

Mortality Levels, Patterns and Trends at INDEPTH Sites:

Work Progress Update

Momodou Jasseh

On behalf of the
INDEPTH Network Mortality Editorial Team



Mortality Editorial Team:

- Samuel J. Clark,
 - Momodou Jasseh,
 - Sureeporn Punpuing,
 - Ayaga Bawah,
 - Osman Sankoh
-
- Commissioned in 2007.



10th Annual General and Scientific Meeting
27-30 September, 2010, Mensvic Grand Hotel, Accra, Ghana

Mandate

To produce a second edition of
the INDEPTH Network
mortality monograph.



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Tasks....

- Issue call for site participation;
- Request for mortality data;
- Co-ordinate cleaning and analysis of pooled data;
- Provide sites with standardised mortality tables and indicators for site-specific chapters;
- Write up key cross-site monograph chapters and produce book draft.



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Initial Response.... 1

- Disappointing up to December 2007!!

16 out of 37
Sites expressed interest
to participate!!

- Progress hampered by poor showing;



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Initial Response.... 2

- Subsequent appeals and calls issued;
- Workshop on data extraction, cleaning and analysis for participating sites - June 2010 in Accra.
- Presentation of preliminary results by Sam Clark at various for a to stir up interest.



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Where are we now?

- Improved response rate!!!

**33 out of 38
Sites have submitted
data!!!**

- Data queries sorted / are being finalised;
- Cleaned, pooled master dataset to be produced this week.



What next?

- Analysis workshop, 1st – 6th October, 2010;
- Agreed timeline:
 - Send derived mortality tables and indicators to sites - **31-10-2010**;
 - Finish cross-site analyses and draft chapters - **31-12-2010**;
 - Receive site chapters and collate first draft of book - **31-03-2011**;
 - Latest date to receive book draft from INDEPTH-appointed reviewers - **31-07-2011**;
 - Submit for publication - **01-09-2011**.



The Available Data - 1

- **Individual-level exposure data with the following attributes:**
 - site name
 - individual identifier (anonymized)
 - sex
 - date of birth
 - date of death
 - observation start date
 - observation end date
- **Possible for an individual to contribute more than one exposure interval.**



The Available Data - 2

- Evaluated for validity and consistency by ensuring:
 - valid, meaningful dates;
 - valid, meaningful codes;
 - consistency across multiple records for individuals;
 - plausibility of age pattern of mortality and expectation of life at birth;
 - consistency of age pattern compared to median age pattern across the whole data set;



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Proposed Book Outline - 1

PART 1: Mortality levels, trends and patterns at INDEPTH Sites:

Co-ordinator: Editorial Team

- Chapter 1: Introduction
- Chapter 2: Mortality and mortality research in developing countries.
- Chapter 3: Quality of DSS data and other sources of mortality data.



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Proposed Book Outline - 2

Section 1: Childhood Mortality:

Co-ordinator: Momodou Jasseh

- Chapter 4: Levels, trends and differentials of childhood mortality at INDEPTH Sites.
- Chapter 5: Age pattern of mortality in childhood.
- Chapter 6: Causes of death in childhood.



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Proposed Book Outline - 3

Section 2: Adult Mortality:

Co-ordinator: Ayaga Bawah

- Chapter 7: Adult mortality levels, trends and differentials at INDEPTH Sites.
- Chapter 8: Pattern of mortality in adulthood.
- Chapter 9: Causes of adult deaths at INDEPTH Sites.



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Proposed Book Outline - 4

Section 3: Life Table Representation of Mortality at INDEPTH Sites:

Co-ordinator: Sam Clark

- Chapter 10: Life table methodology
- Chapter 11: Model life tables based on contemporary mortality experiences at INDEPTH Sites.



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Proposed Book Outline - 5

*PART 2: Mortality experiences of INDEPTH
Sites: Co-ordinator: Osman Sankoh*

- Chapters 12 - 44: Site-specific mortality articles.



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Other Outputs

- At least three publications in high impact journals:
 - Description of data, characterization of mortality levels and trends and cross-site comparisons:
 - In childhood;
 - In Adulthood.
 - Identification of underlying age patterns of mortality and INDEPTH model life tables.



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Thank You!!!



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