MEASURE Evaluation
Health Information System Strengthening Model

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MEASURE Evaluation
Improving Routine Data for Child Health Conference
September 2017
HIS Strengthening Model Overview

• Articulates the project’s current understanding of health information system (HIS) strengthening

• Guides ongoing learning on how HIS in low- and middle-income countries (LMICs) are designed, developed, and implemented to support health systems and to improve health outcomes

• Focus is on HIS strengthening at the country level

• The model can guide countries in assessment, planning, and improving HIS
Contextual Factors and the Human Element

Contextual Factors:
- Health Equity (including gender)
- Donors
- Global Initiative
- Availability of Public Utilities
- Civil/Political Unrest
- Devolution
- Privatization
- Disease Outbreaks
- Socioeconomic Status
- Natural Disasters

The Human Element:
- Data producers
- Data users
- His managers
- Healthcare providers
- Clients
- Decision makers
Improving Routine Data for Child Health

Africa Regional Conference: Birchwood Conference Centre

Mbulelo Cabuko: Director NHIS
20 September 2017
## HIS Governance and Leadership

- National Health Act
- National Development Plan: Health
- National Strategic Plan for Health
- National Health Insurance Policy
- National Health Council – Technical Advisory Committee
- Health Data Advisory and Coordination Committee
- Ministerial Advisory Committee on eHealth
- National and Provincial HIS Committees
- District HMIS Policy; eHealth Strategy
- Health Normative Standards Framework
- National Indicator Data Set (NIDS)
- Partnerships: Aid Effectiveness Framework for Health

## HIS Management

- Annual Performance Plan
- State Information Technology Agency (infrastructure)
- Regional Training Centres
<table>
<thead>
<tr>
<th>Data Sources</th>
<th>Data Management</th>
<th>Information Products and Dissemination</th>
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</thead>
<tbody>
<tr>
<td>- Population: Census, SADHS2016, CRVS</td>
<td>- District HMIS Policy SOPs for all levels</td>
<td>- Annual Report published on health.gov.za</td>
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<td>- Institution: Routine and Patient –linked data</td>
<td>- Auditor General of South Africa Annual Performance Information Audits</td>
<td>- Quarterly data quality dashboards</td>
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<td>- Planning: HRH, Quarterly Performance Report</td>
<td>- Supportive supervision procedures</td>
<td>- Quarterly data reviews</td>
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<td>- National Health Research Observatory</td>
<td>- Quarterly National Health Information Systems Committee meeting</td>
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<td>Data Quality</td>
<td>Routine Data that meets the data quality dimensions of the South Africa Statistical Quality Assurance Framework for official statistics</td>
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<td>Data Use</td>
<td>Framework for development and quarterly monitoring of the Annual Performance Plans (APPs) and the Operational Plans of the National Department of Health</td>
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HIS provide data to inform:

- A long and health life for all South Africans
- National Development Plan
- Universal Health Coverage (SDGs)
MEASURE Evaluation is funded by the U.S. Agency for International Development (USAID) under terms of Cooperative Agreement AID-OAA-L-14-00004 and implemented by the Carolina Population Center, University of North Carolina at Chapel Hill in partnership with ICF International, John Snow, Inc., Management Sciences for Health, Palladium Group, and Tulane University. The views expressed in this presentation do not necessarily reflect the views of USAID or the United States government.

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