Looking for data to publish?

Use data from Africa’s largest learning assessment

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2. About Us

Uwezo is a program of Twaweza East Africa being implemented in Kenya, Uganda and Tanzania. Since 2009, Uwezo has conducted annual surveys to assess the basic competencies of children aged 6–16 (7–16 in Tanzania).

Watch more here: https://www.youtube.com/watch?v=3HHBsGjSY_c

The Sampling Step by Step

We visit all census districts in the three countries. In 2015, we visited a total of 428 districts across the three countries.

30 enumeration areas (villages) are sampled in every district. Method used is probability proportional to size (PPS). Sampling done by the respective national bureau of statistics.

20 households are sampled in every village. Systematic random sampling is used to identify the households to participate in the survey. Sampling is done by the Uwezo district coordinator and/or village coordinator.

1 primary school is surveyed in every sampled village. This is usually the largest primary school in that village.

Watch it here: https://www.youtube.com/watch?v=UEPEBp4Qypc
3. The Data Collection

Two types of data are collected:

1. Data on the *environment* in which children live and the contributory factors of children’s learning outcomes.

2. Data on *actual learning levels of children* aged 6/7–16 years old.

Data collection made possible by:

Data collected at three levels:

- The Households
- The Village level
- The Schools

Watch more here: https://www.youtube.com/watch?v=PqaHVxyXYw8
4. The Data

Uwezo’s 2015 database covers all the districts in Kenya, Tanzania and Uganda. Only Samburu North in Kenya is not included.

### Districts Visited:

<table>
<thead>
<tr>
<th>Country</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kenya</td>
<td>157</td>
</tr>
<tr>
<td>Uganda</td>
<td>112</td>
</tr>
<tr>
<td>Tanzania</td>
<td>159</td>
</tr>
</tbody>
</table>

### Schools

<table>
<thead>
<tr>
<th>Country</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kenya</td>
<td>4,529</td>
</tr>
<tr>
<td>Uganda</td>
<td>3,347</td>
</tr>
<tr>
<td>Tanzania</td>
<td>4,740</td>
</tr>
</tbody>
</table>

### Households Visited

<table>
<thead>
<tr>
<th>Country</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kenya</td>
<td>69,183</td>
</tr>
<tr>
<td>Uganda</td>
<td>51,835</td>
</tr>
<tr>
<td>Tanzania</td>
<td>64,380</td>
</tr>
</tbody>
</table>

### Villages

<table>
<thead>
<tr>
<th>Country</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kenya</td>
<td>4,523</td>
</tr>
<tr>
<td>Uganda</td>
<td>3,347</td>
</tr>
<tr>
<td>Tanzania</td>
<td>4,746</td>
</tr>
</tbody>
</table>

### Children Surveyed

<table>
<thead>
<tr>
<th>Country</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kenya</td>
<td>190,470</td>
</tr>
<tr>
<td>Uganda</td>
<td>164,129</td>
</tr>
<tr>
<td>Tanzania</td>
<td>197,451</td>
</tr>
</tbody>
</table>

We produced a large, clean data set with more than **140 million** data points.

Get the data here:

- [http://www.uwezo.net/publications/datasets/](http://www.uwezo.net/publications/datasets/)
- [https://data.humdata.org/organization/uwezo-at-twaweza-east-africa](https://data.humdata.org/organization/uwezo-at-twaweza-east-africa)

Watch more here: [https://www.youtube.com/watch?v=bgl7c_P3LiU](https://www.youtube.com/watch?v=bgl7c_P3LiU)
5. Village Data

30 villages sampled in every district. Sampling method used is probability proportional to size (PPS).

Data collected by:
Observation and interviews with village leaders.

More than 45 variables collected. Some of the categories include:

- Access/connection to the national grid
- Existence of public utilities and infrastructure e.g. roads, administrative offices, schools, polytechnics, markets and health facilities
- Indicators on public participation such as village meetings—their presence and frequency
- Contribution of different actors (Government, religious organizations, private organizations) to service provision
- Information on adult literacy classes at village level
6. School Data

1 primary school is visited in every sampled village.

**Data collected by:**
Observation, interviewing headteacher and class 2 teacher.

Some of the indicators covered include:
- Enrolment and attendance (for children with and without special needs)
- Staffing (numbers, teaching vs non-teaching staff, employing authority for teachers, etc.)
- Data on discipline (Only for the Uganda data).
- Access to water and health services
- Biodata and profile of class two teacher (age, sex, educational level, years served, etc.)
- Availability of learning materials
- School infrastructure (e.g. presence/absence of administrative blocks, toilets, fences, etc.)
- ICT Readiness
- Learning environments (classroom observation)
7. Household Data

20 households sampled in every village.

Data collected by:
Observation, interviewing household head, testing ALL children between 6/7–16 years in literacy and numeracy.

Two main categories of data:

1. Household indicators

- Family size
- Household head information
- Media preferences
- Type of housing and energy sources
- Asset ownership
- Information on water (access and use) and sanitation

2. Child data

- Literacy and numeracy test data
- Basic info of the mother (age and educational status)
- Schooling status (in/out of school, level, etc.)
- Biodata

Watch more here: https://www.youtube.com/watch?v=22ELrgQ1cC4
8. Frequently Asked Questions

1. Who/what is Uwezo?
A. Uwezo is a program of Twaweza working in Kenya, Uganda and Tanzania. Uwezo conducts an annual survey to assess the basic competencies of children aged 6–16 (7–16 in Tanzania).

2. Who owns the data?
A. The data is owned by Twaweza East Africa but is freely available to use with acknowledgement.

3. Where can I get the data?
A. The data is available online at http://www.uwezo.net/publications/datasets/ and also at https://data.humdata.org/organization/uwezo-at-twaweza-east-africa.

4. Is there anyone to help me make sense of the data?
A. Yes. We have a resident data analyst who will help you navigate our data. Normally, data requests are responded to within three days.

5. Do I get paid for publishing using Uwezo data?
A. No, we do not pay anyone to publish using Uwezo data.

6. Can I publish using this data?
A. Yes you can. The data is of high quality and a lot of rigor has gone into the process. Several papers based on this data have been published in peer reviewed journals.

Some publications based on Uwezo Data:


