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.
Mandate

To produce a second edition of the INDEPTH Network mortality monograph.
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.
Initial Response.... 1

- Disappointing up to December 2007!!

- Progress hampered by poor showing;

16 out of 37
Sites expressed interest
to participate!!

10th Annual General and Scientific Meeting
27-30 September, 2010, Mensvic Grand Hotel, Accra, Ghana
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 fora to stir up interest.
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;
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.
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.
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.
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.
PART 2: Mortality experiences of INDEPTH Sites: Co-ordinator: Osman Sankoh

- Chapters 12 - 44: Site-specific mortality articles.
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.
Thank You!!!