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- Content
- RHIS Profiles
- RHIS inventory of technical documents
- Comparison Tables
- Types of users

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- Downloading RHIS profiles & inventory documents
- Searching profiles and inventory
- Generating comparison tables

## Content updates
- Editing existing profiles
- Creating new profiles
- Adding to the inventory
Overview
Overview

Malaria data collected by routine health information systems (RHIS) are critical for malaria programs in all transmission settings to track progress, assess whether interventions are implemented as planned, measure achievement, and guide implementation.

The Malaria and Health Information System Online Portal houses RHIS architecture profiles and an inventory of supporting documents for PMI countries, to support cross-learning and RHIS system strengthening among President’s Malaria Initiative (PMI) countries.
Portal Content

1. RHIS profiles
2. RHIS Inventory of technical documents
3. Comparison Tables
RHIS Profile

Each profile provides a snapshot of RHIS and integrated disease surveillance and response (IDSR) systems which collect malaria data in each country.

Go to Country Files page to access RHIS profiles.
Table 2: Key Malaria Indicators by System

<table>
<thead>
<tr>
<th>Indicator</th>
<th>RHIS</th>
<th>DSSR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of suspected malaria cases</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td><em>Treated</em> (diagnosed)</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>Diagnostically confirmed (positive)</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Clinical diagnosis/unconfirmed</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Onset/Onset (confirmed)</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>Uncomplicated/severe</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>Age categories (&lt;5, 5-14, &gt;14)</td>
<td>N/N</td>
<td>N/N</td>
</tr>
<tr>
<td>Prevalent cases</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>N/V</td>
<td>Y/N</td>
<td>N/N</td>
</tr>
<tr>
<td>Comodities* (Availability or stock/Consumption)</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>ACT(6, 14, 24G)</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Severe malaria treatment</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>SF/GP</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>WIPY/1/14</td>
<td>N/N</td>
<td>N/N</td>
</tr>
<tr>
<td>Competiveness of reporting</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

*Comodities and consumption data are captured in the DSSR.

Data Quality Activities

Routine data quality reviews and audits: Malaria data quality is the responsibility of the National Malaria Control Program (NMCP) and the Ministry of Health, MoH, which is responsible for all data quality reviews and audits. This includes reviewing the quality of data collected and ensuring that the data is complete, accurate, and timely. The MNCH MoH also reviews the quality of data collected and ensures that the data is complete, accurate, and timely. The MNCH MoH also reviews the quality of data collected and ensures that the data is complete, accurate, and timely.

Supervision: The National Malaria Control Program (NMCP) provides supervision to the health facilities, including the integrated case management (ICM) program. Supervision is conducted on a monthly basis, and includes reviewing the quality of data collected and ensuring that the data is complete, accurate, and timely.

Monthly or quarterly malaria bulletins: The NMCP MoH publishes quarterly malaria bulletins, which provide an overview of the quality of data collected and the effectiveness of malaria control activities. The bulletin includes information on the number of cases reported, the number of cases treated, and the number of cases confirmed as malaria.

Data availability: The NMCP MoH provides access to national and community-level data on malaria cases, including the number of cases reported, the number of cases confirmed as malaria, and the number of cases treated. The data is available on the NMCP MoH website and through the NMCP MoH data portal.

Data use: The NMCP MoH uses the data collected to monitor the effectiveness of malaria control activities and to identify areas where additional support is needed. The data is also used to identify trends in malaria cases and to inform policy decisions.
Recent updates

Please use this space to note any changes to routine reporting in response to gaps identified from the previous versions of the RHIS profile. This may include initiatives to address data quality, reporting structures and timeliness of reporting, or supervision.

Examples:

- Expansion of RHIS geographic coverage
- Adoption or discontinued use of reports
- Update to supervision efforts and priorities
Technical resources specific to a country’s health information systems that collect malaria data, including policy and strategy documents, reporting tools, protocol, manuals.

**Country RHIS Profiles**

Country routine health information system (RHIS) profiles provide a snapshot of RHIS and integrated disease surveillance and response (IDSR) systems which collect malaria data in each country.

Search and download country profiles on the Country Files page.

**Country RHIS Inventory Files**

Country RHIS inventory files are technical resources specific to a country’s HIS systems that collect malaria data. These include policy and strategy documents, reporting tools, protocol, manuals, and other relevant documents provided by the country and key stakeholders.

The inventory of technical resources for each country can be accessed and downloaded from the Country Files page.

**Comparison Tables**

Profiles are organized into four primary sections:

1. RHIS structural overview
2. Table of key malaria indicators captured by each system
3. Overview of data quality activities
4. Briefing of additional context

Each section has sub-topics that can be searched and sorted by running comparison tables.

Select topics for comparison and run comparison tables by country and year on the Comparison Tables page.

Go to **Country Files** page to access Inventory of technical documents.
Comparison Tables

Users can compare profiles by country and year, and export comparison tables to Excel.

Go to Comparison Tables page to access Comparison Tables.
Users

• General users (public)
• Administrators
• Editors
General users (public) can view and download country profiles, comparison reports, and inventory files. No login credentials needed – simply click on the hyperlinks on the login page.

- Download Country Profiles
- Download Country Inventory Files
- Run Comparison Reports
Administrators can update existing profiles, create new profiles, and upload new inventory documents.

Require login credentials

Edits and updates made to RHIS profiles by administrators require review by the editor; editors approve and publish profiles.
Editors manage the site and approve content.

Editors unlock profile forms for administrators to modify and approve changes for publication to general users.
Downloading RHIS profiles and inventory documents

Go to the Country Files page

Welcome

Country RHIS Profiles

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Select topics for comparison and run comparison tables by country and year on the [Comparison Tables page](#).
Select and download files of interest.
Searching RHIS profiles and inventory documents

Malaria & Health Information System Online Portal

Country Files
Use the dropdown list to select a country, then click the Download button in the Country Profile table to download the country's profile, or click the Download button in the Country Inventory table to download the country's inventory file(s).

Country:
- All Countries

Country RHIS Profiles

<table>
<thead>
<tr>
<th>Country</th>
<th>File Name</th>
<th>Download</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angola January 2018</td>
<td>RHIS for Liberia_2019.pdf</td>
<td>Download</td>
</tr>
<tr>
<td>Ghana February 2018</td>
<td>ANC register.pdf</td>
<td>Download</td>
</tr>
<tr>
<td>Ghana January 2018</td>
<td>Ghana_MalariaProfile_20190626-174432.pdf</td>
<td>Download</td>
</tr>
</tbody>
</table>

Showing 1 to 3 of 3 entries

Search profiles and inventory documents using the drop-down bar or the search bar

Country Inventory

<table>
<thead>
<tr>
<th>Country</th>
<th>File Name</th>
<th>Download</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angola</td>
<td>ANG_201 - testing.pdf</td>
<td>Download</td>
</tr>
<tr>
<td>Angola</td>
<td>ANG_201 - test.pdf</td>
<td>Download</td>
</tr>
<tr>
<td>Cameroon</td>
<td>CAM-205.2 Monthly Progress Report of Medicalized Health Centres (MHC), District Hospitals (DH), and Others French.pdf</td>
<td>Download</td>
</tr>
</tbody>
</table>
Generating Comparison Tables

Go the *Comparison Table* page

Malaria & Health Information System Online Portal

Welcome

**Country RHIS Profiles**

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Select topics for comparison and run comparison tables by country and year on the [Comparison Tables page](#).
Generating Comparison Tables

Check the boxes of the sections you want to compare across profiles.

Check the boxes to select the country and year of RHIS profiles to compare.

Click **Go to Comparison Table** to generate downloadable table.
Generating Comparison Tables

To export the Comparison Table to Excel, click **Get Excel Report**

To go back and reselect options, click **Go Back**

### Comparison Table

<table>
<thead>
<tr>
<th>Variable Name</th>
<th>Angola 1-2018</th>
<th>Angola 12-2018</th>
<th>Angola 3-2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acronym in HMIS</td>
<td>hmis</td>
<td>hmis</td>
<td>hmis</td>
</tr>
<tr>
<td>Acronym in MIS</td>
<td>MIS</td>
<td>MIS</td>
<td>MIS</td>
</tr>
<tr>
<td>Acronym in IDSR</td>
<td>IDS</td>
<td>IDS</td>
<td>IDS</td>
</tr>
<tr>
<td>When started in HMIS</td>
<td>Today</td>
<td>Today</td>
<td>Today</td>
</tr>
<tr>
<td>Scale-up status in HMIS</td>
<td>Done</td>
<td>Done</td>
<td>Done</td>
</tr>
<tr>
<td>When started in MIS</td>
<td>This</td>
<td>This</td>
<td>This</td>
</tr>
<tr>
<td>Scale-up status in MIS</td>
<td>Ips</td>
<td>Ips</td>
<td>Ips</td>
</tr>
<tr>
<td>When started in IDSR</td>
<td>Yesterday</td>
<td>Yesterday</td>
<td>Yesterday</td>
</tr>
<tr>
<td>Scale-up status in IDSR</td>
<td>Some thing</td>
<td>Some thing</td>
<td>Some thing</td>
</tr>
<tr>
<td>National reporting format/Platform in HMIS</td>
<td>Mobile phone reporting</td>
<td>Mobile phone reporting</td>
<td>Mobile phone reporting</td>
</tr>
<tr>
<td>National specify other format in HMIS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>National managed by HMIS</td>
<td>This is managed by us</td>
<td>This is managed by us</td>
<td>This is managed by us</td>
</tr>
<tr>
<td>National dissemination in HMIS</td>
<td>Online</td>
<td>Online</td>
<td>Online</td>
</tr>
<tr>
<td>National key tasks in HMIS</td>
<td>Key task1</td>
<td>Key task1</td>
<td>Key task1</td>
</tr>
<tr>
<td>National reporting format/Platform in MIS</td>
<td>Excel</td>
<td>Excel</td>
<td>Excel</td>
</tr>
<tr>
<td>National specify other format in MIS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>National managed by MIS</td>
<td>We do</td>
<td>We do</td>
<td>We do</td>
</tr>
<tr>
<td>National dissemination in MIS</td>
<td>Online</td>
<td>Online</td>
<td>Online</td>
</tr>
</tbody>
</table>
Malaria & Health
Information System
Online Portal

Content Updates
Steps for editing EXISTING profiles

Step 1: Editor unlocks profile for editing
Step 2: Administrator reviews data and updates profile
Step 3: Editor reviews updates and provides feedback using comments
Step 4: Administrator incorporates feedback
Step 5: Repeat Step 3 and 4 until editor accepts final changes
Step 6: Editor accepts and locks the revised profile
Step 7: Editor downloads the new profile and uploads it to the portal for general user viewability
Editing RHIS profiles

Administrators can update existing profiles or create new ones.

Accepted RHIS Profiles are locked and viewable by selecting the **Review Only** button.

In Progress RHIS Profiles can be edited by selecting the **Review/Edit** button.
RHIS Structural overview

To progress to the next page, click **Continue** at the bottom of the page.

Use the **Data Collection** tab to navigate to different sections of the profile.

Input data using the drop-down and free text boxes.
**Key Malaria Indicators by System**

To progress to the next page, click **Continue** at the bottom of the page.

To go back to the previous page, click **Go Back** at the bottom of the page.

Click **Yes** or **NO** to indicate whether the indicator is captured in each system.

<table>
<thead>
<tr>
<th>Indicator</th>
<th>HMIS</th>
<th>MIS</th>
<th>IDSR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suspect or Fever</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Tested (diagnostically)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Diagnostically confirmed (positive)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Clinical or Presumed or Unconfirmed</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Outpatient</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Radio selections can be cleared by clicking the undo button:**

- Angola – March 2019
- Key Malaria Indicators by System
- Indicate Yes or No for each reporting element captured by the system.
- For all indicators listed in the table, indicate Yes if the specific disaggregation is captured by the system; otherwise, select No. For example, some systems may report outpatient and inpatient cases (Yes), but not uncomplicated and severe cases (No). Some may not include suspect cases.
- Click Yes or NO to indicate whether the indicator is captured in each system.
Overview of Data Quality Activities

Enter text in each section. Provide as much detail as possible and spell out acronyms.

Malaria & Health Information System Online Portal

<table>
<thead>
<tr>
<th>Data Quality Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Routine data quality reviews/audits</strong>&lt;br&gt;What DOA activities (if any) have been done in the past, or are done regularly for each system? Describe supportive supervision (frequency, who does it, who funds it, etc.). Any regular review meetings held?</td>
</tr>
</tbody>
</table>

| **Monthly or quarterly malaria bulletin**<br>Are any bulletins published/disseminated? For which system? Date of last bulletin? Annual statistics reports? Date of last report? |

| **Data availability**<br>For each system, does NMCP have direct access to data? Do district-level focal points have access? Do key partners have access? Describe access (e.g., via web-based portal, emailing database). |

| **Data use**<br>How are data from these systems used? By NMCP? Others? (e.g., commodity forecasting/distribution, grants/reprioritization, planning). What is the lowest level at which data are routinely analyzed? |

To go back to the previous page, click **Go Back** at the bottom of the page

To progress to the next page, click **Continue** at the bottom of the page
Additional Context

Please use this space to provide any additional useful context, some suggestions are, but not limited to:

- Important accomplishments or progress in recent past
- Key challenges or bottlenecks
- Principal partners, donors, stakeholders involved
- Priorities for system strengthening
- Plans for integration or phasing out of any particular system?
- Inclusion of community level (e.g., CHW) or private sector reporting?
- Existence/status of a national malaria surveillance strategy? (as stand-alone doc or part of national strategy)

Enter text. Spell out acronyms.
Complete and Submit RHIS Profile

Once complete, the profile goes to the Editor for review.

Malaria & Health Information System Online Portal

DATA COLLECTION  ADMIN  UPLOADS/DOWNLOADS  LOGOUT

RHIS Profile Status

Thank You for Entering Profile Data for Angola - March 2019

Your data is now ready to be reviewed before it is published. Please notify the editor that the data is ready to be reviewed.

Click Go Back to make any updates or changes, or browse the Inventory or Downloads sections.

Go Back
Editors will provide feedback to Administrators if profiles require revision prior to publishing.

Editors will share feedback and make requests for revisions to the administrator in the comments. There are comment sections in each section of the profile. The comments for the data quality activities section is show here.
The administrator needs to contact the editor to indicate feedback has been addressed.

The Editor will review the changes. Once approved, the Editor will then lock and publish the profile.
Steps for creating NEW profiles

Step 1: Administrator **Adds a New Profile** which will use the latest profile from that country as a template for the new profile

Step 2: Administrator makes revisions for the new profile

Step 3: Editor will review updates and provide feedback

Step 4: Administrator incorporates feedback

Step 5: Repeat Step 3 and 4 until editor accepts final changes

Step 6: Editor accepts and locks the revised profile

Step 7: Editor downloads the new profile and uploads it to the portal for general user viewability
Creating a new RHIS profile

New profiles auto populate with the most recent profile’s information; this information is editable.

When creating a new profile, select the current date.

Then click **Add New Profile**.

Since all profiles have been Accepted, a new profile can be created.
RHIS Structural overview

To progress to the next page, click Continue at the bottom of the page.

Use the Data Collection tab to navigate to different sections of the profile.

Input data using the drop-down and free text boxes.
Click Yes or NO to indicate whether the indicator is captured in each system.

To go back to the previous page, click Go Back at the bottom of the page.

To progress to the next page, click Continue at the bottom of the page.
## Overview of Data Quality Activities

### Data Quality Activities

#### Routine data quality reviews/audits
What DOA activities (if any) have been done in the past, or are done regularly for each system? Describe supportive supervision (frequency, who does it, who funds it, etc.). Any regular review meetings held?

<table>
<thead>
<tr>
<th>DOA activities</th>
<th>Supportive supervision (frequency, who does it, who funds it)</th>
<th>Regular review meetings held</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Monthly or quarterly malaria bulletin
Are any bulletins published/disseminated? For which system? Date of last bulletin? Annual statistics reports? Date of last report?

<table>
<thead>
<tr>
<th>System</th>
<th>Date of last bulletin</th>
<th>Annual statistics reports</th>
<th>Date of last report</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Data availability
For each system, does NMCP have direct access to data? Do district-level focal points have access? Do key partners have access? Describe access (e.g., via web-based portal, emailing database).

<table>
<thead>
<tr>
<th>System</th>
<th>NMCP access</th>
<th>District access</th>
<th>Key partner access</th>
<th>Access description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Data use
How are data from these systems used? By NMCP? Others? (e.g., commodity forecasting/distribution, grants/reporting, targeting interventions). What is the lowest level at which data are routinely analyzed?

<table>
<thead>
<tr>
<th>Systems used</th>
<th>NMCP? Others? (e.g., commodity forecasting/distribution, grants/reporting, targeting interventions)</th>
<th>Lowest level of routine analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

Enter text in each section. Provide as much detail as possible and spell out acronyms.

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To progress to the next page, click **Continue** at the bottom of the page.
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Enter text. Spell out acronyms.

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To progress to the next page, click Continue at the bottom of the page
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The Editor will review the changes. Once approved, the Editor will then lock and publish the profile.

Editor contact information can be found in the footer.
Updating RHIS inventory

Upload technical documents to the portal

For help with the website, please contact Michael Paula at michael.paula@icf.com

Contact Us

Reload the image to see the full text.
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www.measureevaluation.org