DHIS 2 Opportunities

Combining Health Systems Information with Contextual Measures

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DHIS 2

- DHIS 2 is an open source software platform for reporting, analysis and dissemination of data for health programs
- Field tested for more than 15 years
- Used in more than 48 countries around the world
- ICAP’s preferred database solution
Where ICAP works
ICAP experience with DHIS 2

• Supports Ministries of Health in Lesotho, Cameroon, and Mali in developing and implementing DHIS health information systems

• Currently manages seven DHIS instances used by our country offices for HIV Monitoring and Evaluation

• In the process of shifting our multi-country ICAP aggregate database to the DHIS 2 platform
Case Study: Lesotho

FACILITY LEVEL
Health Facilities & Hospitals
- Maternal Child Health, Epidemiology and Family Planning
- Communicable diseases and NCDS
- Tuberculosis (TB)
- HIV Care and Treatment
- HIV Testing & Counselling
- Notifiable Diseases

MONTHLY PAPER FACILITY REPORTS

DISTRICT LEVEL
District Health Management Team (DHMT)
- Monthly Paper Facility Reports
- Quarterly Paper Facility Reports

NATIONAL LEVEL
Ministerial Departments
- Family Health Department
- Health Planning and Statistics
- National TB Program
- STI, HIV and AIDS Programme (SHAP)
- International Health

DHIS2
DHIS 2’s organization makes data integration “easy”

• DHIS2 can easily group health facilities into geographic regions (e.g., district, region, province)
  – Geocodes enable mapping of summary indicators across these geographic divisions

• Environmental or climate parameters corresponding to the same geographic regions can then be added

• Open-source community has developed many tools for translation and import of distinct database structures into DHIS 2
Data Visualization using DHIS 2
DHIS 2 is a tool, not a solution

• Many country health programs use it as their “backbone” for Health Management Information

• Easy interface with a host of advanced analytics, mapping, and data visualization options using Application Program Interfaces (APIs)

• Applicability to environment-health assessments dependent on data collected in both domains