CHAMPS- South Africa Data to Action

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On behalf of the CHAMPS SA Team



CHAMPS Site South Africa

- Site at Chris Hani Baragwanath Hospital
- Largest academic hospital in Africa









CHAMPS MITS Journey





Gather other information around terminal state to improve context for

Clinical Data

Microbiology, Real-Time PCR **Analysis**



Analyze tissues to understand pathogens associated with cellular changes; compare central and site findings

Local & Central

Histopath **Analysis**

DeCoDe **Panel**



Review all findings and assign cause of death

Data to Action



Help inform a range of policies and public health actions to reduce child mortality

Surveillance **HDSS Behavioral**



Social

Understand acceptability of proposed processes population and

Identify MITS eligible deaths and collect additional data to provide total mortality rate

Mortality and

Pregnancy

Collect tissue and non-tissue specimens for further laboratory analysis

Specimen

DeCoDe panel





Background Information

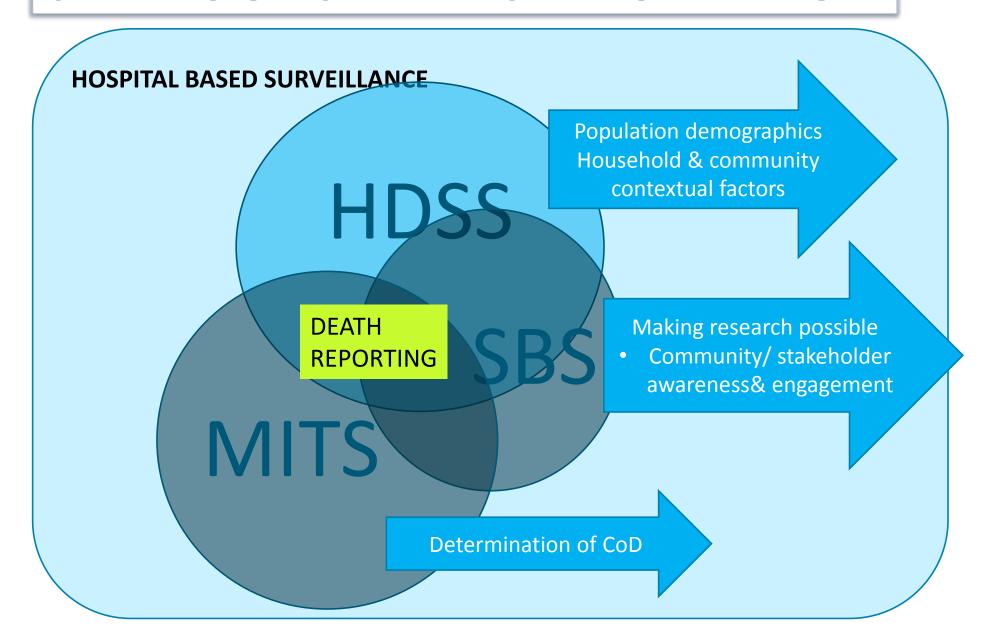
Governance

- Paediatrician neonatal ICU/ Head of Department Paediatrics
- Obstetrician District Health Team
- Head of Department Obstetrics Hospital
- Advisor to Ministry of Health Epidemiologist
- Specialist in the Child and Youth Health Directorate in the MOH
- Paediatrician Ministerial Committee on Child Morbidity and Mortality
- Representatives NICD / PHI surveillance and public health

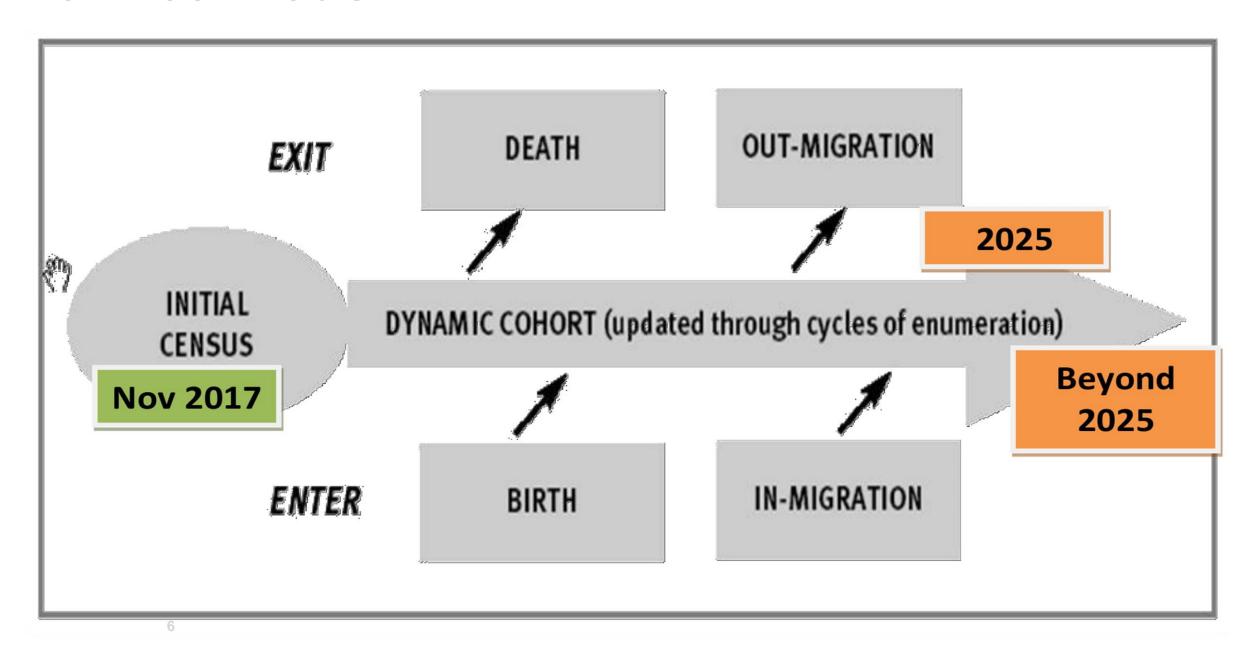
Data to action

- through multiple stakeholder engagement
- NPHI's/ MOH/ Communities / Traditional leaders/ Schools
- multiple levels
- aimed at common purpose : prevention, evidence based interventions

CHAMPS SA OPERATIONAL STREAMS



SHDSS Model



Data to Action

- 1. Placenta collection for all stillbirths, low birth weight and low APGAR births.
- 2. MITS Lite
- 3. INSPIRE project to control hospital acquired infection in neonatal wards and general care
- 4. Neonatal sepsis surveillance
- 5. Repurpose bed use , convert pediatrics bed to neonatal units
- 6. Birth defect surveillance
- 7. Pregnancy surveillance
- 8. Child health & development surveillance
- 9. Health seeking behavior
- 10. Severe disease surveillance
- 11. Bio-measures



Acknowledgements & Thank you

- SA CHAMPS Team
- Global CHAMPS Team
- Partner contributions
- IANPHI
- Communities who have lost a child