

Alive & Thrive Evaluation in Burkina Faso: baseline data

Alternative Title

Évaluation du paquet d'interventions « Alive & Thrive » au Burkina Faso: données de base

Data Creators

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Data Description

The data constitutes the baseline survey of a before-after cluster-randomised trial evaluating the Alive & Thrive programme in Burkina Faso. This was a cross-sectional household survey (N=2,288), designed to select a population-representative sample of women of reproductive age (15 to 49 years) with at least one live birth in the previous 12 months living in rural areas of Boucle du Mouhoun, Burkina Faso. The dataset contains information on the following: socio-demographic characteristics of the woman & her husband; household assets; reproductive history; antenatal, delivery & postnatal care relating to the index birth; illnesses the infant has experienced in the past fortnight; initiation of breastfeeding; current infant feeding patterns (food diaries); problems/difficulties experienced relating to breastfeeding; sources of information & advice relating to infant feeding; and the woman's knowledge of optimal infant feeding practices.

Data Collection Methods

Our target population were rural communes of Boucle du Mouhoun, Burkina Faso. Urban communes and four rural communes where another nutrition intervention was ongoing were excluded. Women were sampled using a two-stage approach. First, within each commune, we randomly selected three villages with probability proportional to size, using the most recent national census (2006) as the sampling frame. We then conducted a census of each selected village to identify all eligible mothers within the village. Women were eligible to participate if their infant, aged less than 12 months, was alive and living with them at the time of the survey. Twenty mother-infant pairs (of whom 10 infants were less than 6 months old and 10 were 6 to 11 months old) were sampled per village using stratified simple random sampling. A structured questionnaire was administered by trained interviewers using PDAs.

Data Analysis and Preparation

Data were collected using PDAs, which allowed us to inspect the consistency and quality on an ongoing basis – returning to the villages in question to rectify any errors identified. After initial cleaning, data were exported to Stata version 14 for analysis.

Geographic regions

Burkina Faso

Key dates

Data collection took place between 2nd June and 28th July 2015.

Quality Controls

Interview teams participated in two weeks training and pilot testing prior to data collection. Data were collected on PDAs allowing ongoing monitoring for quality and consistency checks throughout fieldwork. Field teams were given frequent feedback as to the quality of data, and where necessary errors rectified by returning to the village in question.

Species:

Human population

Privacy:

Information that makes participants potentially identifiable (including names, detailed locality information such as village, GPS co-ordinates) have been removed from the dataset before sharing. The dataset is anonymised; all participants are identified by a numeric code that is not based on any potentially identifiable information (such as a social security code).

Ethics

Ethical approval was granted by the London School of Hygiene & Tropical Medicine Interventions Research Ethics Committee, and the Ministry of Health Research Ethics Committee in Burkina Faso.

Keywords

newborn health; infant health; maternal health; infant feeding; breastfeeding; complementary feeding; nutrition; randomised controlled trial

Language of written material

French

Project Information

Project Name

Alive & Thrive Evaluation in Burkina Faso

Funder/Sponsor

The study was funded by the Bill & Melinda Gates Foundation, managed by FHI 360. The sponsor of the randomised trial is the London School of Hygiene & Tropical Medicine.

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Associated Roles

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File Description

Title	Filename	File type	Description
Baseline dataset	AT_Baseline.csv	Comma Separated Values	Interview data from 2,288 participants in CSV format. Data labels are in English.
Baseline dataset	AT_Baseline.dta	Stata Data File	Interview data from 2,288 participants in Stata 12 format. Data labels are in English.
Questionnaire	AT_Baseline_Questionnaire.pdf	Adobe PDF 1.5	Baseline questionnaire in French
Codebook	AT_Baseline_Codebook.text	ASCII text	Data codebook containing the list of variables & value labels in English
Information sheet	AT_Baseline_Infosheet.pdf	Adobe PDF 1.5	Information sheet used when recruiting participants to the study
Consent form	AT_Baseline_ConsentForm.pdf	Adobe PDF 1.5	Consent form used when recruiting participants to the study