

Guide to dataset: Mahay endline survey data 2016

The Mahay study is composed of the following data sources:

The household questionnaire includes detailed sections on demographics, housing/water and sanitation, education, household expenditures, food security, and shocks. The household questionnaire was administered to the household head, or in his/her absence to the most informed household member. Data on food security status was collected using the Household Food Insecurity Access Scale (HFIAS) developed by and dietary diversity using the Household Dietary Diversity core (HDDS).

The female and child questionnaire were administered to all primary caregivers of the target children. At baseline, all primary caregivers were asked about fertility. Mothers were administered sections on knowledge about nutrition and child development, as well as a module on child appetite and responsive feeding. A child questionnaire was administered to all primary caregivers include delivery information, breastfeeding history and status, timing introduction of complementary feeding, morbidity, and a 24 hour dietary recall. Child weight, height, and mid upper-arm circumference were measured at baseline in duplicate using techniques described for the WHO Multicenter Growth Reference Study. Child development was assessed using The Ages and Stages Questionnaire Inventory (ASQI), which is a comprehensive self-report maternal assessment of child development. ASQ-I is a continuous version of child development and progress as opposed to the more widely used ASQ-3 screening tool. The subscales measure skills in Communication, Gross Motor, Fine Motor, Personal-Social and Problem-Solving domains. In addition, pregnant women and primary caregivers were also administered a module on depression, using the Center for Epidemiological Studies Depression Scale (CESD) and administered a test on receptive vocabulary, using the Peabody Picture Vocabulary Test (PPVT) already adapted for Madagascar.

A community health worker questionnaire was administered to both the community nutrition worker (ACN) and the added community nutrition worker (ACDN, if already identified at baseline). The questionnaire includes demographics and socio-economic information about the community worker (education, occupation, household assets), a Motivation Scale. The community workers were administered the same test of receptive vocabulary, using the Peabody Picture Vocabulary Test (PPVT) administered to the primary caregiver. In addition, the questionnaire has specific sections about how the site characteristics, the characteristics and composition of a volunteer support group, the referral to a health center and the training received.

A community questionnaire: was administered to a group of informed leaders about the size and population of the village (Fokontany), accessibility and availability of local infrastructure, the presence of associations in the village, the occurrence of weather shocks and production shocks.

Questionnaires are structured as follows:

Household questionnaire
A: Identification
B: Household Roster
B1: Education > 3
B1: Education 3-24
B2: Occupation

D: Dwelling
E: Assets
F: Shocks past 12 months
G: Food Security
Female questionnaire
FA: Reproduction
FB: Pregnancy Antenatal Care (target child and youngest sibling)
FC: Birth/Delivery, Breastfeeding
FD: Infant/Child Feeding, child food diversity
FE: Responsive Feeding
FM: Child morbidity (<u>new</u> module)
FH : Knowledge/practices about hygiene
FK : Maternal knowledge about child feeding and child development
FX: Maternal Food Diversity
L: Time Use previous 24h
PR: Participation to T1-T4 activities
MA: Anthropometric and anemia measurements

Infant questionnaire
FL: Primary Caregiver, Family Care Indicators
FP: Ages and Stages Questionnaire Inventory
FP: Questionnaire Ages and Stages - Communication
FP: Questionnaire Ages and Stages – Gross Motor
FP: Questionnaire Ages and Stages – Fine Motor
FP: Questionnaire Ages and Stages – Problem Solving
FP: Questionnaire Ages and Stages - Socialization
FG: Depression (CESD) scale
V: Receptive Vocabulary mother/primary caregiver
FR: Perception on the role of parents and subjective perception of child nutrition, child development (<u>new</u> module)

Community Health Worker questionnaire
CA: Demographics
E: Assets
CB: Site Characteristics
CC: Occupation
CD: Support Group
CH: Training
CM: Local health center
CN: Motivation Scale
FK: Knowledge (Nutrition, Development)
FH: Skills and practical knowledge of hygiene
CV: Receptive Vocabulary (PPVT)

Village (Fokontany)
VB: Population and Households of Fokontany
VC: Physical, Administrative and Socio-Economic Infrastructures
VD: Organizational structures of the Fokontany
VF: Food security and prices
VG: Production Risks and Shocks

Data files and identifiers

Idmen= unique household ID

Idind = unique individual ID

Idmere = ID mother/caregiver of the target child

Idacn= unique ID for the community nutrition worker

A01/grappe= unique ID village/cluster

File name	identifiers	content	comments
Child/female/household datafiles:			
enfant_idmere.dta	Idind, idmere	Child/female questionnaire	1 :1 correspondence between the target child (idind) and her caregiver (idmere)
menage.dta	idmen	Household questionnaire	
men_tableau.dta	idmen+id (individual id)	B: Household roster	Long form
men_betails.dta	Idmen + id (type of livestock)	Roster/table of household livestock ownership	Long form
men_bien.dta	idmen+id (type of asset)	E: Roster/table of household asset ownership	Long form
men_chocs.dta	idmen+id (type of shock)	F: Roster/table of household shocks	Long form
men_emploi_du_temps.dta	idmen+id (type activity)	L : roster/table of time use mother/caregiver	Long form
men_sante.dta	Idmen+id	FM: roster/table: type of morbidity	Long form

		experienced by the target child	
men_assistance_aide.dta	idmen+id (type of assistance received)	roster/table: type of assistance received	Long form, new module at endline
Community nutrition worker data files :			
acn.dta	idacn Tacn=1 ACN Tacn=2 ACDN (tacn_new if the worker was added after midline)	Community worker questionnaire	
acn_bien.dta	idacn+id (type of asset)	Roster/table of asset ownership of the community worker	Long form
acn_calendrier.dta	idacn+id (type of activity)	Calendar site activities past month	Long form
Community data files :			
village.dta	a01/grappe	Village questionnaire	
vil_respondents.dta	A01+id (person interviewed)	Table/roster of who was interviewed in the village survey	Long form
vil_chocs.dta	a01+id (village + type of shock)	Table/roster of shocks experienced in the community	Long form
vil_roster_securite_alimentaire.dta	a01+id (type of staple)	Table/roster of local availability main staples/prices	Long form
vil_assistance_aid.dta	A01+id (type of aid received)	Table/roster of kinds of assistance received by village	Long form

Merging with other rounds of the evaluation.

There is only one target child per household (idmen). The data can be appended or merged using idmen (or idind for the target child) and an indicator of the wave or year.

Data files and identifiers

Idmen= household ID

Idind = individual ID

Idmere = ID mother/caregiver of the target child

File name	identifiers	content	comments
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enfant_idmere.dta	Idind, idmere	Child/female questionnaire	1 :1 correspondence between the target child (idind) and her caregiver (idmere)
menage.dta	idmen	Household questionnaire	
men_tableau.dta	Idind=idmen+id (individual id)	B: Household roster	Long form
men_betails.dta	Idbet=Idmen + id (type of livestock)	Roster/table of household livestock ownership	Long form
men_bien.dta	Idben=idmen+id (type of asset)	E: Roster/table of household asset ownership	Long form
men_chocs.dta	Idchocs=idmen+id (type of shock)	F: Roster/table of householdshocks	Long form
men_assistance_aide.dta	Idassist_h=idmein+id	Type of aid received	Long form
men_liquide.dta	Idliquide=idmen+id (type of liquid intake)	FD: roster/table of child liquid intake	Long form
men_sante.dta	Idmorb = idmen+id (type of morbidity)	Roster/table of morbidity	Long form
men_emploi_du_temps.dta	Idemploi=idmen+id (type activity)	L : time use data female/caregiver	Long form
Community nutrition worker data files :			
acn.dta	Idacn = unique identifier CHW Tacn=1 ACN Tacn=2 ACDN	Community worker questionnaire	tacn_new_16= 1 if CHW is new

acn_bien.dta	Idbien = idacn+id (type of asset)	Roster/table of asset ownership of the community worker	Long form
acn_calendrier.dta	Idcalend= idacn+id (type of activity)	Calendar site activities past month	Long form
Community data files :			
village.dta	A01 (grappe=cluster)	Village questionnaire	
vil_chocs.dta	Idchocs =a01v+id (village + type of shock)	Table/roster of shocks experienced in the community	Long form
vil_infr.dta	Idnfr =a01 + id (type of infrastructure)	Table/roster of presence or distance of local infrastructure	Long form
vil_assistance_aid.dta	idassv=a01 + id (type of assistance received)	Table/roster of types of assistance received	Long form
vil_roster_securite_Alimentaire.dta	Idgood=a01+id	Table/roster of prices/availability of main goods	Long form
vil_respondents.dta	Idint= a01+id	Table/roster of individuals interviewed	Long form