VectorLink Collect:
Using the DHIS 2 platform to standardize data collection and reporting for IRS

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Standardized data lead to improved project monitoring and informed decision making.
What is DHIS 2 and VectorLink Collect?

The District Health Information Software 2 is an open-source software platform for data entry, analysis, and dissemination. It is currently being used in over 60 countries. It can be used off-the-shelf or can be fully customized and, as a software, is not limited to a specific type of data.

VectorLink Collect is the standardized project database that will house all project IRS and entomology data.
DHIS 2 for IRS

**Continuous:**
VectorLink Collect builds on the current database and data collection and entry practices, minimizing interruptions

**Simple:**
Fewer opportunities for failure on a cloud-based system with fewer component parts

**Robust:**
Once configured to country specifications, it does not need to be rebuilt for each annual campaign

**Dynamic:**
Real-time data visualization is user-driven and can be user-specific without compromising data integrity

**Interoperable:**
DHIS 2-based systems can “talk to” other DHIS 2-based systems and a handful of non-DHIS 2 systems

**Sustainable:**
All PMI-focus countries have at least a pilot instance of a DHIS 2-based system
DHIS 2 for Entomological Monitoring

Data Focus Areas:
1. Insecticide resistance
2. Insecticide residual life and LLIN Insecticidal Activity
3. Vector Bionomics

Continuous:
Builds on standardized entomology data collection forms to minimize interruptions to data analyses

Dynamic:
Real-time data visualization is user-driven and can be user-specific without compromising data integrity

Aligned Configuration:
VectorLink Collect’s ento module is being configured in alignment with WHO ento module

Phased
• Y1 (2018):
  • Configuration complete
  • Legacy data migration begins
• Y2 (2019):
  • Testing, iteration
  • Pilot countries data entry
  • Legacy data migration continues
  • Ongoing rolling implementation
Final Spray and Mobilization Data for the 2018 IRS Campaign in Nkhotakota District, Malawi. The IRS campaign ran for 32 operational days, from October 2 - November 7, 2018.
VectorLink Collect Dashboard Example

MW Reasons Not Sprayed 2018 Campaign

<table>
<thead>
<tr>
<th>Reason</th>
<th>Number</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Denied/Refused</td>
<td>1853</td>
<td>30.0%</td>
</tr>
<tr>
<td>Sick</td>
<td>831</td>
<td>13.5%</td>
</tr>
<tr>
<td>Other-</td>
<td>978</td>
<td>15.8%</td>
</tr>
<tr>
<td>Locked</td>
<td>804</td>
<td>13.9%</td>
</tr>
<tr>
<td>Funeral</td>
<td>100</td>
<td>1.6%</td>
</tr>
<tr>
<td>Allergy</td>
<td>270</td>
<td>4.4%</td>
</tr>
<tr>
<td>Nobody at home</td>
<td>1335</td>
<td>21.6%</td>
</tr>
</tbody>
</table>
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