THE DHS PROGRAM

DISABILITY MODULE IMPLEMENTATION
THE DHS PROGRAM DISABILITY MODULE IMPLEMENTATION

• Description of module
• DHS design
• Operational considerations
• Country use/experience
• Tabulation
THE DHS PROGRAM DISABILITY MODULE
DESCRIPTION

• Based on Washington Group Short Set of Questions
• Screening questions on use of glasses/contact lenses and hearing aids
• One question per domain on seeing, hearing, communicating, remembering/concentrating, walking or climbing steps, and washing all over/dressing
• Response categories
  • No difficulty
  • Some difficulty
  • A lot of difficulty
  • Cannot at all
  • Don’t know
THE DHS PROGRAM DISABILITY MODULE
DESCRIPTION

• Standardized for insertion in DHS Household Questionnaire
  – Questions are asked of household respondent
  – Household respondent provides information on all household members and overnight visitors (de facto members) age 5 and above
  – Questions are added to standard questions about each de facto member’s age, sex, education, etc.

• Not a standard component of the Household Questionnaire
• Optional module, added based on country interest
THE DHS PROGRAM DISABILITY MODULE
SAMPLE DESIGN

- DHS Surveys are household-based and designed to provide representative data on:
  - Country as a whole
  - Urban/rural populations
  - Administrative regions (size/level depends on country)
  - Does not include prisons, boarding schools, institutions, etc.; may or may not include refugees, internally displaced, etc.
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SAMPLE DESIGN

• Usually a 2-stage sample

• Stage 1: Select clusters/enumeration areas from sampling frame (ideally, a recent census)

• Visit selected clusters/enumeration areas to conduct a complete household listing and mapping operation

• Stage 2: Randomly select households from the listing for each cluster/enumeration area
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SURVEY PURPOSE/DESIGN

• Household Questionnaire
  – Some information on all de facto members (education, marital status, etc.)

• Individual Questionnaires
  – Information/indicators relevant to specific groups
  – Women and men of reproductive age (women age 15-49, men age 15-49/54/59)
  – Children below age 5 (data collected from mothers)
THE DHS PROGRAM DISABILITY MODULE SURVEY DESIGN

• When surveys include it, the disability module fits into standard collection of data on everybody in household

• Standard implementation will provide representative data for nation, urban/rural, administrative zones used in each survey for de facto household population age 5 and above

• Trade-off of having disability module in the Household Questionnaire
  — Obtain information on larger age range
  — But not self-reported
THE DHS PROGRAM DISABILITY MODULE
OPERATIONAL CONSIDERATIONS

• Questionnaire design
  – Preliminary stage when inclusion of non-standard questions and modules is discussed by stakeholders

• Pre-test
  – Draft questionnaires and manuals are reviewed with fieldworkers and tested in the field
  – Translations are also reviewed and tested

• Main training
  – Finalized questionnaires, interviewer manual, and training materials
Including the disability module does not materially affect the process

- Factor in more time for training on household questionnaire

Perpetual balance between satisfying data needs of stakeholders and having a questionnaire that is not so burdensome as to reduce quality

Longer questionnaire = more time in the field = higher cost

Conducting follow-up data collection can be feasible depending on IRB approval, obtaining consent for re-contact
THE DHS PROGRAM DISABILITY MODULE
COUNTRY USE/EXPERIENCE

<table>
<thead>
<tr>
<th>Country</th>
<th>Year</th>
<th>Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cambodia DHS</td>
<td>2014</td>
<td>Adaptation of WG Short Set</td>
</tr>
<tr>
<td>Egypt DHS</td>
<td>2018**</td>
<td>DHS-7 Module</td>
</tr>
<tr>
<td>Ghana Maternal Health Survey</td>
<td>2017*</td>
<td>Adaptation of DHS-7 Module (note: this is a special survey on maternal health, not a DHS; questions are in woman’s questionnaire only, only about respondent, for women age 15-49)</td>
</tr>
<tr>
<td>Haiti DHS</td>
<td>2016*</td>
<td>DHS-7 Module</td>
</tr>
<tr>
<td>Mali DHS</td>
<td>2018**</td>
<td>DHS-7 Module</td>
</tr>
<tr>
<td>South Africa DHS</td>
<td>2016*</td>
<td>Adaptation of WG Short Set</td>
</tr>
<tr>
<td>Timor-Leste DHS</td>
<td>2016*</td>
<td>Adaptation of WG Short Set</td>
</tr>
<tr>
<td>Uganda DHS</td>
<td>2006</td>
<td>Adaptation of WG Short Set</td>
</tr>
<tr>
<td>Uganda DHS</td>
<td>2011</td>
<td>Adaptation of WG Short Set</td>
</tr>
<tr>
<td>Uganda DHS</td>
<td>2016*</td>
<td>DHS-7 Module</td>
</tr>
</tbody>
</table>

* data not yet released
** survey still in planning stages, questionnaire not yet final
• 3 standard tables (will appear in every final report of surveys using the module)

• 1\textsuperscript{st}: De facto household population

**Table DB.1 Disability by domain and age**

Percent distribution of de facto household population age 5 and over by the degree of difficulty in functioning according to domain, and percent distribution by the highest degree of difficulty in functioning in at least one domain by age. [Country Survey Year]

<table>
<thead>
<tr>
<th>Degree of difficulty</th>
<th>Total</th>
<th>A lot of difficulty or cannot do at all</th>
<th>Number of persons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domain and age</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Domain</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Difficulty seeing</td>
<td>100.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Difficulty hearing</td>
<td>100.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Difficulty communicating</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Difficulty remembering or concentrating</td>
<td>100.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Difficulty walking or climbing steps</td>
<td>100.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Difficulty washing all over or dressing</td>
<td>100.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Difficulty in at least one domain\textsuperscript{1}</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5-9</td>
<td>100.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10-14</td>
<td>100.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15-19</td>
<td>100.0</td>
<td></td>
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</tr>
<tr>
<td>20-29</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>30-39</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>40-49</td>
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<td></td>
<td></td>
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<tr>
<td>50-59</td>
<td>100.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60+</td>
<td>100.0</td>
<td></td>
<td></td>
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<tr>
<td>Age 15 and over</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>100.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

\textsuperscript{1} If a person was reported to have difficulty in more than one domain, only the highest level of difficulty is shown.
THE DHS PROGRAM DISABILITY MODULE
TABULATION

- 2\textsuperscript{nd} and 3\textsuperscript{rd}: Separate tables for women and men (age 15+)
  - Marital status, urban/rural, region, education, wealth quintile

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<table>
<thead>
<tr>
<th>No difficulty in any domain</th>
<th>Seeing</th>
<th>Hearing</th>
<th>Communicating</th>
<th>Remembering or concentrating</th>
<th>Walking or climbing steps</th>
<th>Washing all over or dressing</th>
<th>Don't know/missing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Some difficulty, a lot of difficulty, or cannot do at all</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Some difficulty</th>
<th>A lot of difficulty or cannot do at all in more than one domain</th>
<th>Number of persons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Difficulty in at least one domain</td>
<td>A lot of difficulty or cannot do at all</td>
<td>Number of persons</td>
</tr>
</tbody>
</table>

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01/08/2017
THE DHS PROGRAM DISABILITY MODULE TABULATION

• Country-specific tabulations can be run (will not be systematically included)
  – Use household questionnaire data to create a variable for tables on women and men (linkage between household and individual interviews)
  – ‘Disability status’ as background characteristic for some indicators (education, employment, SRHR, etc.)

Disability status³
A lot of difficulty or unable to function in at least one domain
Some or no difficulty in all domains
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