

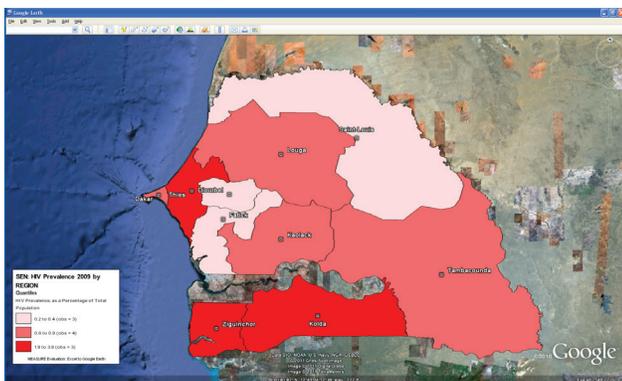
MEASURE Evaluation's Use of Geospatial Tools

MEASURE Evaluation promotes the use of spatial tools and data to help with monitoring and evaluation (M&E). Tools such as geographic information systems (GIS) can support M&E via their ability to link data and to produce data products, such as maps. We seek to build capacity in the use of spatial data and tools through trainings, workshops, and technical assistance. The following are just *some* of the ways in which MEASURE Evaluation uses spatial tools:

1 E2G Tool

A free, easy to use tool that lets users produce shareable maps using their own data. Version 2 is now available and provides increased functionality as well as sub-national boundary files for forty different countries. The tool, available for free on the MEASURE Evaluation Web site, helps guide users step-by-step in transforming their own Excel spreadsheet data into colored thematic maps in Google Earth:

<http://www.cpc.unc.edu/measure/e2g>



2 PEPFAR eLearning Course

MEASURE Evaluation, with input from global experts from a number of different backgrounds, led the development of an online course which has recently been published as part of the Global Health eLearning curriculum. The course is intended to take approximately three hours to complete and provides an introduction to geographic data schemas and data collection strategies, reviews types of mapping software and geographic data presentation and analysis possibilities, and provides a representative set of case studies: <http://www.globalhealthlearning.org>

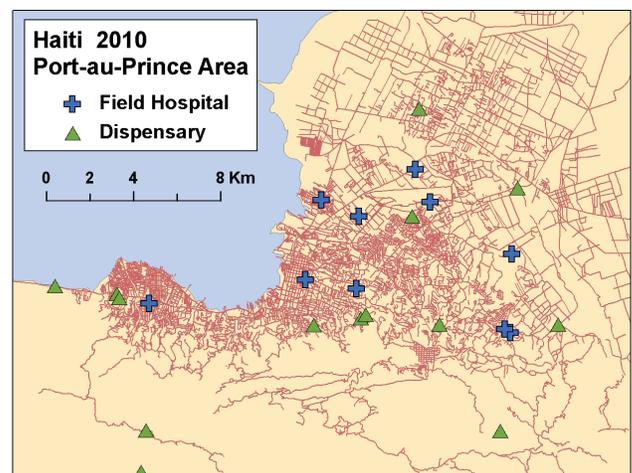
Global Health  Learning Center

3 MEASURE Evaluation Trainings and Workshops on Spatial Data and Tools

Workshops have been conducted with our regional training partners and directly for key stakeholders in the countries where we work. Participants have been guided in methods of data collection, formatting, and mapping using their own in-country data. MEASURE has also produced a series of one-page documents reviewing and containing useful links to free and open source software choices and online GIS introductory courses.

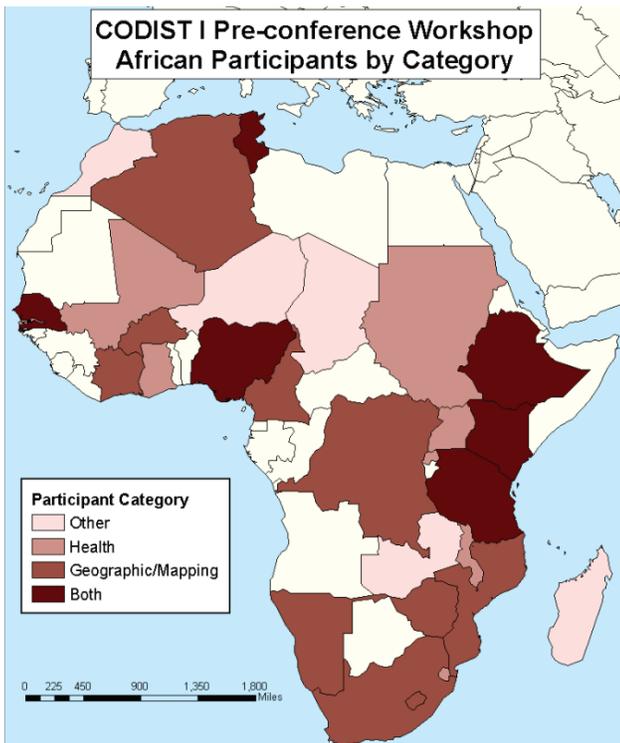
4 Global Leadership in Spatial Data and Methods

MEASURE Evaluation, in partnership with others, has played a key role in development of global standards for use of spatial data and tools such as *The Signature Domain and Geographic Coordinates: A Standardized Approach for Uniquely Identifying a Health Facility*. Available on the project Web site are publications and reference documents to assist with use of spatial techniques and tools such as GIS analysis and GPS data collection.



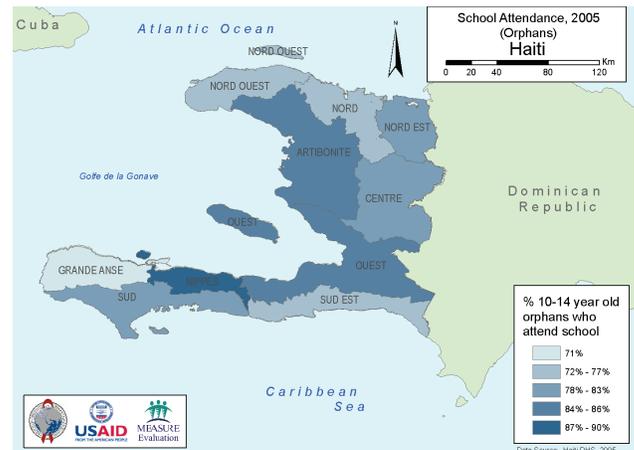
5 Bringing Together Health Sector and Mapping Sector in Countries

MEASURE Evaluation with UNAIDS and the UN Economic Commission for Africa (UNECA) held a workshop at the 2009 CODIST (Committee on Development Information, Science and Technology) meeting “Enlisting National Mapping Agencies in the Fight Against HIV/AIDS”. The workshop built partnerships with Ministries of Health and Social Services, National AIDS Commissions and National Mapping Agencies and drew participants from 29 African countries. The workshop confirmed the importance of forging networks and partnerships and found that maintaining such linkages would require national-level leadership. It was decided that public health in a larger sense (not just HIV/AIDS issues) could work as an effective driver of national spatial data infrastructures. As a result of the workshop, the United Nations Economic Commission for Africa approved resolutions that bound member states to include key health sector players in the development of national spatial data infrastructures.



6 OVC Mapping Activity

Programs serving orphans and vulnerable children (OVC) are spread across many sectors, such as health, education and economic empowerment. MEASURE Evaluation has used the spatial context to link data from OVC stakeholders to support M&E of OVC efforts strengthen the OVC data infrastructure and to inform program planning.



7 Health System Strengthening Work in Multiple Countries

MEASURE Evaluation has provided technical assistance on the use of spatial tools and data to many national government ministries and USG partners. Our work focuses on building sustainable local capacity through training, implementation of suitable tools, and improvement of data collection and data utilization.

For More Information

There is a geography to all human activities. To learn more about the ways MEASURE Evaluation has used geographic context and tools to improve M&E, please contact:

John Spencer
Senior GIS Technical Specialist
919.966.1721
john_spencer@unc.edu