: \${K01}: Is there someone with whom you usually discuss your spouse/partner's or your child's health and nutrition?	selected(\${K02},"1") ○ Yes ○ No
K13_m: IF MALE RESPONDENT ASK: \${K01}: With whom do you usually discuss this?	selected(\${K02},"1") and selected (\${K12_m},"1")
Select all that apply. For responses B and C, specify the relationship to the respondent.	○ A: Spouse/partner○ B: Someone else in HH (specify relationship)○ C: Other (Specify)
K13_m_someone: Please specify	selected(\${K13_m}, "2")
K13_m_other: Please specify	selected(\${K13_m}, "3")
	selected(\${K02},"2")
K14_f: IF FEMALE RESPONDENT ASK: Who usually makes decisions about your health and nutrition? Read all responses and select only one. For responses 4 and 5, specify the relationship to the respondent.	 1. Respondent 2. Spouse/partner 3. Yourself (respondent) and spouse/partner
. and 5, specify the relationship to the respondent.	jointly

	4. Yourself (respondent) and other jointly
	(specify)
	○ 5. Other (specify)
	selected(\${K14_f}, "4")
K14_f_someone: Please specify	
	selected(\${K14_f}, "5")
K14_f_other: Please specify	
	selected(\${K02},"1")
K14_m: IF MALE RESPONDENT ASK: Who usually	1. Respondent
makes decisions about your spouse/partner's health	2. Spouse/partner
and nutrition	3. Yourself (respondent) and spouse/partner
Read all responses and select only one. For responses	jointly
4 and 5, specify the relationship to the respondent.	4. Yourself (respondent) and other jointly
	(specify)
	○ 5. Other (specify)
	selected(\${K14_m}, "4")
K14_m_someone: Please specify	
	selected(\${K14_m}, "5")
K14_m_other: Please specify	
	1. Respondent
K15: Who usually makes decisions about your child's	2. Spouse/partner
health and nutrition?	3. Yourself (respondent) and spouse/partner
Read all responses and select only one. For responses	jointly
4 and 5, specify the relationship to the respondent.	4. Yourself (respondent) and other jointly
	(specify)
	○ 5. Other (specify)
	selected(\${K15}, "4")
K15_someone: Please specify	
KAE atham Diagrams if	selected(\${K15}, "5")
K15_other: Please specify	
	1 Pospondont
K16: Who usually makes decisions about making	1. Respondent
major household purchases?	2. Spouse/partner
Read all responses and select only one. For responses	3. Yourself (respondent) and spouse/partner
4 and 5, specify the relationship to the respondent.	jointly
	4. Yourself (respondent) and other jointly

	(specify) O 5. Other (specify)
K16_someone: Please specify	selected(\${K16}, "4")
K16_other: Please specify	selected(\${K16}, "5")
K18: Why was \${K01} unable to complete this part of the survey?	\${K01a}!=1
MODULE H1. FOOD CONSUMPTION OVER PAST 7 DAYS Instructions: Ask these questions about all household members. For module H1, ask whoever is most knowledgeable about the food the household members have eaten in the past week. For modules H2 through H7, ask the person who is most knowledgeable about other household expenditures, including non-food items that household members have bought. Read to respondent: "Now I would like to ask you about the kinds of foods that you and other members of your household have eaten over the past week. I'd also like to ask you about items that you or members of your household may have bought in the past week. Please include foods in meals that are shared with other members of the household, as well as foods that individual members of the household may have consumed independently of other family members. First, we will ask about foods that were eaten at your home, or at the home of friends or other family. Later we will ask about foods that were purchased already prepared from a restaurant or a vendor."	
H01_sel: Please select the name of the person in charge of food preparation in last 7 days (same person as Module C)	<pre> \$\{\text{hm1}\} \$\{\text{hm2}\} \$\{\text{hm3}\} \$\{\text{hm4}\} \$\{\text{hm5}\} \$\{\text{hm6}\} \$\{\text{hm7}\} \$\{\text{hm8}\} \$\{\text{hm9}\} \$\{\text{hm10}\} \$\{\text{hm11}\} </pre>

	○ \${hm12}
	○ \${hm13}
	○ \${hm14}
	○ \${hm15}
	○ \${hm16}
	○ \${hm17}
	○ \${hm18}
	\${hm19}
	○ \${hm22}
	○ \${hm23}
	○ \${hm24}
	○ \${hm25}
	hm_category <= \${hm_count}
	○ Yes, I agree to participate in the survey
H02: Does \${H01} give consent to continue?	○ No, I do not agree to participate in the
HO2: Does <u>\${HO1}</u> give consent to continue?	survey
	Household Member was not available
	☐ Rice
	☐ Rice flour Maize grain
	☐ Maize (Mangahazo)
	☐ Maize grain
	☐ Green maize
	☐ Sorghum
	☐ Wheat flour
	☐ Bread
H1_1_1: Over the past 7 days, did you or others in your household consume any of the following items?	☐ Buns, scones
	☐ Biscuits
	☐ Spaghetti, macaroni, pasta
	☐ Breakfast cereal
	☐ Infant feeding cereals
	☐ Other cereals 1 (specify)
	☐ Other cereals 2 (specify)
	☐ Other cereals 3 (specify)
	☐ Did not have any of this category
	☐ Don't know
	☐ Refused
H1_1_1_other1: Please specify	selected(\${H1_1_1}, "14")

H1_1_1_other2: Please specify	selected(\${H1_1_1}, "15")
H1_1_1_other3: Please specify	selected(\${H1_1_1}, "16")
H1_1_2: How much \${H1_1 food asset1} in total did your household consume in the past 7 days? Enter -8 for Don't Know; -9 for Refused	
H1_1_2a: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme(s) ◯ Tin ◯ Litre ◯ Cup ◯ Millilitre ◯ Piece / slice / portion ◯ Gram ◯ Sachet/tube ◯ No. 10 plate ○ No. 12 plate ○ Heap ○ 50 Kg. bag ○ 90 Kg. bag ○ Boite MADCO ○ Bunch ○ Pail (small) ○ Pail (large) ○ Teaspoon ○ Tablespoon ○ Basket (Dengu) (Shelled) ○ Basket (Dengu) (Unshelled) ○ Bale ○ Ox-cart (Unshelled) ○ Basin ○ Other (specify) ○ Don't know ○ Refused
H1_1_2a_other: Please specify	selected(\${H1_1_2a}, "25")

H1_1_3: How much of the \${H1_1 food_asset1} consumed by your household in the past 7 days came from purchases?	
Enter -8 for Don't Know; -9 for Refused	
H1_1_4: How much did you spend on the \${H1 1 food asset1} consumed by your household in the past 7 days? Indicate in MALAGASY AR. If your family ate part but not all of something you purchased, estimate what you spent only on the part that was consumed. Enter -8 for Don't Know; -9 for Refused	
H1_1_5: How much of the \$\{\text{H1 1 food asset1}\}\) consumed by your household in the past 7 days came from your household's own production? Enter -8 for Don't Know; -9 for Refused	
H1_1_5c: Please tell me how much it would have cost to buy that much <u>\${H1 1 food asset1}</u> if you had to purchase it in the market today? Ariary Enter -8 for Don't Know; -9 for Refused	
H1_1_6: How much of the \${H1_1 food asset1} consumed by your household in the past 7 days came from gifts or other sources? Enter -8 for Don't Know; -9 for Refused	
H1_1_6c: Please tell me how much it would have cost to buy that much \${H1 1 food asset1} if you had to purchase it in the market today? Ariary Enter -8 for Don't Know; -9 for Refused	
H1_2_1: Over the past 7 days, did you or others in your household consume any of the following items?	□ Cassava tubers □ Cassava flour □ Sweet potato □ Yam □ Breadfruit □ Potato □ Plantain, cooking banana □ Taro (Saonjo) □ Other roots, tubers, or plantains 1 (specify) □ Other roots, tubers, or plantains 2 (specify) □ Other roots, tubers, or plantains 3 (specify) □ Did not have any of this category □ Don't Know □ Refused

H1_2_1_other1: Please specify	selected(\${H1_2_1}, "9")
H1_2_1_other2: Please specify	selected(\${H1_2_1}, "10")
H1_2_1_other3: Please specify	selected(\${H1_2_1}, "11")
H1_2_2: How much \${H1_2 food asset2} in total did your household consume in the past 7 days? Enter -8 for Don't Know; -9 for Refused	
H1_2_2a: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme(s) ◯ Tin ◯ Litre ◯ Cup ◯ Millilitre ◯ Piece / slice / portion ◯ Gram ◯ Sachet/tube ◯ No. 10 plate ○ No. 12 plate ○ Heap ◯ 50 Kg. bag ◯ 90 Kg. bag ◯ Boite MADCO ○ Bunch ○ Pail (small) ○ Pail (large) ○ Teaspoon ○ Tablespoon ○ Basket (Dengu) (Shelled) ○ Basket (Dengu) (Unshelled) ○ Bale ○ Ox-cart (Unshelled) ○ Basin ○ Other (specify) ○ Don't know ○ Refused
H1_2_2a_other: Please specify	selected(\${H1_2_2a}, "25")

H1_2_3: How much \${H1_2 food asset2} in total did your household consume in the past 7 days came from purchases?	
Enter -8 for Don't Know; -9 for Refused	
H1_2_4: How much did you spend on the \${H1_2 food asset2} consumed in the Past 7 days? In dollars Indicate in MALAGASY AR. If your family ate part but not all of something you purchased, estimate what you spent only on the part that was consumed. Enter-8 for Don't Know; -9 for Refused	
H1_2_5: How much \${H1 2 food asset2} came from your own production? Enter -8 for Don't Know; -9 for Refused	
H1_2_5c: How much it would have cost to buy that much \${H1 2 food asset2} if you had to purchase it in the market today? Ariary Enter -8 for Don't Know; -9 for Refused	
H1_2_6: How much \${H1 2 food asset2} came from gifts or other sources? Enter -8 for Don't Know; -9 for Refused	
H1_2_6c: How much it would have cost to buy that much \${H1 2 food asset2} if you had to purchase it in the market today? Ariary Enter -8 for Don't Know; -9 for Refused	
H1_3_1: Over the past 7 days, did you or others in your household consume any of the following items?	□ Bean, white □ Bean, brown □ Pigeon pea □ Groundnut □ Groundnut flour □ Soybean flour □ Voanemba □ Cowpea (Niebe) □ Kabaro □ Voanjobory □ Other nuts or pulses (Specify: Tsiasisa, Lojy, Antake, Antsoroky) □ Other nuts or pulses (Specify: Tsiasisa, Lojy, Antake, Antsoroky) □ Other nuts or pulses (Specify: Tsiasisa, Lojy, Antake, Antsoroky) □ Other nuts or pulses (Specify: Tsiasisa, Lojy, Antake, Antsoroky)

	☐ Did not have any of this category
	☐ Don't Know
	☐ Refused
H1_3_1_other1: Please specify	selected(\${H1_3_1}, "11")
H1_3_1_other2: Please specify	selected(\${H1_3_1}, "12")
H1_3_1_other3: Please specify	selected(\${H1_3_1}, "13")
H1_3_2: How much \${H1 3 food asset3} in total did your household consume in the past 7 days? Enter -8 for Don't Know; -9 for Refused	
H1_3_2a: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme(s) ◯ Tin ◯ Litre ◯ Cup ◯ Millilitre ◯ Piece / slice / portion ◯ Gram ◯ Sachet/tube ◯ No. 10 plate ◯ No. 12 plate ◯ Heap ◯ 50 Kg. bag ◯ 90 Kg. bag ◯ Boite MADCO ◯ Bunch ◯ Pail (small) ◯ Pail (large) ◯ Teaspoon ◯ Tablespoon ◯ Basket (Dengu) (Shelled) ◯ Basket (Dengu) (Unshelled) ◯ Bale ◯ Ox-cart (Unshelled) ◯ Basin ◯ Other (specify) ◯ Don't know ◯ Refused

H1_3_2a_other: Please specify	selected(\${H1_3_2a}, "25")
H1_3_3: How much \${H1_3 food asset3} in total did your household consume in the past 7 days came from purchases? Enter -8 for Don't Know; -9 for Refused	
H1_3_4: How much did you spend on the \${H1_3 food asset3} consumed in the Past 7 days? In dollars Indicate in MALAGASY AR. If your family ate part but not all of something you purchased, estimate what you spent only on the part that was consumed. Enter -8 for Don't Know; -9 for Refused	
H1_3_5: How much \${H1_3 food asset3} came from your own production? Enter -8 for Don't Know; -9 for Refused	
H1_3_5c: How much it would have cost to buy that much \${H1 3 food asset3} if you had to purchase it in the market today? Ariary Enter -8 for Don't Know; -9 for Refused	
H1_3_6: How much \${H1_3_food_asset3} came from gifts or other sources? Enter -8 for Don't Know; -9 for Refused	
H1_3_6c: How much it would have cost to buy that much \${H1 3 food asset3} if you had to purchase it in the market today? Ariary Enter -8 for Don't Know; -9 for Refused	
H1_4_1: Over the past 7 days, did you or others in your household consume any of the following items?	□ Onion, fresh or processed □ Cabbage, fresh or processed □ Carrot □ Zucchini □ Cauliflower □ Other cultivated green leafy vegetables, fresh or processed □ Gathered wild green leaves (Ananambo, Anamadinika,) □ Tomato, fresh or processed □ Cucumber, fresh or processed □ Pumpkin, fresh or processed □ Green beans

□ Eggplant □ Sakay fantsin'akoholahy □ Mushroom, fresh or processed □ Other vegetables, fresh or processed 1 (specify) □ Other vegetables, fresh or processed 2 (specify) □ Other vegetables, fresh or processed 3 (specify) □ Did not have any of this category □ Don't Know □ Refused selected(\${H1_4_1}, "16")		☐ Pepper (green, red or yellow)
☐ Mushroom, fresh or processed ☐ Other vegetables, fresh or processed 1 (specify) ☐ Other vegetables, fresh or processed 2 (specify) ☐ Other vegetables, fresh or processed 3 (specify) ☐ Did not have any of this category ☐ Don't Know ☐ Refused selected(\${H1_4_1}, "16") ### Selected(\${H1_4_1}, "16")		☐ Eggplant
☐ Other vegetables, fresh or processed 1 (specify) ☐ Other vegetables, fresh or processed 2 (specify) ☐ Other vegetables, fresh or processed 3 (specify) ☐ Did not have any of this category ☐ Don't Know ☐ Refused Selected(\${H1_4_1}, "16")		☐ Sakay fantsin'akoholahy
(specify) Other vegetables, fresh or processed 2 (specify) Other vegetables, fresh or processed 3 (specify) Did not have any of this category Don't Know Refused selected(\${H1_4_1}, "16")		☐ Mushroom, fresh or processed
☐ Other vegetables, fresh or processed 2 (specify) ☐ Other vegetables, fresh or processed 3 (specify) ☐ Did not have any of this category ☐ Don't Know ☐ Refused selected(\${H1_4_1}, "16") H1_4_1_other1: Please specify		☐ Other vegetables, fresh or processed 1
(specify) Other vegetables, fresh or processed 3 (specify) Did not have any of this category Don't Know Refused selected(\${H1_4_1}, "16")		(specify)
☐ Other vegetables, fresh or processed 3 (specify) ☐ Did not have any of this category ☐ Don't Know ☐ Refused selected(\${H1_4_1}, "16")		☐ Other vegetables, fresh or processed 2
(specify) ☐ Did not have any of this category ☐ Don't Know ☐ Refused selected(\${H1_4_1}, "16")		(specify)
☐ Did not have any of this category ☐ Don't Know ☐ Refused Selected(\${H1_4_1}, "16")		☐ Other vegetables, fresh or processed 3
☐ Don't Know ☐ Refused H1_4_1_other1: Please specify Selected(\${H1_4_1}, "16")		(specify)
Refused H1_4_1_other1: Please specify selected(\${H1_4_1}, "16")		☐ Did not have any of this category
selected(\${H1_4_1}, "16") H1_4_1_other1: Please specify		☐ Don't Know
H1_4_1_other1: Please specify		☐ Refused
H1_4_1_other1: Please specify		selected(\${H1 4 1}, "16")
1 . 1/4(1/4 4 4) 1(4711)	H1_4_1_other1: Please specify	/
selected(\${H1 4 1}, "1/")		selected(\${H1_4_1}, "17")
H1_4_1_other2: Please specify	H1_4_1_other2: Please specify	
selected(\${H1_4_1}, "18")		selected(\${H1_4_1}, "18")
H1_4_1_other3: Please specify	H1_4_1_other3: Please specify	
H1_4_2: How much \${H1 4 food asset4} in total did	H1 4 2: How much \${H1 4 food asset4} in total did	
your household consume in the past 7 days?		
Enter -8 for Don't Know; -9 for Refused		
○ Kilogramme(s)		○ Kilogramme(s)
○ Tin		
○ Litre		○ Litre
○ Cup		○ Cup
○ Millilitre		○ Millilitre
O Piece / slice / portion		O Piece / slice / portion
○ Gram		1 E
H1_4_2a: Indicate in what unit the respondent gave	H1 4 2a: Indicate in what unit the respondent gave	
their answer		
No. 12 plate		
○ Heap		•
○ 50 Kg. bag		
○ 90 Kg. bag ○ Boite MADCO		
○ Bunch		
Pail (small)		-
Pail (large)		

	○ Teaspoon○ Tablespoon
	○ Basket (Dengu) (Shelled)
	○ Basket (Dengu) (Unshelled)
	○ Bale
	Ox-cart (Unshelled)
	Basin
	Other (specify)
	O Don't know
	Refused
	selected(\${H1_4_2a}, "25")
H1_4_2a_other: Please specify	
H1_4_3: How much \${H1_4 food asset4} in total did your household consume in the past 7 days came from purchases?	
Enter -8 for Don't Know; -9 for Refused	
H1_4_4: How much did you spend on the \$\{\text{H1} \ 4 \ \text{food} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Indicate in MALAGASY AR. If your family ate part but not all of something you purchased, estimate what you spent only on the part that was consumed. Enter -8 for Don't Know; -9 for Refused	
H1_4_5: How much \${H1_4_food_asset4} came	
from your own production?	
Enter -8 for Don't Know; -9 for Refused	
H1_4_5c: How much it would have cost to buy that much \${H1 4 food asset4} if you had to purchase it in the market today? Ariary Enter -8 for Don't Know; -9 for Refused	
H1_4_6: How much \${H1_4_food_asset4} came from gifts or other sources?	
Enter -8 for Don't Know; -9 for Refused	
H1_4_6c: How much it would have cost to buy that much \$\{\text{H1 4 food asset4}\}\] if you had to purchase it in the market today? Ariary Enter -8 for Don't Know; -9 for Refused	
H1_5_1: Over the past 7 days, did you or others in	☐ Eggs
your household consume any of the following items?	☐ Dried fish
	☐ Fresh fish

	☐ Shellfish
	□ Beef
	□ Goat
	□ Pork
	☐ Mutton
	☐ Chicken
	☐ Other poultry - guinea fowl, doves, etc.
	☐ Small animal – rabbit, etc.
	☐ Wild animals
	☐ Termites, other insects, for example Ngumbi
	(caterpillar)
	☐ Tinned meat or fish
	☐ Smoked fish
	☐ Fish Soup/Sauce
	☐ Other meat 1 (specify)
	☐ Other meat 2 (specify)
	☐ Other meat 3 (specify)
	☐ Did not have any of this category
	□ Don't Know
	☐ Refused
H1_5_1_other1: Please specify	selected(\${H1_5_1}, "17")
112_5_1_ottler1. Fredse specify	
	selected(\${H1_5_1}, "18")
H1_5_1_other2: Please specify	
114 5 4 other? Disease weekfi	selected(\${H1_5_1}, "19")
H1_5_1_other3: Please specify	
III 5 2. Have grouph COIA 5 food coost5) in total did	
H1_5_2: How much \$\frac{\xi}{H1_5_food_asset5}\ in total did your household consume in the past 7 days?	
Enter -8 for Don't Know; -9 for Refused	
- Enter o for Both extraord, o for hefused	○ Kilogramme(s)
H1_5_2a: Indicate in what unit the respondent gave their answer	○ Tin
	O Litre
	Cup
	○ Millilitre
	O Piece / slice / portion
	Gram
	○ Sachet/tube
	No. 10 plate

	 No. 12 plate Heap 50 Kg. bag 90 Kg. bag Boite MADCO Bunch Pail (small) Pail (large) Teaspoon Tablespoon Basket (Dengu) (Shelled) Basket (Dengu) (Unshelled) Bale Ox-cart (Unshelled) Basin Other (specify) Don't know Refused
H1_5_2a_other: Please specify	selected(\${H1_5_2a}, "25")
H1_5_3: How much \${H1_5 food asset5} in total did your household consume in the past 7 days came from purchases? Enter -8 for Don't Know; -9 for Refused	
H1_5_4: How much did you spend on the \${H1 5 food asset5} consumed in the Past 7 days? In dollars Indicate in MALAGASY AR. If your family ate part but not all of something you purchased, estimate what you spent only on the part that was consumed. Enter -8 for Don't Know; -9 for Refused	
H1_5_5: How much \${H1 5 food asset5} came from your own production? Enter -8 for Don't Know; -9 for Refused	
H1_5_5c: How much it would have cost to buy that much \${H1_5 food asset5} if you had to purchase it in the market today? Ariary Enter -8 for Don't Know; -9 for Refused	
H1_5_6: How much \${H1 5 food asset5} came from gifts or other sources? Enter -8 for Don't Know; -9 for Refused	

H1_5_6c: How much it would have cost to buy that much \${H1 5 food asset5} if you had to purchase it in the market today?	
Ariary Enter -8 for Don't Know; -9 for Refused	
	□ Mango
	☐ Banana
	☐ Citrus – orange, etc.
	☐ Pineapple
	□ Рарауа
	☐ Guava, Chinese guava
	☐ Avocado
	☐ Wild fruit (Cactus, Baobab, soursop)
H1_6_1: Over the past 7 days, did you or others in	☐ Lychee
your household consume any of the following items?	☐ Baobab
	☐ Coconut
	☐ Apple
	☐ Other fruits 1 (specify)
	☐ Other fruits 2 (specify)
	☐ Other fruits 3 (specify)
	☐ Did not have any of this category
	☐ Don't Know
	☐ Refused
	selected(\${H1_6_1}, "13")
H1_6_1_other1: Please specify	
H1_6_1_other2: Please specify	selected(\${H1_6_1}, "14")
TII_0_I_Other2. Frease specify	
	selected(\${H1_6_1}, "15")
H1_6_1_other3: Please specify	Science (\$(11_5_1), 15 /
H1_6_2: How much \${H1_6_food_asset6} in total did	
your household consume in the past 7 days?	
Enter -8 for Don't Know; -9 for Refused	
H1_6_2a: Indicate in what unit the respondent gave their answer	○ Kilogramme(s)
	○ Tin
	○ Litre
	○ Cup ○ Millilitre
	O Piece / slice / portion
	○ Gram

	○ Sachet/tube
	No. 10 plate
	No. 12 plate
	Heap
	○ 50 Kg. bag
	90 Kg. bag
	O Boite MADCO
	Bunch
	O Pail (small)
	O Pail (large)
	Teaspoon
	○ Tablespoon
	Basket (Dengu) (Shelled)
	O Basket (Dengu) (Unshelled)
	Bale
	Ox-cart (Unshelled)
	Basin
	Other (specify)
	O Don't know
	Refused
	selected(\${H1_6_2a}, "25")
H1_6_2a_other: Please specify	
H1_6_3: How much \${H1_6 food asset6} in total did	
your household consume in the past 7 days came	
from purchases?	
Enter -8 for Don't Know; -9 for Refused	
H1_6_4: How much did you spend on the	
\$\frac{\frac{16}{6}}{6}\$ consumed in the Past 7 days?	
In dollars	
Indicate in MALAGASY AR. If your family ate part but	
not all of something you purchased, estimate what	
you spent only on the part that was consumed. Enter	
-8 for Don't Know; -9 for Refused	
H1_6_5: How much \${H1_6_food_asset6} came	
from your own production?	
Enter -8 for Don't Know; -9 for Refused	
H1_6_5c: How much it would have cost to buy that	
much \${H1_6_food_asset6} if you had to purchase it	
in the market today?	
Ariary Enter -8 for Don't Know; -9 for Refused	

H1_6_6: How much \${H1 6 food asset6} came from gifts or other sources?	
Enter -8 for Don't Know; -9 for Refused	
H1_6_6c: How much it would have cost to buy that much \${H1_6 food asset6} if you had to purchase it in the market today? Ariary Enter -8 for Don't Know; -9 for Refused	
H1_7_1: Over the past 7 days, did you or others in your household consume any of the following items?	☐ Fresh milk ☐ Powdered milk ☐ Margarine - Blue band ☐ Butter ☐ Soured milk (Abobo) ☐ Yoghurt ☐ Cheese ☐ Infant feeding formula (for bottle) ☐ Other milk 1 (specify) ☐ Other milk 2 (specify) ☐ Other milk 3 (specify) ☐ Did not have any of this category ☐ Don't Know ☐ Refused
H1_7_1_other1: Please specify	selected(\${H1_7_1}, "9")
H1_7_1_other2: Please specify	selected(\${H1_7_1}, "10")
H1_7_1_other3: Please specify	selected(\${H1_7_1}, "11")
H1_7_2: How much \${H1_7_food_asset7} in total did your household consume in the past 7 days? Enter -8 for Don't Know; -9 for Refused	
H1_7_2a: Indicate in what unit the respondent gave their answer	 ○ Kilogramme(s) ○ Tin ○ Litre ○ Cup ○ Millilitre ○ Piece / slice / portion ○ Gram ○ Sachet/tube

	 No. 10 plate No. 12 plate Heap 50 Kg. bag 90 Kg. bag Boite MADCO Bunch Pail (small) Pail (large) Teaspoon Tablespoon Basket (Dengu) (Shelled) Basket (Dengu) (Unshelled) Bale Ox-cart (Unshelled) Basin Other (specify) Don't know Refused
H1_7_2a_other: Please specify	selected(\${H1_7_2a}, "25")
H1_7_3: How much \${H1 7 food asset7} in total did your household consume in the past 7 days came from purchases? Enter -8 for Don't Know; -9 for Refused	
H1_7_4: How much did you spend on the \${H1_7_6ood_asset7} consumed in the Past 7 days? In dollars Indicate in MALAGASY AR. If your family ate part but not all of something you purchased, estimate what you spent only on the part that was consumed. Enter -8 for Don't Know; -9 for Refused	
H1_7_5: How much \${H1 7 food asset7} came from your own production? Enter -8 for Don't Know; -9 for Refused	
H1_7_5c: How much it would have cost to buy that much \${H1 7 food asset7} if you had to purchase it in the market today? Ariary Enter -8 for Don't Know; -9 for Refused	
H1_7_6: How much \${H1_7 food asset7} came from gifts or other sources?	

Enter -8 for Don't Know; -9 for Refused	
H1_7_6c: How much it would have cost to buy that much \${H1_7_food_asset7} if you had to purchase it in the market today?	
Ariary Enter -8 for Don't Know; -9 for Refused	
	☐ Sugar ☐ Sugar Cane ☐ Cooking oil
H1_8_1: Over the past 7 days, did you or others in your household consume any of the following items?	 □ Coco butter □ Other sugars, fats, or oils (specify) □ Other sugars, fats, or oils (specify) □ Other sugars, fats, or oils (specify) □ Did not have any of this category □ Don't Know □ Refused
H1_8_1_other1: Please specify	selected(\${H1_8_1}, "5")
H1_8_1_other2: Please specify	selected(\${H1_8_1}, "6")
H1_8_1_other3: Please specify	selected(\${H1_8_1}, "7")
H1_8_2: How much \${H1_8 food asset8} in total did your household consume in the past 7 days? Enter -8 for Don't Know; -9 for Refused	
H1_8_2a: Indicate in what unit the respondent gave their answer	 ◯ Kilogramme(s) ◯ Tin ◯ Litre ◯ Cup ◯ Millilitre ◯ Piece / slice / portion ◯ Gram ◯ Sachet/tube ◯ No. 10 plate ◯ No. 12 plate ◯ Heap ◯ 50 Kg. bag ◯ 90 Kg. bag ◯ Boite MADCO

	 ○ Bunch ○ Pail (small) ○ Pail (large) ○ Teaspoon ○ Tablespoon ○ Basket (Dengu) (Shelled) ○ Basket (Dengu) (Unshelled) ○ Bale ○ Ox-cart (Unshelled) ○ Basin ○ Other (specify) ○ Don't know
	Refused
H1_8_2a_other: Please specify	selected(\${H1_8_2a}, "25")
H1_8_3: How much \${H1_8 food asset8} in total did your household consume in the past 7 days came from purchases? Enter -8 for Don't Know; -9 for Refused	
H1_8_4: How much did you spend on the \${H1 8 food asset8} consumed in the Past 7 days? In dollars Indicate in MALAGASY AR. If your family ate part but not all of something you purchased, estimate what you spent only on the part that was consumed. Enter -8 for Don't Know; -9 for Refused	
H1_8_5: How much \${H1_8 food asset8} came from your own production? Enter -8 for Don't Know; -9 for Refused	
H1_8_5c: How much it would have cost to buy that much \${H1_8_food_asset8} if you had to purchase it in the market today? Ariary Enter -8 for Don't Know; -9 for Refused	
H1_8_6: How much \${H1_8_food_asset8} came from gifts or other sources? Enter -8 for Don't Know; -9 for Refused	
H1_8_6c: How much it would have cost to buy that much \${H1 8 food asset8} if you had to purchase it in the market today? Ariary Enter -8 for Don't Know; -9 for Refused	

H1_9_1: Over the past 7 days, did you or others in your household consume any of the following items?	☐ Tea ☐ Coffee ☐ Cocoa, Milo ☐ Foster clark ☐ Fruit juice ☐ Soft drinks (Coca-cola, Fanta, Sprite, etc.) ☐ Toaka gasy, galeoka, betsabetsa (commercial traditional-style beer) ☐ Bottled water ☐ Bottled / canned beer (Carlsberg, etc.)
	 ☐ Mangidy ☐ Wine or commercial liquor ☐ Other beverages 1 (specify) ☐ Other beverages 2 (specify) ☐ Other beverages 3 (specify) ☐ Did not have any of this category ☐ Don't Know ☐ Refused
H1_9_1_other1: Please specify	selected(\${H1_9_1}, "12")
H1_9_1_other2: Please specify	selected(\${H1_9_1}, "13")
H1_9_1_other3: Please specify	selected(\${H1_9_1}, "14")
H1_9_2: How much \${H1_9 food asset9} in total did your household consume in the past 7 days? Enter -8 for Don't Know; -9 for Refused	
H1_9_2a: Indicate in what unit the respondent gave their answer	 ○ Kilogramme(s) ○ Tin ○ Litre ○ Cup ○ Millilitre ○ Piece / slice / portion ○ Gram ○ Sachet/tube ○ No. 10 plate ○ No. 12 plate ○ Heap

	 ○ 50 Kg. bag ○ 90 Kg. bag ○ Boite MADCO ○ Bunch ○ Pail (small) ○ Pail (large) ○ Teaspoon ○ Tablespoon ○ Basket (Dengu) (Shelled)
	 ○ Basket (Dengu) (Unshelled) ○ Bale ○ Ox-cart (Unshelled) ○ Basin ○ Other (specify) ○ Don't know ○ Refused
H1_9_2a_other: Please specify	selected(\${H1_9_2a}, "25")
H1_9_3: How much \${H1_9 food asset9} in total did your household consume in the past 7 days came from purchases? Enter -8 for Don't Know; -9 for Refused	
H1_9_4: How much did you spend on the \${H1 9 food asset9} consumed in the Past 7 days? In dollars Indicate in MALAGASY AR. If your family ate part but not all of something you purchased, estimate what you spent only on the part that was consumed. Enter -8 for Don't Know; -9 for Refused	
H1_9_5: How much \${H1 9 food asset9} came from your own production? Enter -8 for Don't Know; -9 for Refused	
H1_9_5c: How much it would have cost to buy that much \${H1_9 food asset9} if you had to purchase it in the market today? Ariary Enter -8 for Don't Know; -9 for Refused	
H1_9_6: How much \${H1_9 food asset9} came from gifts or other sources? Enter -8 for Don't Know; -9 for Refused	

H1_9_6c: How much it would have cost to buy that much \${H1_9_food_asset9} if you had to purchase it in the market today?	
Ariary Enter -8 for Don't Know; -9 for Refused	
H1_10_1: Over the past 7 days, did you or others in your household consume any of the following items?	□ Salt □ Spices (Curry, black pepper, clove, cinnamon) □ Yeast, baking powder, bicarbonate of soda □ Tomato sauce (bottle) □ Hot sauce (Sakay, etc.) □ Jam, jelly □ Sweets, candy, chocolates □ Honey □ Other spices, condiments, etc. (specify) □ Other spices, condiments, etc. (specify) □ Other spices, condiments, etc. (specify) □ Did not have any of this category □ Don't Know □ Refused
H1_10_1_other1: Please specify	selected(\${H1_10_1}, "9")
H1_10_1_other2: Please specify	selected(\${H1_10_1}, "10")
H1_10_1_other3: Please specify	selected(\${H1_10_1}, "11")
H1_10_2: How much \${H1_10_food_asset10} in total did your household consume in the past 7 days? Enter -8 for Don't Know; -9 for Refused	
H1_10_2a: Indicate in what unit the respondent gave their answer	 ○ Kilogramme(s) ○ Tin ○ Litre ○ Cup ○ Millilitre ○ Piece / slice / portion ○ Gram ○ Sachet/tube ○ No. 10 plate

	○ No. 12 plate
	Heap
	○ 50 Kg. bag
	90 Kg. bag
	O Boite MADCO
	O Burth
	Pail (small)
	Pail (large)
	○ Teaspoon
	○ Tablespoon
	Basket (Dengu) (Shelled)
	Basket (Dengu) (Unshelled)
	() Bale
	Ox-cart (Unshelled)
	Basin Other (anacife)
	Other (specify)
	O Don't know
	Refused
114 40 2	selected(\${H1_10_2a}, "25")
H1_10_2a_other: Please specify	
H1_10_3: How much \${H1_10_food_asset10} in	
total did your household consume in the past 7 days came from purchases?	
Enter -8 for Don't Know; -9 for Refused	
H1_10_4: How much did you spend on the	
\$\frac{\\$\{\}\{\}\{\}\{\}\{\}\{\}\{\}\{\}\{\}\	
days? In dollars	
Indicate in MALAGASY AR. If your family ate part but	
not all of something you purchased, estimate what	
you spent only on the part that was consumed. Enter -8 for Don't Know; -9 for Refused	
H1_10_5: How much \${H1_10_food_asset10} came	
from your own production?	
Enter -8 for Don't Know; -9 for Refused	
H1_10_5c: How much it would have cost to buy that	
much \${H1 10 food asset10} if you had to purchase	
it in the market today?	
Ariary Enter -8 for Don't Know; -9 for Refused	
H1_10_6: How much <u>\${H1_10_food_asset10}</u> came	
from gifts or other sources?	
Enter -8 for Don't Know; -9 for Refused	

H1_10_6c: How much it would have cost to buy that much \${H1_10_food_asset10} if you had to purchase it in the market today?	
Ariary Enter -8 for Don't Know; -9 for Refused	
H1_11_1: Over the past 7 days, did you or others in your household consume any of the following items?	□ Maize - boiled or roasted (vendor) □ Chips (vendor) □ Cassava - boiled (vendor) □ Eggs - boiled (vendor) □ Chicken (vendor) □ Meat, skewers (vendor) □ Mofo gasy, Menakely, Ramanonaka, Mofo akondro □ Fish (vendor) □ Bageda □ Samosa, nems (vendor) □ Meal eaten at restaurant (Compose) □ Koba □ Soup □ Achard □ Other cooked foods from vendors (specify) □ Other cooked foods from vendors (specify) □ Other cooked foods from vendors (specify) □ Did not have any of this category □ Don't Know □ Refused
H1_11_1_other1: Please specify	selected(\${H1_11_1}, "15")
H1_11_1_other2: Please specify	selected(\${H1_11_1}, "16")
H1_11_1_other3: Please specify	selected(\${H1_11_1}, "17")
H1_11_2: How much \${H1 11 food asset11} in total did your household consume in the past 7 days? Enter -8 for Don't Know; -9 for Refused	
H1_11_2a: Indicate in what unit the respondent gave their answer	◯ Kilogramme(s)◯ Tin◯ Litre

	○ Cup ○ Millilitre
	O Piece / slice / portion
	○ Gram
	○ Sachet/tube
	○ No. 10 plate
	○ No. 12 plate
	О Неар
	○ 50 Kg. bag
	○ 90 Kg. bag
	O Boite MADCO
	Bunch
	O Pail (small)
	Pail (large)
	○ Teaspoon
	○ Tablespoon
	Basket (Dengu) (Shelled)
	Basket (Dengu) (Unshelled)
	Bale
	Ox-cart (Unshelled)
	Basin
	Other (specify)
	O Don't know
	Refused
	selected(\${H1_11_2a}, "25")
H1_11_2a_other: Please specify	3elected(5(11_11_2a), 25)
,	
H1_11_3: How much \${H1 11 food asset11} in	
total did your household consume in the past 7 days	
came from purchases?	
Enter -8 for Don't Know; -9 for Refused	
H1_11_4: How much did you spend on the	
\${H1_11_food_asset11} consumed in the Past 7	
days? In dollars	
Indicate in MALAGASY AR. If your family ate part but	
not all of something you purchased, estimate what	
you spent only on the part that was consumed. Enter	
-8 for Don't Know; -9 for Refused	
H1s_08: Over the past one week (7 days), did any	Yes
people who are not members of your household eat	○ No
any meals in your household?	O Don't know
any mesia in your mousemold.	Refused to answer

H1s_09: Over the past one week (7 days), how many people who are not members of your household ate meals in your household?	\${H1s_08}=1
Enter -8 for Don't Know; -9 for Refused	
H1s_10: Over the past one week (7 days), what was the total number of days in which any meal was shared with people who are not members of your household?	\${H1s_08}=1
Enter -8 for Don't Know; -9 for Refused	
H1s_11: Over the past one week (7 days), what was the total number of meals that were shared with people who are not members of your household? Enter -8 for Don't Know; -9 for Refused	\${H1s_08}=1
H1s_12: Over the past one week (7 days), did your household purchase pet food for family pets like a cat or a dog?	○ Yes○ No○ Don't know○ Refused to answer
H1s_13: How much did you spend on pet food last week?	\${H1s_12}=1
Ariary Enter -8 for Don't Know; -9 for Refused	
H1s_14: Over the past one week (7 days), were there any other expenditures on pets?	○ Yes○ No○ Don't know○ Refused to answer
H1s_15: How much did you spend on other purchases for pets last week? Ariary Enter -8 for Don't Know; -9 for Refused	\${H1s_14}=1
H1_1_16: Why was \${H01} unable to complete this part of the survey?	selected (\${H01}, "2") or selected (\${H01}, "3")
MODULE H2. NON-FOOD EXPENDITURES OVER PAST 7 DAYS)	
Respondent for this module: Head of Household or Responsible Adult	
H21_sel: Please select the name of the Head of Household or Responsible Adult	<pre> \$\{hm1\} \$\{hm2\} \$\{hm3\} \$\{hm4\} \$\{hm5\} \$\{hm6\} \$\{hm7\} </pre>

	○ \${hm8}
	○ \${hm9}
	○ \${hm10}
	○ \${hm11}
	○ \${hm12}
	○ \${hm13}
	○ \${hm14}
	○ \${hm15}
	○ \${hm16}
	○ \${hm17}
	○ \${hm18}
	○ \${hm19}
	○ \${hm20}
	○ \${hm22}
	○ \${hm23}
	○ \${hm24}
	○ \${hm25}
	hm_category <= \${hm_count}
	Yes, I agree to participate in the survey
	○ No, I do not agree to participate in the
H22: Does \${H21} give consent to continue?	survey
	O Household Member was not available
	☐ Charcoal, Kitay
	☐ Petrol
	☐ Cigarettes or other tobacco
	☐ Candles
	☐ Rickshaw (Pousse-pousse)
	☐ Pirogue (lakana)
U2 4 4 Overthe rest an averth (7 days) did very	☐ Matches
H2_1_1: Over the past one week (7 days), did your household purchase or pay for any of the following	☐ Newspapers or magazines
items?	☐ Public transport - Bicycle Taxi (include any
Terris.	used for school under education costs; include
	any used for obtaining health care under health
	expenditures)
	\square Public transport - Bus/Minibus (include any
	used for school under education costs; include
	any used for obtaining health care under health
	expenditures)
	☐ Public transport - Other (truck, oxcart, etc.)

	(include any used for school under education
	costs; include any used for obtaining health
	care under health expenditures)
	☐ Other1 (specify)
	☐ Other2 (specify)
	☐ Other3 (specify)
	☐ None of these options
	Don't Know
	☐ Refused
H2_1_1_other1: Please specify:	selected(\${H2_1_1}, "12")
H2_1_1_other2: Please specify:	selected(\${H2_1_1}, "13")
H2_1_1_other3: Please specify:	selected(\${H2_1_1}, "14")
H2_1_2: How much did you pay for \${H2 1 one week recall}?	
Ariary Enter -8 for Don't Know; -9 for Refused	
MODULE H3: NON-FOOD EXPENDITURES OVER PAST ONE MONTH	
Head of Household or Responsible Adult	
H3_1_1: Over the past 30 DAYS (one month), did your household use or buy any of the following items?	 ☐ Milling fees for grains (not including cost of grain itself), grain ☐ Bar soap (body soap or clothes soap) ☐ Clothes soap (powder, paste) ☐ Toothpaste, toothbrush ☐ Toilet paper ☐ Glycerin, Vaseline, skin creams, coconut oil, green clay ☐ Other personal products (shampoo, razor blades, cosmetics, hair products, etc.) ☐ Light bulbs ☐ Postage stamps or other postal fees (Frais d'envoi pour le taxi - brousse ou DHL) ☐ Donations - to church, charity, beggar, etc. ☐ Petrol or diesel ☐ Motor vehicle service, repair, or parts ☐ Bicycle service, repair, or parts

	☐ Wages paid to servants
	☐ Repairs to household and personal items
	(radios, watches, etc., excluding battery
	purchases)
	☐ Utilities: Natural gas
	☐ Utilities: Electricity
	☐ Utilities: Water
	☐ Batteries
	☐ Recharging of batteries, cell phones, etc.
	☐ Air time for cell phones
	☐ Anything related to illnesses and injuries,
	including for medicine, tests, consultation, &
	in-patient fees
	☐ Medical care not related to an illness -
	preventative health care, pre-natal visits,
	check-ups, etc.
	☐ Non-prescription medicines, for example,
	Panadol, Fansidar, cough syrup, etc.
	☐ Transportation used to access health-related
	services or care that did not require an
	overnight stay in a health facility or at a
	traditional healer's dwelling
	☐ Traditional/natural medicine
	☐ Other health expenditures 1: Specify
	☐ Other health expenditures 2: Specify
	☐ Other health expenditures 3: Specify
	☐ None of these options
	☐ Don't Know
	☐ Refused
	selected(\${H3_1_1}, "27")
H3_1_1_other1: Please specify:	== " ,
110 4 4 11 0 Pl 15	selected(\${H3_1_1}, "28")
H3_1_1_other2: Please specify:	
H3_1_1_other3: Please specify:	selected(\${H3_1_1}, "29")
H3_1_2: How much did you pay for	
\${H3 1 one month recall}?	
Ariary Enter -8 for Don't Know; -9 for Refused	

MODULE H4: NON-FOOD EXPENDITURES OVER PAST THREE MONTHS	
Head of Household or Responsible Adult	
	☐ Infant clothing
	☐ Baby nappies/diapers
	Boy's clothing (trousers, shirts, jackets)
	☐ Boy's undergarments
	☐ Men's clothing (trousers, shirt, jackets)
	☐ Men's undergarments
	☐ Girl's clothing (blouse/shirt, dress/skirt)
	☐ Girl's undergarments
	☐ Women's clothing (blouse/shirt,
	dress/skirt)
	☐ Women's undergarments
	☐ Lambahoany
	☐ Boys shoes
	☐ Men's shoes
	☐ Girl's shoes
	☐ Women's shoes
	☐ Cloth, thread, other sewing material
H4_1_1: Over the past 3 months, did your household	☐ Laundry, dry cleaning, tailoring fees
purchase or pay for any of the following items?	☐ Bowls, glassware, plates, silverware, etc.
	☐ Cooking utensils (cookpots, stirring spoons
	and whisks, etc.)
	☐ Cleaning utensils (brooms, brushes, etc.)
	☐ Torch / flashlight
	☐ Umbrella
	☐ Petrol lamp
	☐ Stationery items (excluding school related)
	☐ Books (excluding school related)
	☐ Music or video cassette or CD/DVD
	☐ Tickets for sports / entertainment events
	☐ House decorations
	☐ Night's lodging in rest house or hotel
	(excluding school or health related)
	☐ Other: Specify
	☐ Other: Specify
	☐ Other: Specify
	☐ None of these options

	☐ Don't Know
	☐ Refused
H4_1_1_other1: Please specify:	selected(\${H4_1_1}, "30")
H4_1_1_other2: Please specify:	selected(\${H4_1_1}, "31")
H4_1_1_other3: Please specify:	selected(\${H4_1_1}, "32")
H4_1_2: How much did you pay for \${H4_1 three month recall}?	
Ariary Enter -8 for Don't Know; -9 for Refused	
MODULE H5. NON-FOOD EXPENDITURES OVER PAST 12 MONTHS	
Head of Household or Responsible Adult	
H5_1_1: Over the past one year (twelve months), did your household purchase or pay for any of the following items?	□ Carpet, rugs, drapes, curtains, tsihy □ Linen - towels, sheets, blankets □ Mat - sleeping or for drying maize flour □ Mosquito net □ Mattress □ Sports & hobby equipment, musical instruments, toys □ Film, film processing, camera □ Cement □ Bricks □ Construction timber □ Purchase of land for non-farming purposes □ Adidy □ Insurance - health (MASM, etc.), auto, home, life □ Fines or legal fees □ Lobola (bridewealth) costs □ Marriage ceremony costs □ Funeral costs, exhumation, circumcision, household members □ Funeral costs, exhumation, circumcision, non-household members (relatives, neighbors/friends)

	☐ Hospitalizations or overnight stay in any
	hospital – total cost for treatment
	☐ Travel to and from the medical facility for
	any overnight stay(s) or hospitalization
	☐ Food costs during overnight stay(s) at the
	medical facility or hospitalization (if not already
	included above)
	☐ Over-night(s) stay at a traditional healer's or
	faith healer's dwelling – total costs for
	treatment
	☐ Travel costs to the traditional healer's or
	faith healer's dwelling for overnight stay(s)
	☐ Food costs during overnight stay(s) at the traditional healer's or faith healer's dwelling
	☐ Tuition, including extra tuition fees
	☐ Expenditures on after school programs and
	tutoring
	☐ School books and stationery
	☐ School uniform
	☐ Boarding fees (including VAT)
	☐ Contribution to school building maintenance
	☐ Transport to and from school
	☐ Parent/Teacher Association and other
	related fees
	☐ Other 1: Specify
	☐ Other 2: Specify
	☐ Other 3: Specify
	☐ None of these options
	☐ Don't Know
	☐ Refused
	selected(\${H5_1_1}, "33")
H5_1_1_other1: Please specify:	
H5_1_1_other2: Please specify:	selected(\${H5_1_1}, "34")
	selected(\${H5_1_1}, "35")
H5_1_1_other3: Please specify:	Selected(5(115_1_1), 55)
H5_1_2: How much did you pay for	
\${H5_1_one_year_recall}?	

Ariary Enter -8 for Don't Know; -9 for Refused	
	☐ Wood poles, bamboo
	☐ Material for the roof
	☐ Grass for thatching roof or other use
H5_1_5: Over the past one year (twelve months), did	☐ Other: Specify
your household gather, purchase or pay for any of	☐ Other: Specify
the following items?	☐ Other: Specify
	☐ None of these options
	□ Don't Know
	☐ Refused
	selected(\${H5_1_5}, "4")
H5_1_5_other1: Please specify:	
H5_1_5_other2: Please specify:	selected(\${H5_1_5}, "5")
TIS_1_S_Other2. Flease specify.	
	selected(\${H5_1_5}, "6")
H5_1_5_other3: Please specify:	
H5_1_6: What was the estimated total quantity of	
\${H5_1_one_year_recall1} used?	(Wile array of a)
	○ Kilogramme(s)○ Tin
	○ Litre
	○ Cup
	○ Millilitre
	O Piece / slice / portion
	Gram
	○ Sachet/tube
	○ No. 10 plate
	○ No. 12 plate
H5_1_6a: Indicate in what unit the respondent gave	
	○ 50 Kg. bag
	○ 90 Kg. bag
	O Boite MADCO
	○ Bunch
	O Pail (small)
	O Pail (large)
	○ Teaspoon
	○ Tablespoon
	Basket (Dengu) (Shelled)
	Basket (Dengu) (Unshelled)

H5_1_7: Did your household gather the \${H5 1 one year recall1}, or did your household	 ○ Bale ○ Ox-cart (Unshelled) ○ Basin ○ Other (specify) ○ Don't know ○ Refused □ Gathered □ Purchased
purchase or pay for the \${H5_1 one_year_recall1}?	□ Don't Know □ Refused
H5_1_7a: What was the total estimated value of \${H5_1 one year recall1} that you gathered? Indicate in MALAGASY AR	selected(\${H5_1_7},"1")
H5_1_7b: What was the total estimated value of \${H5_1 one year recall1} that you purchased? Indicate in MALAGASY AR	selected(\${H5_1_7},"2")
MODULE H6. HOUSING EXPENDITURES Head of Household or Responsible Adult	
H6_01: Do you own or are purchasing this house, is it provided to you by an employer, do you use it for free, or do you rent this house?	 ○ Own ○ Being purchased ○ Employer provides ○ Free ○ Rented ○ Don't Know ○ Refused
H6_02: If you sold this dwelling today, how much would you receive for it in MALAGASY AR? Ariary Enter -8 for Don't Know; -9 for Refused	\${H6_01}=1 or \${H6_01}=2
H6_03: How old is this house, in years? Use '000' if house is less than one year.	\${H6_01}=1 or \${H6_01}=2
H6_04: If you rented this dwelling out today, how much rent would you receive in MALAGASY AR? Ariary Enter -8 for Don't Know; -9 for Refused	
H6_04a: Indicate in what unit the respondent would rent	○ Day○ Week○ Month○ Year○ Don't Know○ Refused

H6_05: How much do you pay to rent this dwelling in MALAGASY AR?	
Ariary Enter -8 for Don't Know; -9 for Refused	
H6_05a: Indicate in what unit the respondent would rent	○ Day○ Week○ Month○ Year○ Don't Know○ Refused
H6_06: Do you pay a mortgage on this house, that is, a regular payment towards purchasing the house?	\${H6_01}=1 or \${H6_01}=2 O Yes No
H6_07: How often do you make mortgage payments?	\${H6_06}=1 Once a month Once every 3 months Once every 6 months Once a year Other (Specify) Don't Know Refused
H6_07_other: Please specify:	\${H6_07}=5
H6_08: How much do you pay each time you make a payment on your mortgage in MALAGASY AR? Ariary Enter -8 for Don't Know; -9 for Refused	\${H6_06}=1
H6_09: In the past one month, how much did you spend on <i>repairs & maintenance</i> to this house in MALAGASY AR? <i>Ariary Enter -8 for Don't Know; -9 for Refused</i>	
MODULE H7. DURABLE GOODS EXPENDITURES Head of Household or Responsible Adult	
H7_1_1: Does your household own any of the following items?	 □ Bed/table/chair □ Fan □ Radio □ Tape or CD/DVD player/VCR □ Television □ Sewing machine □ Kerosene/paraffin stove

	☐ Electric stove; hot plate
	☐ Gas stove
	☐ Refrigerator
	□ Bicycle
	□ Boat
	☐ Motorcycle/scooter
	□ Car
	☐ Mini-bus
	□ Lorry
	☐ Beer-brewing drum (Toaka, Betsabetsa)
	□ Sofa
	☐ Cupboard, drawers, bureau
	☐ Lantern (paraffin)
	□ Desk
	□ Clock
	☐ Iron (for pressing clothes)
	☐ Computer equipment & accessories
	☐ Satellite dish
	☐ Solar panel
	☐ Generator
	☐ None of these options
	□ Don't Know
	☐ Refused
H7_1_2: How many <u>\${H7_1_assets}</u> do you own?	
H7_1_3: What is the age of \${H7_1 assets}/s?	
Age in years. If more than one item, average age	
H7 1 4: If you wanted to sell these	
\$\{\text{H7 1 assets}\}\s today, how much would you	
receive?	
Indicate in MALAGASY AR If more than one item,	
average value	
H7_1_5: Did you purchase or pay for any of these	○ Yes
\${H7_1_assets}/s in the last 12 months?	○ No
H7_1_6: How much did you pay for all these	
\${H7_1_assets}/s all together (total) in the last 12	
months?	
Ariary Enter -8 for Don't Know; -9 for Refused	
H8_1_2: Why was <u>\${H21}</u> unable to complete this part of the survey?	selected (\${H22}, "2") or selected (\${H22}, "3")

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End of Survey THANK YOU	
Interviewer's Observations	
Comments about respondent:	
Comments on specific questions:	
Any other comments:	

ANTHROPOMETRIC SURVEY

Madagascar Endline-Pilot	
Begin Module A: Household ID and Informed Consent	
Head of HH and/or Responsible Adult	
A01. Region	○ AMORON I MANIA○ ATSIMO ANDREFANA○ ATSINANANA○ HAUTE MATSIATRA○ VATOVAVY FITOVINANY
A02. District	 ○ AMBATOFINANDRAHANA ○ AMBOSITRA ○ FANDRIANA ○ MANANDRIANA ○ AMPANIHY OUEST ○ BETIOKY ATSIMO ○ MOROMBE ○ SAKARAHA ○ TOLIARY-II ○ BRICKAVILLE ○ TOAMASINA II ○ AMBALAVAO ○ AMBOHIMAHASOA ○ LALANGINA ○ VOHIBATO ○ IFANADIANA ○ MANANJARY
	p_cat=\${A01}
A03. Commune	 ○ AMBONDROMISOTRA ○ SOAVINA ○ TSARASAOTRA ○ ALAKAMISY AMBOHIMAHAZO ○ MAHAZOARIVO ○ AMBOHIMAHAZO ○ ANKILIMIVORY ○ BELAFIKE HAUT ○ BEROY SUD ○ GOGOGOGO ○ VOHITANY ○ ANKAZOMANGA OUEST

○ LAZARIVO
○ MAROARIVO ANKAZOMANGA
○ MAROSAVOA
○ AMBAHIKILY
○ ANTANIMIEVA
○ BASIBASY
O BEFANDRIANA SUD
○ TANANDAVA STATION
○ МІКОВОКА
○ MITSINJO
○ ANDRANOVORY
○ ВЕНОМРУ
○ BELALANDA
○ MAROMIANDRA
○ MIARY
○ MITSINJO BETANIMENA
○ TSIANISIHA
○ AMBALARONDRA
○ AMPASIMBE
○ ANDOVORANTO
○ ANIVORANO EST
○ ANTSAPANANA
○ BRICKAVILLE
○ RANOMAFANA EST
O VOHIPENO RAZANAKA
○ VOHITRANIVONA
○ AMBODITANDROROHO
○ FANANDRANA
○ AMBINANINDOVOKA
○ AMBOHIMANDROSO
○ ANJOMA
○ МАНАZОМҮ
○ AMPITANA
○ ANKAFINA TSARAFIDY
○ SAHAVE
○ VOHIPOSA
○ AMBALAKELY
○ IVOAMBA
○ MAHATSINJONY
○ SAHAMBAVY
○ MAHASOABE
○ VOHITRAFENO
О АМВІАВЕ
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	○ EA-23323013
	○ EA-23325008 (Remplacement)
	○ EA-23322013
	○ EA-23320009
	○ EA-23314007
	○ EA-23329002
	○ EA-23315017
	w_cat=\${A03}
A05. Unique Household ID (hh)	
Household Listing ID: This is the HH number from the listing map (sketch map)	
A05b. Unique Household ID (hh)	
Question A05b is an intentional duplicate question.	
Enumerator must correctly enter the "Unique HH ID" twice to	
be able to continue with the survey.	
-	O 1
	O 2
	○ 3
	0 4
A06. Supervisor Code	○ 5
·	○ 6
	○ 7
	○8
	○ 9
	○ 1
A07. Anthropometrist Code	O 2
	○3
	○ 4
	<u>0</u> 5
	<u></u> 6

	 ○ 7 ○ 8 ○ 9 ○ 10 ○ 11 ○ 12 ○ 13 ○ 14 ○ 15
Anthropometry Children Section (children under 5 years of age)	
ant_1. Please enter the name of the child If there are no eligible children with their primary caregivers, please enter -8 to skip to move on to the Women's section of Anthropometry Module	
ant_2. Please enter the name of the primary caregiver	\${ant_1}!=-8
All of the answers you give will be confidential and will not be shared with anyone other than members of our survey team. You don't have to be in the survey, but we hope you will agree to answer the questions since your views are important. If I ask you any question you don't want to answer, just let me know and I will go on to the next question or you can stop the interview at any time. Another member of my team will come and take height and weight measurements of the eligible children in the HH. Please read aloud to any new person giving consent	\${ant_1}!=-8
ant_3. Do you give consent to participate in the survey and allow your child to be weighed and measured?	\${ant_1}!=-8 O Yes, I agree to participate in the survey and allow my child to be weighed and measured No, I do not agree to participate in the survey and allow my child to be weighed and measured
ant_4. Does $\frac{1}{2}$ have any documents with the birth date of $\frac{1}{2}$ recorded?	\${ant_3}= 1 and \${ant_1}!=-8 O Birth Certificate O Baptismal/Church Record O Health Registration Card O Home Record O Parent Statement

	Specify Other: Does Not Know Refused
ant_4a. Specify Other:	selected (\${ant_4}, "6")
Instructions for Birth conversion Table: 1. Use the child's birth year given in question D05a, to covert child's age into months 2. To use Birth conversion Table go to the appropriate table as labeled on the side of each table "Birth Date". Example: If the child is born in 2017, use the table with "Birth Date – 2017" on the side. 3. Using the current month, select the appropriate "Study Date" column. Example: If it is April 2019, use the middle column labeled Apr 4. Check the child's birth month and cross the appropriate "Study Date" month column with the row of the child's birth month. Example: Today is April 11, 2019 and the child is born on September 27, 2017. Cross the middle column "Apr." with the row "Sept." in the table "Birth Date – 2017". 5. The digit in the cell where the column of the study month and the birth month of the child meet is the child's age in months. For the example above, the child is 19 months old. 6. Enter this number for question D07. Double check for consistency	
ant_5. Record the month and year of birthdate of \$\frac{\\${\text{ant 1}}}{\text{from the documents given by \$\frac{\\${\text{ant 2}}}{lf the child does not have records present, please record birthday given or by asking the primary caregiver "what month and year was your child born?" Note: This will be equivalent to the "parent statement"	Day: Month: Year:
ant_5a. What is the age of \${ant_1} (in months)? Children need to be 59 months or younger, if older you will be prompted to add any other eligible children.	\${ant_3}= 1
ant_6. Sex of <u>\${ant_1}</u>	○ Male○ Female
ant_8. Height of \$\frac{\\${\text{ant}} 1\}{\text{in Centimeters (laying down)}}\$ For children from 0 to 23 months of age For height measurements, be sure to include ONE digit after the decimal point (e.g., XX.X) If \$\frac{\}{\}{\text{ant}} 1\}{\text{was unable to be measured please enter "-8" for measurement}	\${ant_5a} <=23 or \${ant_5a}=-8 or \${ant_5a}=-9
ant_9. Height of \$\frac{\sqrt{ant 1}}{\text{ in Centimeters (standing up)}}\$ For children 24 months of age and over For height measurements, be sure to include ONE digit after the decimal	\${ant_5a} >=24 or \${ant_5a}=-8 or \${ant_5a}=-9

point (e.g., XX.X) If <u>\${ant 1}</u> was unable to be measured please enter "-8" for measurement	
ant_7. Weight of \$\{\text{ant 1}\}\ in Kilograms For weight measurements, be sure to include TWO digits after the decimal point (e.g., XX.XX) If \$\{\text{sqnt 1}\}\ was unable to be measured please enter "-8" for measurement	
ant_10. Results of Measurement Process for \${ant_1}	MeasuredUnable to be MeasuredSpecify other:
ant_10a. Specify Other:	selected (\${ant_10}, "3")
ant_11. Comments on measurement procedure Please explain if \${ant_1} was unable to be measured.	selected (\${ant_10}, "2")
ant_12. Does <u>\${ant_1}</u> have EDEMA?	○ Yes ○ No
ant_12a. Does the supervisor confirm that \$\frac{\\${\text{ant 1}}}{\text{has}}\$ has edema? Please mark "yes" to "EDEMA" question on the "Control Sheet" for this child. If the Supervisor is not present, then leave this blank and they will return at the end of the day and confirm the presence of Edema.	\${ant_12}=1 O Yes O No
Results for: \${ant 1}	
Age: \${ant_5a} months Height: \${ant_8} \${ant_9} cm Weight: \${ant_7} kgs	
All Children must be under the age of 5 years old (59 months or younger). If there is more than one child under 5 years, with their primary caregiver, please add additional respondents as needed.	
Anthropometry Women's Section: Selected Women's (15-49 years of age) Information.	
SW_1. Please enter the name of a NON-PREGNANT woman between the age 15-49 years of age Omit women who are pregnant and omit women who are within 2 weeks of postpartum. If there are no eligible women available, please enter -8 to skip to move on to the end of the Anthropometry Section.	
All of the answers you give will be confidential and will not be shared with anyone other than members of our survey team. You don't have to be in the survey, but we hope you	\${SW_1}!=-8

will agree to answer the questions since your views are important. If I ask you any question you don't want to answer, just let me know and I will go on to the next question or you can stop the interview at any time. Another member of my team will come and take height and weight measurements of the eligible children in the HH. Please read aloud to any new person giving consent	
SW_2. \$\{SW_1\}: Do you give consent to participate in the survey and allow yourself to be weighted and measured?	\${SW_1}!=-8 O Yes, I agree to participate in the survey and allow myself to be weighed and measured No, I do not agree to participate in the survey and allow myself to be weighed and measured
SW_3. <u>\${SW_1}</u> : Are you currently pregnant? All women must be NON-PREGNANT	\${SW_2}= 1 O Yes, I am pregnant No, I am NOT pregnant Does not know Refused to answer
SW_4. Age of \${SW_1} (in YEARS) Eligible women need to be between 15 and 49 years of age, if older or younger you will be prompted to add any other eligible woman.	\${SW_3}!=1 and \${SW_2}= 1
SW_7. Height of in Centimeters of \$\{\sum_1\}\$ For height measurements, be sure to include ONE number after the decimal point (e.g., XX.X) If \$\{\sum_1\}\$ was unable to be measured please enter "-8" for measurement	
SW_6. Weight in Kilograms of \${SW_1} For weight measurements, be sure to include two numbers after the decimal point (e.g., XX.XX) If \${SW_1} was unable to be measured please enter "-8" for measurement	
SW_8. Results of Measurement Process for \$\{SW_1\}	MeasuredUnable to be MeasuredSpecify other:
SW_8a. Specify Other	selected (\${SW_8}, "3")
SW_9. Comments on measurement procedure Please explain if \$\{SW_1\}\) was unable to be measured.	selected (\${SW_8}, "2")

Results for: \$\{SW_1\} Age: \$\{SW_4\} years Height: \$\{SW_7\} cm Weight: \$\{SW_6\} kgs	
All women must be NON-PREGNANT and between the ages of 15 and 49 years old.	
Please inquire if there is an eligible NON-PREGNANT woman for measurement and select "add group". If there are no eligible women, please select "do not add" and complete the survey.	
End of Survey! THANK YOU!	
Interviewer's Observations	
int_comment. Comments about respondent: To be done after Interview	
int_specific. Comments on specific questions: To be done after Interview	
int_other. Any other comments: To be done after Interview	

ANNEX K: DISCLOSURE OF CONFLICTS OF INTEREST

All core evaluation team members completed and signed the form below. No conflicts of interest were noted. The completed forms are available from TANGO upon request.

Name	
Title	
Organization	
Evaluation Position?	Team Leader Team member
Evaluation Award Number	
(contract or other instrument)	
USAID Project(s) Evaluated	
(Include project name(s),	
implementer name(s) and award	
number(s), if applicable)	
Hamber(3), if applicable)	
I have real or potential conflicts of	Yes No
interest to disclose.	
If yes answered above, I disclose	
the following facts:	
3	
Real or potential conflicts of interest may	
include, but are not limited to:	
1. Close family member who is an	
employee of the USAID operating unit	
managing the project(s) being evaluated	
or the implementing organization(s)	
whose project(s) are being evaluated. 2. Financial interest that is direct, or is	
significant though indirect, in the	
implementing organization(s) whose	
projects are being evaluated or in the	
outcome of the evaluation.	
3. Current or previous direct or significant	
though indirect experience with the project(s) being evaluated, including	
involvement in the project design or	
previous iterations of the project.	
4. Current or previous work experience or	
seeking employment with the USAID	
operating unit managing the evaluation	
or the implementing organization(s) whose project(s) are being evaluated.	
5. Current or previous work experience	
with an organization that may be seen	

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as an industry competitor with the implementing organization(s) who project(s) are being evaluated. 6. Preconceived ideas toward individe groups, organizations, or objective the particular projects and organization evaluation.	ose luals, es of zations			
I certify (1) that I have completed this disclosure form fully and to the best of my ability and (2) that I will update this disclosure form promptly if relevant circumstances change. If I gain access to proprietary information of other companies, then I agree to protect their information from unauthorized use or disclosure for as long as it remains proprietary and refrain from using the information for any purpose other than that for which it was furnished.				
Signature				
Date				

ANNEX L: FARARANO INFRASTRUCTURE OBSERVATION RECORD

Site 2 - Fokontany Fanandrana



Photo credit: Bernard Crenn



Photo credit: Bernard Crenn



Photo credit: Bernard Crenn

Sanitation (monobloc)

- Since 2015
- Six toilets, two showers, laundry place with solar pumped water. Disabled access.
- About 75 users/week for toilets. Unusable for drinking water or laundry as water is ironrich.
- Earns no more than 10,000 Ar/week.
- Association Usagers de l'Eau (AUE) only three members. Run jointly by commune and AUE.
- Functional but will not survive first major technical hurdle.
- Now part of RANO WASH project.
- Electrical wiring is very exposed.
- Commune wants more infrastructure.
- Monobloc open 7-17h.
- Operated by the commune gardener (cannot pay for a dedicated operator) – cleans and collects money (100/200 Ar for toilet, 300 Ar for shower).
- Max income is 10k/week handed over to Association des Usagers de l'Eau (AUE); commune gardener responsible for the maintenance.
- Some people pay a monthly fee and get a key.
- Now working with RANO WASH to improve commune-level WASH facilities; now collecting data.
- AUE is now only three members others all left
- Contract with Structure Locale de Concertation (SLC): under commune, fourth power: the other three being: advisors, conseiller, executive/mayor, and the AUE.
- Claim did not know of iron issue before, not checked?
- CRS/ODDIT did appel d'offre to build monobloc, electrical controller got fixed during warranty period and added second solar panel.
- All three hand pumps not working. No technician, no training (is it true?)
- Commune has no budget for facility maintenance and employees have difficulty getting paid.

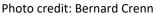
Site 2 - Fokontany Fanandrana	Sanitation (monobloc)
Photo credit: Bernard Crenn	 Night guard lets some pre-approved people in. Slow increase in usage since start. Mindset on sanitation slowly changing. Comments: Need to change to different well. Looking for other water sourcing and distribution system (RANO WASH).
Photo credit: Bernard Crenn	Place for doing laundry, but never used due to cost and iron staining
Photo credit: Bernard Crenn	Extremely exposed wiring between solar panel and pump

Site 2 - Fokontany Fanandrana



Sanitation (monobloc)

Use of an existing well nearby







Rarely used and very stained squat toilet and *urinoir*Photo credit: Bernard Crenn



The two right-most smaller panels are for the system Photo credit: Bernard Crenn



Photo credit: Bernard Crenn

Commune Ambinaninony





Photo credit: Bernard Crenn

Sanitation (monobloc)

- Since 2017.
- In good condition; looks used and cared for.
- Active woman manager part of PPP with water supply company with 60 private users.
- She pays only water bill (40,000 Ar/month or 1,000 Ar /three months), no rent and company does the repairs. She earns 4,000-5,000 Ar /day, six days/week.
- Gets 300 Ar (\$0.12) for phone charged.
- Solar panels for lighting only.
- Charges 100/200 for toilet, 300 for shower, 25 for 20 liters of water, laundry 100/tank.
- More demand in summer and slow increase of client base.
- 60 percent women clients.
- Her child takes care if she is not here.
- Water supply is spring box 4 km away.
- Sometimes there is no water for three to four days.
- The water network has 60 customers.

Site 5 - Fokontany Manarantsandry



Photo credit: Bernard Crenn

Irrigation (Périmetre Autonome)

Since 2018. Up to 5 km of channel and backfill – 40 ha now out of 85ha possible – no drainage channels – needs more irrigation channels – two crops/year, now higher yield with irrigation but no new techniques used yet but shown in demo plot. Will do line planting. 57 members in AUE but 10 users are non-members and non-contributors (contribution is set at 2k Ar/month) – thinking of doing potatoes and vegetables also. OK for now to do maintenance but flood damage hard to repair. Project gave them a technical plan and await other projects to assist with more infrastructure work. Irrigation system is coarse.

Site 5 - Fokontany Manarantsandry



Mostly earth canals with occasional concrete sections
Photo credit: Bernard Crenn

Irrigation (Périmetre Autonome)



Very uneven irrigated ground, unleveled Photo credit: Bernard Crenn



Photo credit: Bernard Crenn

Concrete dam upstream built by the project for water collection in a higher part of the swamp.

Site 7 Fokontany Antsenavolo



Photo credit: Bernard Crenn

Pumped water system

- Only dam from previous project.
- Built settling tanks, machine house (12 solar panels + 24 batteries), 45m³ tank.
- 3-5 km of piping, nine *borne fontaines* and 25 individual connections.
- Water with iron and colored, untreated.
- Does tank chlorination.

Site 7 Fokontany Antsenavolo



Pumped water system

- Three solar panels stopped working early on (25 percent).
- With battery bank (now not functioning).
- Put in diesel genset in March 2018, now not working for two to three months.

Photo credit: Bernard Crenn



Photo credit: Bernard Crenn

- Borne fontaine: charges 50 Ar/ 20 liters bidon water only for one to two hours between 15-17h pays monthly water bill (7500 Ar@1500/m³)
- Now people pay 200-600 Ar/bidon depending on distance – water was free for first 4 m (pilot), paid for two months and then stopped.
- Private connection: paid 120k Ar for water one hour/day – paid once 1600Ar, used 44m³ used water for drinking.



Three out of fourteen batteries have failed (overcharge?) Photo credit: Bernard Crenn



Inside borne-fontaine

Photo credit: Bernard Crenn



Individual connection

Photo credit: Bernard Crenn

Other commune system run by Mick-Ael - Commune Kianjavato - Fktn Kianjavato

Mickael is regional construction company, branching into water supply three years ago.

Now waiting on Ministry of Water for contract to fix Antsenavolo and others – change in gov't policy and now teaching people to pay for water – busy constructing four more systems with RANO WASH – running nine sites in total, eight working.

Here combining two old systems (broken pipes) with one new (*captage* + 40m³ tank + 5BF + 60 individuals + 1 monobloc) – not enough water in Oct/Nov – people don't pay, so more sensitisation on budgeting (spend harvest money 2x/yr) – tests water 6x/year for PH (but not coliform) – system was advertised as providing safe water - water price is 2000 Ar/m³ (1500 for BF) – schools and hospital get first 2m³ free – will be profitable in five years, they have a business plan – vandals break pipes for fun or to provide water for zebus, no sanctions but more sensitisation.

Monobloc: 40-60/day, more women, prices posted

No laundry as too expensive. Busy day is Sunday market. Was 50 Ar/20 liters but now paying up to 600/20 liters with transport.



Site 10 Fokontany Ambohimahavelona



Photo credit: Bernard Crenn

Irrigation system

- Fifteen-member water users' group for 180 users.
- Unsure of irrigated area.
- Users pay 1000 Ar at harvest.
- They supervise canal maintenance.
- Their decision to improve it with FFA (only about 50 m of concrete canal, some already broken)

Site 10 Fokontany Ambohimahavelona



Photo credit: Bernard Crenn

Irrigation system

Satisfied but issue of watercress, want split system higher up – cress was in rivers, now transplanted to paddies, get income 1/m – complained at commune/district but no reply – supposed to be only between Jan-May when no rice growing but rule not enforced, since 2012 – same 10 cress growers but now more rice growers – don't want conflict, so now use "water police" to shut water to cress growers at 3pm each day – they do constant maintenance and is all OK.

Site 13 Piste between Basibasy and Antanimieva



Very Relevant

a. Now usable by motor vehicles and trucks. Project constructed >15 new culverts/fords but old one broken and two new ones done by government are damaged.

Photo credit: Bernard Crenn



Photo credit: Bernard Crenn

High impact and effectiveness a. Now do onion agriculture – before was 25 km, now 17 – more small traders, better market, vaccinations campaigns on time.

High satisfaction but poor sustainability a. Committee has not done any maintenance and there is no fundraising. Expecting to find project/donation to repair damaged culverts. Main activity is to fend off cattle from damaging road during rainy season.

b. By not replacing *all* the culverts (only 1/4 more), the road will soon be useless to motor vehicles.

Site 15 Fokontany Ankilikasy



Photo credit: Bernard Crenn

Irrigation system (artesian spring)

Relevant

- a. 12 members (two women some have 20-80 ha) selected at *Assemblée Générale* by farmers.
- b. About 150 users altogether and more than 600 ha.
- c. Got two-day training and other regular trainings on water management.
- d. They do irregular canal maintenance (last time was in March).
- e. From four channels to now six (decided by community).

Good impact, unclear effectiveness

- a. Land is now 40 percent more expensive.
- b. Some members now get less water (large landowners on committee) but others probably get more.
- c. All do rice, up to three crops/year (unclear if change from before).



Photo credit: Bernard Crenn

Reasonable satisfaction and sustainability

- a. Arguments among members about water availability and usefulness of new system.
- b. No member financial contribution, only labor.
- c. Though there are six branch committees, only four are represented on committee (original four) one channel is too flat to be useful.
- d. Thinking of creating a "water police" to ensure better water sharing.
- e. They want more infrastructure.
- f. Satisfied with project staff.
- j. Get no support from *Direction Regionale*.

Around commune Antanimieva (Morombe district)



Photo credit: Bernard Crenn

Village water systems

- Wash: two unused monoblocs, built Mar-Jun 2019
- Supposed to be part of town water supply.
- Apparently waiting for Ministry approval for PPP operation.

Around commune Antanimieva (Morombe district)



Photo credit: Bernard Crenn

Village water systems

- Seventeen solar pump 3m³ with kiosks (\$6000-7000 to build)
- 50 Ar/20 liters.
- Only 1m³ used/day (40 -50 bidons) makes 2500 Ar and pays 1500 Ar/m³.
- Hand pump is not used though usable.
- Did not talk to any users.

Fokontany Mangotroka (Morombe district)



Photo credit: Bernard Crenn

The village has two pumps. This one in constant use and not a project pump. There is a project pump by the school at the edge of town but was not seen used. Note lack of fence and water puddles around the pump.

This pump has been in used for 20 years but the AUE was created with project – they do sensitisation to drink clean water, to make more wells – there was a fence around pump, no money for spare part, just make a collection when needed but cannot do now as lean season - used to ask Chinese/Japanese to fix pump – they know they need a 120,000 Ar part from a Tulear technician – sometimes get fixed for free.