

# Côte D'Ivoire - Taabo HDSS INDEPTH Core Dataset 2009-2013 (Release 2016)

**N'Goran Eliezer - CSRS, unité de formation et de recherches Bioscience Université  
Felix Houphouet Boigny**

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Visit our data catalog at: <http://indepth-ishare.org/index.php>

## Overview

### Identification

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**ID NUMBER**

INDEPTH.CI011.COMD2013.V1

### Version

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**VERSION DESCRIPTION**

v1: Edited dataset for public distribution

**PRODUCTION DATE**

2015-06-09

### Overview

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**ABSTRACT**

The Taabo Health and Demographic Surveillance System (HDSS) is located in south-central Cte d'Ivoire, approximately 150?km north-west of Abidjan. The Taabo HDSS started surveillance activities in early 2009 and the man-made Lake Taabo is a key eco-epidemiological feature. Since inception, there has been a strong interest in research and integrated control of water-associated diseases such as schistosomiasis and malaria. The Taabo HDSS has generated setting-specific evidence on the impact of targeted interventions against malaria, schistosomiasis and other neglected tropical diseases. The Taabo HDSS consists of a small town, 13 villages and over 100 hamlets. At the end of 2013, a total population of 42 480 inhabitants drawn from 6707 households was under surveillance. Verbal autopsies have been conducted to determine causes of death. Repeated cross-sectional epidemiological surveys on approximately 5-7% of the population and specific, layered-on haematological, parasitological and questionnaire surveys have been conducted. The Taabo HDSS provides a database for surveys, facilitates interdisciplinary research, as well as surveillance, and provides a platform for the evaluation of health interventions.

**KIND OF DATA**

Event history data

**UNITS OF ANALYSIS**

Individual

### Scope

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**NOTES**

The attribute are:

Individuals: IndividualID, LocationID, Individual Sex and Date of Birth

EventDate for the event that are occurred like date of Birth, Death, Immigration, Outmigration

EventCode like Birth, Death, Immigration, Outmigration

Deliveries: MotherID, the identifier of the mother of individual

**TOPICS**

Topic	Vocabulary	URI
Demography [N01.224]	MeSH	<a href="http://www.ncbi.nlm.nih.gov/mesh">http://www.ncbi.nlm.nih.gov/mesh</a>

### Coverage

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**GEOGRAPHIC COVERAGE**

The HDSS of Taabo is in rural area and it is located in Center of country . It cover approximately 750Km.

**UNIVERSE**

All individuals resident of the HDSS.

## Producers and Sponsors

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**PRIMARY INVESTIGATOR(S)**

Name	Affiliation
N'Goran Eliezer	CSRS, unit de formation et de recherches Bioscience Universit Felix Houphouet Boigny

**FUNDING**

Name	Abbreviation	Role
Centre Suisse de Recherches Scientifiques	CSRS	Fund all health project
FAIRMED	FAIRMED	Fund all health project
Swiss TPH	Swiss TPH	Fund all health project

**OTHER ACKNOWLEDGEMENTS**

Name	Affiliation	Role
BAIKORO NAHOUA	CSRS	Data Manager

## Metadata Production

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**METADATA PRODUCED BY**

Name	Abbreviation	Affiliation	Role
iSHARE2 Technical Team	isTT	INDEPTH Network	Technical Support
INDEPTH NETWORK	int.indepth	INDEPTH	agency
Taabo HDSS	THDSS	CSRS	Documentation of the study
Martial Laubet	THDSS	CSRS	DDI Author

**DATE OF METADATA PRODUCTION**

2016-05-17

**DDI DOCUMENT VERSION**

DDI.INDEPTH.CI011.CMD2013.V1: 2016-05-17

**DDI DOCUMENT ID**

DDI.INDEPTH.CI011.CMD2013.V1

## Sampling

### Sampling Procedure

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Not Applicable

### Deviations from Sample Design

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None

### Response Rate

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2009 100%  
2010 100%  
2011 100%  
2012 100%  
2013 100%

### Weighting

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Not Applicable

# Questionnaires

## Overview

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the questionnaire used to collect the social and demographic data

- In-Migration paper
- Out-Migration paper
- Pregnancy paper
- Issue and morbidity of pregnancy Paper
- Death Paper
- Entry and Exit Provisional paper
- New member paper
- New Household Paper
- Counting paper
- Internal migration paper
- External migration paper
- Remark paper
- Changing of head household paper
- Proposition of Changing of head household paper
- Autopsy Verbal paper

## Data Collection

### Data Collection Dates

Start	End	Cycle
2009-01-01	2013-12-31	Release Coverage

### Time Periods

Start	End	Cycle
2009-01-20		ROUND 0
2009-06-15		ROUND 1
2009-11-17		ROUND 2
2010-02-23		ROUND 3
2010-07-05		ROUND 4
2010-10-17		ROUND 5
2011-02-25		ROUND 6
2011-08-05		ROUND 7
2012-01-20		ROUND 8
2012-07-10		ROUND 9
2012-11-02		ROUND 10
2013-02-19		ROUND 11
2013-07-01		ROUND 12
2014-02-03		ROUND 13

### Data Collection Mode

Proxy Respondent [proxy]

#### DATA COLLECTION NOTES

In average the duration of interview is one hour. But it depends on each family size.

The language which is used are local language ethnic, french, english and movement language for muffled person

The data collector is composed by:

- A Leader of Station
- A Administrative and Financial Assistant
- A Data Manager
- A Manager of all person who collect data (Supervisor and Data Collector)
- One Supervisor of Data operator
- Three Data operators
- Four Supervisors of Data Collector
- Twelve Data Collectors
- Two Supervisors of Event (Migration and Verbal Autopsy)

### Data Collectors

Name	Abbreviation	Affiliation
Taabo HDSS	THDSS	CSRS

#### SUPERVISION

The supervisor is responsible for the performance of the hearing officer he had under his direction. So it must verify the accuracy of the number of households to investigate by the interviewer during the round of surveillance. Then in agreement with data collector one supervisor defines a work schedule. In this schedule there is the minimum number of household to visit per day, days of recovery completed questionnaires on work days with supervisors migration and verbal autopsies. This planning must necessarily be respected. So during the first week of the round the supervisor will accompany the data collector in households to ensure that it controls the variability of concepts and performs correctly filling out questionnaires. This work strategy is called assisted surveys. Also scheduled day will recover supervisors completed questionnaires, will correct them on the spot, the codify and convey them on the site for HDSS second verification and entry. Also few weeks, that is to say 2-3 weeks, they will conduct investigations against 3 to 5% of households selected randomly by the IT department, depending on the size of households in each enumeration district.



# Data Processing

## Other Processing

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The HDSS Taabo uses exactly 15 types of constant questionnaires for each round. Each of these questionnaires is embodied within what is referred to as "DSS Manager" on the input platform. The design of this input platform was conducted using the software version of WINDEV 15. It is also used to update the terms and variables to update during the surveillance round. However editing the main questionnaire that is to say "household notebook" is from the "Microsoft Access" package.

At the end of the data processing so after clean the various fallacies of each data table, tables will be created. These new tables will be created by the merger of the main namely in migration, outmigration, death, birth and pregnancy. The result of these mergers is the complete list of households and the names of those responsible households, the list of women with a pregnancy and the list of households without GPS coordinates.

As for document control, it is manual and is the exclusive concern of field workers. Indeed IT puts the individual at their disposal tools and materials to start monitoring them and are responsible for thoroughly checking for all documents in their possession. Then identify errors that may have during conception or during printing.

Three days after the start of field surveys, the first questionnaires will be filed in the near field manager for verification and presence of all related records used in each questionnaire. This verification will be carried out through sheets of controls developed for this purpose. Following deposits questionnaires to the field manager, it will carry out a second check of each questionnaire, a check fallacy or omissions. It will transmit the duly verified questionnaires entry through the supervisor seizure operations. A third check will be made and the entry will begin. However filters and controls implemented at the entry platform to allow three data entry operators to capture the maximum of errors that have escaped the manual checks.

When during the seizure of the information is not updated by the data entry operators, such information will be directly caught by the manager of the database with SQL server. The procedure is the same for update information whose columns are not accessible to operators. These procedures are also primary data processing techniques to improve the quality of data entered in full entry data.



## Data Appraisal

### Estimates of Sampling Error

Not Applicable

### Other forms of Data Appraisal

CentreId	MetricTable	QMetric	Illegal	Legal	Total	Metric	RunDate
CI011	MicroDataCleaned	Starts	79493	2016-05-17	09:40		
CI011	MicroDataCleaned	Transitions2	165607	165609	0	2016-05-17	09:40
CI011	MicroDataCleaned	Ends	79493	2016-05-17	09:40		
CI011	MicroDataCleaned	SexValues	165609	2016-05-17	09:41		
CI011	MicroDataCleaned	DoBValues	165609	2016-05-17	09:41		

# File Description

# Variable List

**CI011.CMD2013.V1**

## Content

Cases 171031  
 Variable(s) 14  
 Structure Type:  
 Keys: ()  
 Version CMD2013.V1  
 Producer  
 Missing Data

**Variables**

ID	Name	Label	Type	Format	Question
V1	RecNr	RecNr	contin	numeric	
V2	CountryId	CountryId	discrete	numeric	
V3	CentreId	CentreId	discrete	character	
V4	IndividualId	IndividualId	contin	numeric	
V5	Sex	Sex	discrete	numeric	
V6	DoB	DoB	discrete	character	
V7	EventCount	EventCount	discrete	numeric	
V8	EventNr	EventNr	discrete	numeric	
V9	EventCode	EventCode	discrete	character	
V10	EventDate	EventDate	discrete	character	
V11	ObservationDate	ObservationDate	discrete	character	
V12	LocationId	LocationId	contin	numeric	
V13	MotherId	MotherId	contin	numeric	
V14	DeliveryId	DeliveryId	contin	numeric	



**RecNr (RecNr)**

File: CI011.CMD2013.V1

**Overview**

Type: Continuous	Valid cases: 171031
Format: numeric	Invalid: 0
Decimals: 0	Minimum: 1
Range: 1-138262	Maximum: 171031
	Mean: 85516
	Standard deviation: 49372.5

**Description**

A sequential number uniquely identifying each record in the data file

**CountryId (CountryId)**

File: CI011.CMD2013.V1

**Overview**

Type: Discrete	Valid cases: 171031
Format: numeric	Invalid: 0
Decimals: 0	
Range: 384-384	

**Description**

ISO 3166-1 numeric code of the country where the surveillance site is situated

**CentreId (CentreId)**

File: CI011.CMD2013.V1

**Overview**

Type: Discrete	Valid cases: 171031
Format: character	Invalid: 0
Width: 5	

**Description**

An identifier issued by INDEPTH to each member centre of the format CCNNS, Where CCNNS is the INDEPTH Member site code, constructed as follows:

- CC the ISO 3166-1 alpha-2 code of the country where the site is situated
- NN is a sequential number uniquely identifying an INDEPTH member centre within the country. Starting with 01 to 99, for a maximum of 99 centres per country
- S is a sequential character uniquely identifying the geographical surveillance site. Starting with 1 to 9, thereafter A to Z, for a maximum of 35 sites per centre.

**IndividualId (IndividualId)**

File: CI011.CMD2013.V1

**Overview**

Type: Continuous	Valid cases: 171031
Format: numeric	Invalid: 0
Decimals: 0	Minimum: 1
Range: 1-65924	Maximum: 84617
	Mean: 36449.9
	Standard deviation: 21698.9

**Description**

A number uniquely identifying all the records belonging to a specific individual in the data file. This number is not the same as the identifier used by a contributing centre to be identify the individual

**Sex (Sex)**

File: CI011.CMD2013.V1

**Overview**

Type: Discrete  
 Format: numeric  
 Decimals: 0  
 Range: 0-2

Valid cases: 171031  
 Invalid: 0

**Description**

Sex of the individual  
 - 0 - Unknown  
 - 1 - Male  
 - 2 - Female

**DoB (DoB)**

File: CI011.CMD2013.V1

**Overview**

Type: Discrete  
 Format: character

Valid cases: 171031  
 Minimum: NaN  
 Maximum: NaN

**Description**

The date of birth of the individual Format YYYY-MM-DD

**EventCount (EventCount)**

File: CI011.CMD2013.V1

**Overview**

Type: Discrete  
 Format: numeric  
 Decimals: 0  
 Range: 2-6

Valid cases: 171031  
 Invalid: 0

**Description**

The total number of events associated with this individual in this data set

**EventNr (EventNr)**

File: CI011.CMD2013.V1

**Overview**

Type: Discrete  
 Format: numeric  
 Decimals: 0  
 Range: 1-6

Valid cases: 171031  
 Invalid: 0

**Description**

A number increasing from 1 to EventCount for each event record in order of event occurred

**EventCode (EventCode)**

File: CI011.CMD2013.V1

**Overview**

**EventCode (EventCode)**

File: CI011.CMD2013.V1

Type: Discrete  
 Format: character  
 Width: 3

Valid cases: 171031  
 Invalid: 0

**Description**

A code which identifies the type of event that has occurred

**EventDate (EventDate)**

File: CI011.CMD2013.V1

**Overview**

Type: Discrete  
 Format: character

Valid cases: 171031  
 Minimum: NaN  
 Maximum: NaN

**Description**

The date on which the event occurred Format: YYYY-MM-DD

**ObservationDate (ObservationDate)**

File: CI011.CMD2013.V1

**Overview**

Type: Discrete  
 Format: character

Valid cases: 153758  
 Minimum: NaN  
 Maximum: NaN

**Description**

Date on which the event was observed (recorded), also known as surveillance visit date Format YYYY-MM-DD

**LocationId (LocationId)**

File: CI011.CMD2013.V1

**Overview**

Type: Continuous  
 Format: numeric  
 Decimals: 0  
 Range: 1-9029

Valid cases: 171031  
 Invalid: 0  
 Minimum: 1  
 Maximum: 11495  
 Mean: 4754.5  
 Standard deviation: 2792.1

**Description**

Unique identifier associated with a residence unit within the site and is the location where the individual was or became resident, when the event occurred. this identifier is not the same as the identifier used internally by the contributing centre

**MotherId (MotherId)**

File: CI011.CMD2013.V1

**Overview**

Type: Continuous  
 Format: numeric  
 Decimals: 0  
 Range: 28-65918

Valid cases: 13550  
 Invalid: 157481  
 Minimum: 10  
 Maximum: 84468  
 Mean: 34548.1  
 Standard deviation: 20163.1



## MotherId (MotherId)

File: CI011.CMD2013.V1

### Description

The individual of the mother, only provided for BTH events

## DeliveryId (DeliveryId)

File: CI011.CMD2013.V1

### Overview

Type: Continuous  
Format: numeric  
Decimals: 0  
Range: 1-6339

Valid cases: 13550  
Invalid: 157481  
Minimum: 1  
Maximum: 10095  
Mean: 5079  
Standard deviation: 2923

### Description

The RecNr of the delivery event associated with this birth

