

Nigeria Health and Mapping Summit

October 18 – 19, 2011

Brief Overview

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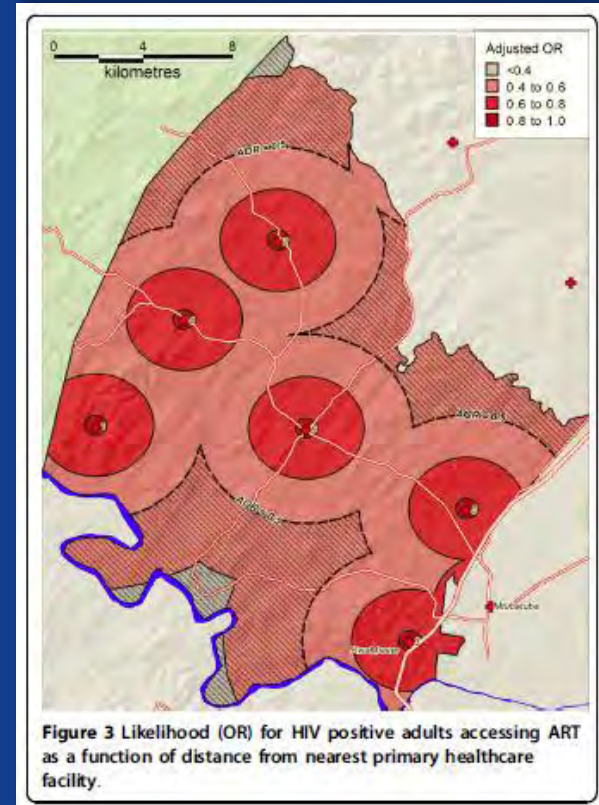
Value of GIS and Mapping for Provision of Health Services

- Allows targeting of populations in need
- Helps decision makers see data patterns (picture worth 1,000 words)
- Facilitates better questions



Value of GIS and Mapping for Provision of Health Services

- Improves data quality
- Allows spatial analysis of data, such as measuring access to ART



Source: Cooke et al. BMC Public Health 2010, 10:585
<http://www.biomedcentral.com/1471-2458/10/585>



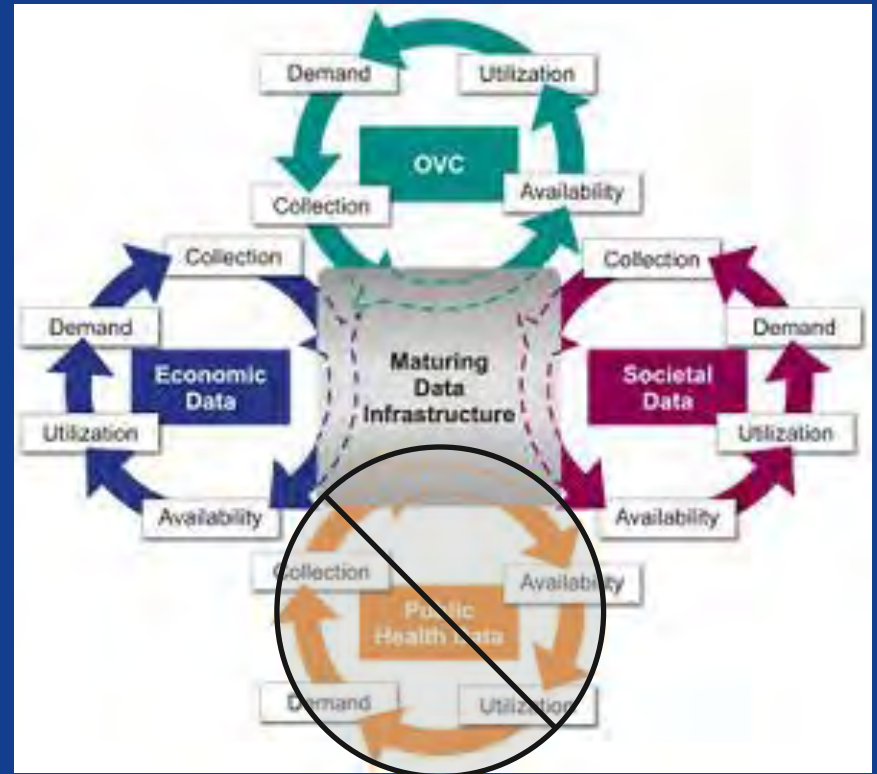
Value of GIS and Mapping for Strengthening Data Infrastructure

- Permits linking of data from multiple sectors using common geographic identifiers
- Strengthens the National Geospatial Data Infrastructure (NGDI)



Need for Health and Mapping Summit

- Health Sector has received less focus than others (e.g., agriculture, natural resources) when defining GIS needs
- Health Sector can contribute to NGDI



Need for Health and Mapping Summit

- National mapping agencies (NMAs) have GIS data and technical expertise
- Collaboration can harmonize GIS data collection and capacity building efforts in Nigeria



Source: Dongus et al. 2007. International Journal of Health Geographics 6:37.



CODIST I Pre-conference Workshop in Ethiopia, 2009

- First-of-its-kind meeting in Africa
- Nigeria group work
 - 14 participants from health and mapping sectors
 - Saw need for national meeting to collaborate



Nigeria Health & Mapping Summit

Improving Health Outcomes

- October 18–19, 2011 in Abuja
- Hosts:
 - Federal Ministry of Health
 - National Space Research and Development Agency
 - National Population Commission
 - Office of the Surveyor General of the Federation
 - MEASURE Evaluation, which is funded by USAID



Objectives of the Summit

- **Facilitate cooperation** between Nigeria's health and mapping sectors in the fight against HIV/AIDS and related health and social service challenges
- **Increase awareness and sharing** of geospatial resources within Nigeria to enhance decision making for health sector programs
- **Identify challenges** to development of the NGDI and **create an action plan** to help address them



Anticipated Outcomes

- Increased cooperation among health and mapping sectors
- Improved health outcomes
- Summit process documented as a model for other countries



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