ASLM
AFRICAN SOCIETY FOR LABORATORY MEDICINE

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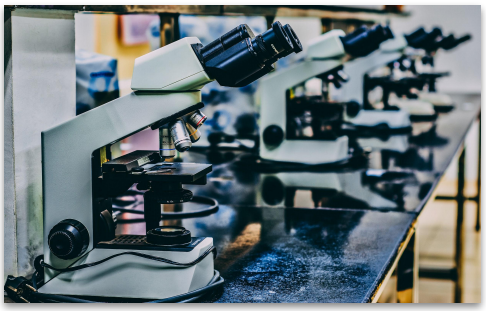


AFRICA LABORATORY MAPPING PROGRAM

Advancing diagnostic capabilities through optimization of laboratory networks

Why Laboratory Mapping?

- ✓ Improve functionality of national and regional laboratory networks by mutualizing existing resources
- ✓ Increase diagnostic testing capacity and surveillance coverage of laboratory networks
- ✓ Prepare for and respond to disease outbreaks



Providing Tools for Mapping Laboratory Capacity

Mapping Building Blocks: For Laboratory Managers, Planners and Policy Makers

Data Collection Tools
Templated digital forms and tools for assessing laboratories

Laboratory Registries
Manage, update, share and visualize the data

Analysis and Planning Tools
Report data and simulate optimized laboratory networks

Who Should Join

- ✓ Managers and supporters of laboratories
- ✓ Stakeholders willing to share laboratory inventories and data to inform health interventions
- ✓ Those needing tools for planning laboratory networks and systems

Get Involved

Contact us for a consultation

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Join the Mapping Program to Access:

1. Digital Forms

Template forms make data collection as easy as possible and are supported on many widely used mobile devices. Current forms include:

1) SLIPTA checklist
2) Laboratory Capacity Assessment Checklist

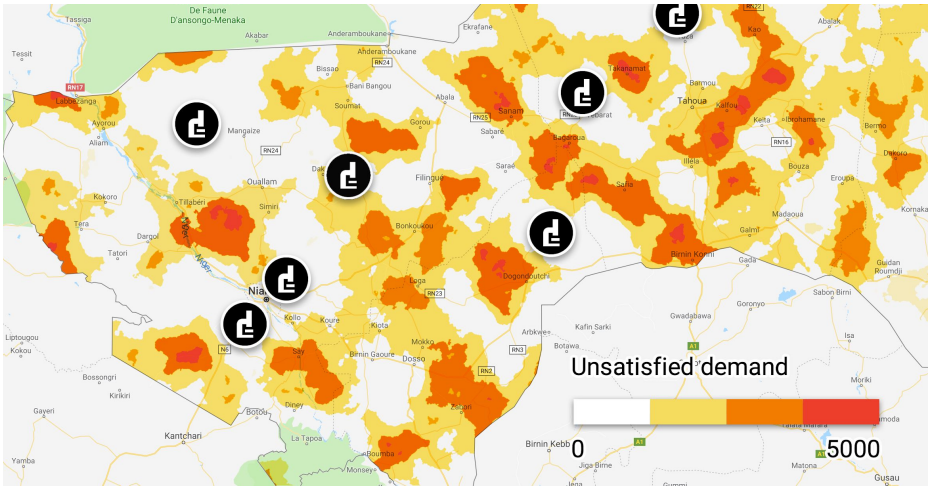
2. Resource Map

Once data are available or collected, ASLM also provides a laboratory registry to manage, update, share and visualize the data. This includes:

1) Registry designer and administrative functionality
2) Website to maintain data over time
3) Public portals for sharing data
4) APIs, .CSV Downloads, and Audit Tracking

3. Planwise - A Geospatial Planning Tool

Using Data to Place Laboratory Capacity Where it is Needed



Planwise is open-source software that helps planners determine the most impactful location to add a new service, complete a training, or purchase equipment. Planwise was developed using industry best practices in geospatial modeling and optimization. PlanWise allows you to:

- Determine the catchment area of laboratory facilities in your network, based on population demographics and travel times
- Compare the most impactful ways to increase the coverage and quality of diagnostic services through the laboratory network and make smarter decisions about resource allocation
- Evaluate the projected cost to scale-up a new diagnostic test or service

About the role of ASLM

ASLM's role in the laboratory mapping program is to propose solutions for the standardized collection, storage and analysis of geo-located data on laboratory capacity, and to support the establishment of public and country portals in accordance with national requirements for data sharing.