



# **Data for Health Initiative- Civil Registration of Vital Statistics (CRVS) in Uganda**



## **Goal: Strengthening systems for health vital statistics Data Collection to inform interventions, planning and Policy**

### **WHAT**

Strengthen systems to  
**collect birth and death data**

### **HOW**

- **Support government offices in building or improving data collection systems in health facilities and communities for**
  - Birth registration
  - Death registration
    - Causes of death in health facilities
    - Manner of death in the community
    - Probable Causes of death in communities by VA



# Uganda CRVS: D4H Key partners



# NIRA

National Identification and Registration Authority  
Uganda - My Country My Identity





## Key Objectives

**Improve**

**Improve community and facility death notification and registration**



**Improve**

**Improve MCCD data quality**



**Ensure**

**Ensure use of standardized tools available in-country – Form 100 at health facility level, and Form 12 at Community level.**

# Importance of a VS system

- **Generate vital statistics for decision makers to enable**
  - **Policy formulation**
  - **Public health planning**
  - **Resource prioritization/mobilization**
  - **Service delivery/implementation.**
- **Note: VS is the most reliable source of data for calculating 12 of the 13 targets of SDG**
  - **National development plan**

**Table 1** ■ SDG Targets and Indicators Related to Civil Registration and Vital Statistics

SDG Target	Indicators for Monitoring Progress
16.9 By 2030, provide legal identity for all, including birth registration	16.19.1 Proportion of children under 5 years whose births have been registered with a civil authority, by age
17.18 By 2020... increase significantly the availability of high-quality, timely and reliable data disaggregated by income, gender, age, race, ethnicity, migratory status, disability, geographic location and other characteristics relevant in national contexts	17.18.1 Proportion of sustainable development indicators produced at the national level with full disaggregation when relevant to the target, in accordance with the Fundamental Principles of Official Statistics
17.19 By 2030... support statistical capacity building in countries	17.19.2 Proportion of countries that have conducted at least one population and housing census in the last 10 years and have achieved 100 percent birth registration and 80 percent death registration

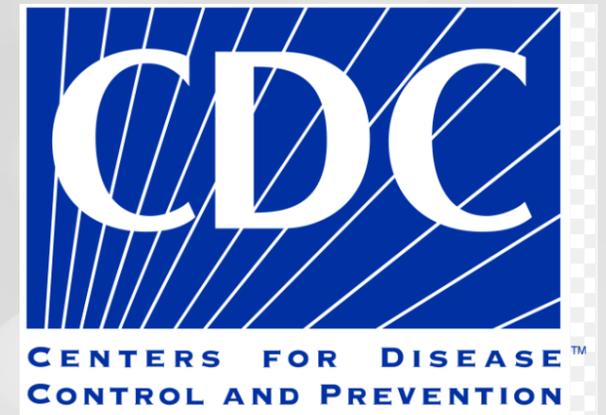


# **Registration of Vital Statistics (CRVS) in Uganda**

- **CRVS commences with birth registration, which provides a person with a legal existence and ends with death.**
- **CRVS plays a significant role of ensuring the notification and registration of births, deaths and all other vital events.**
- **The Registration of Persons Act 2015 mandates NIRA to**
  - **Register all vital events including births and deaths as they occur for all persons in the country**
  - **Issue National Identification Numbers for citizens ('Civil Registration And Vital Statistics Systems Of Uganda', 2019)**



# CRVS in Uganda: Global Partners







# Uganda CRVS-Past and Present Activities

## Past Activities

- Support CRVS coordination and governance
  - CRVS Stakeholders Mapping
  - Development of CRVS Technical Working Group (TWG)
- Support improvements in Death Notification and Registration
  - CRVS/HDSS integration
  - Health Facility Death Notification and Registration-linkages in DHIS2 M CCD app then with M VRS/CRVS
- Development of the as-is Business Process Mapping ( BPM's for both birth and death)

**2022-2023**

**2023-2025**

## Present Activities

- Support the customization of e M CCD in EMR's/DHIS2
- Support health facility M CCD – on going trainings & data reviews
- Developed SOP for health facility death notification and Medical Certification of Cause of Death
- Training Record officers on M CCD data entry in DHIS2
- Established M CCD champions to lead all cause mortality committees in various hospitals - 17 RRH's/3 NRH's-2 specialized Institutes (cancer& Heart)
- Developed as desired health facility mortality BPM
- Support development of Vital statistics report
- M CCD curriculum

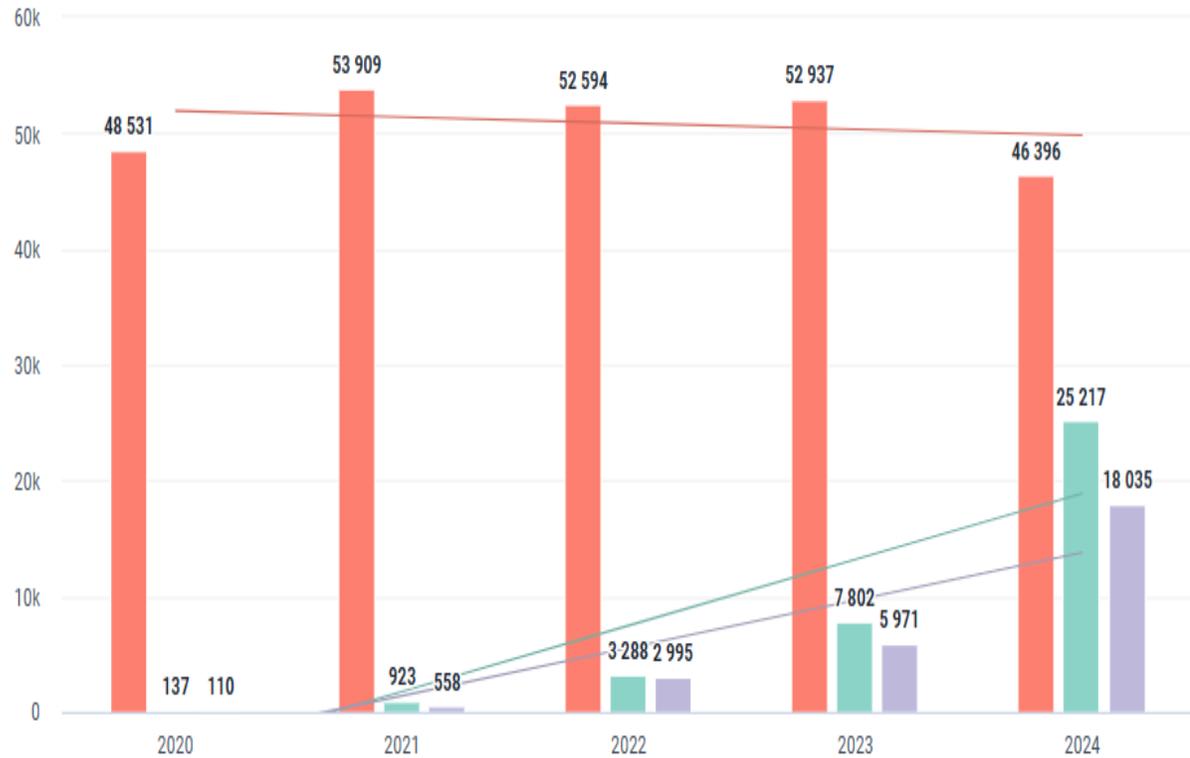


# Improvement in annual death notification and MCCD reporting 2020-2024-National

Period: 5 selected [Remove](#)

### Total Number of Deaths: Reported, Notified, and Medically Certified

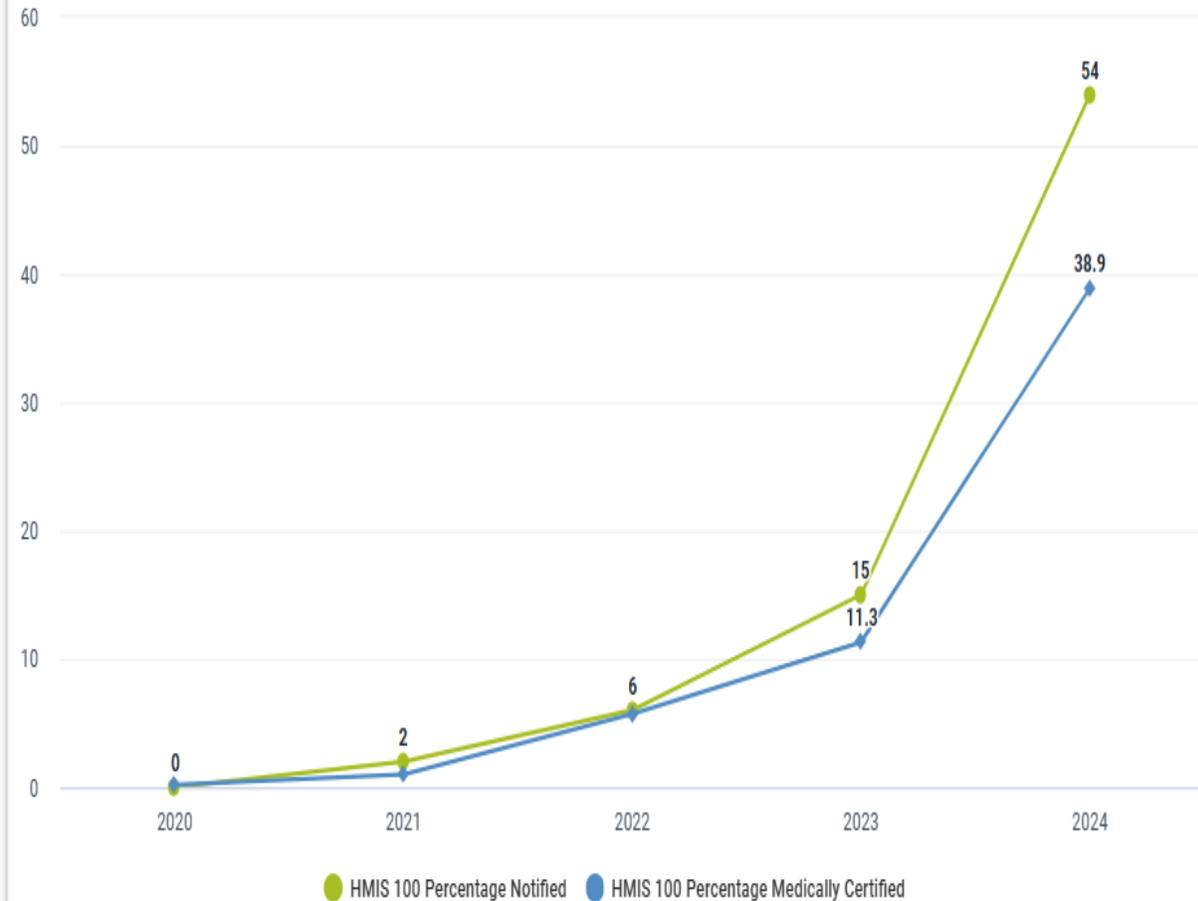
National levels



- 108-CI03. Total Deaths Reported
- HMIS 100 - Number of Deaths Notified
- HMIS 100 - Number of Deaths Medically Certified
- 108-CI03. Total Deaths Reported (trend)
- HMIS 100 - Number of Deaths Notified (trend)
- HMIS 100 - Number of Deaths Medically Certified (trend)

### Trend Analysis of Percentage of Deaths Notified vs. Medically Certified

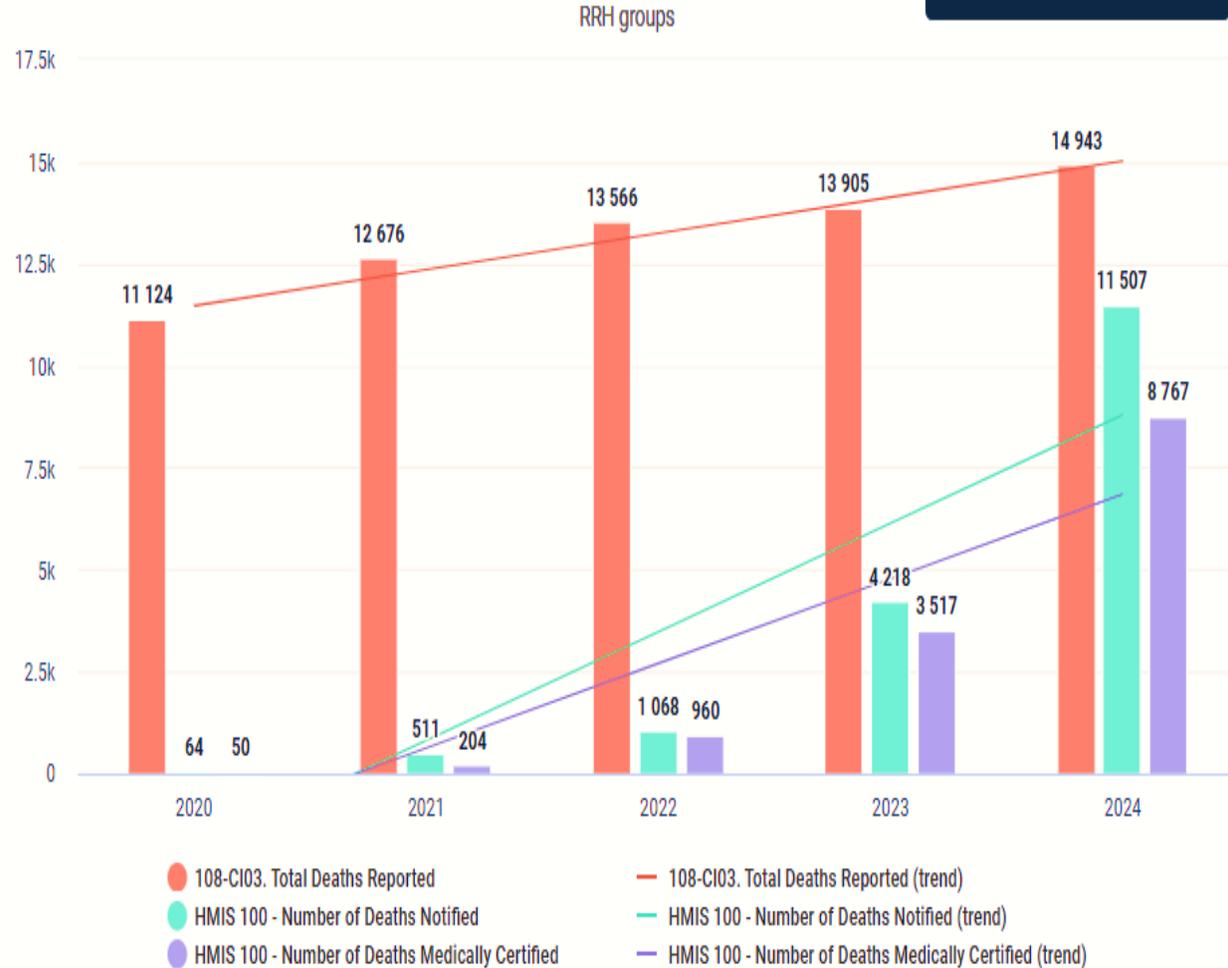
MOH - Uganda



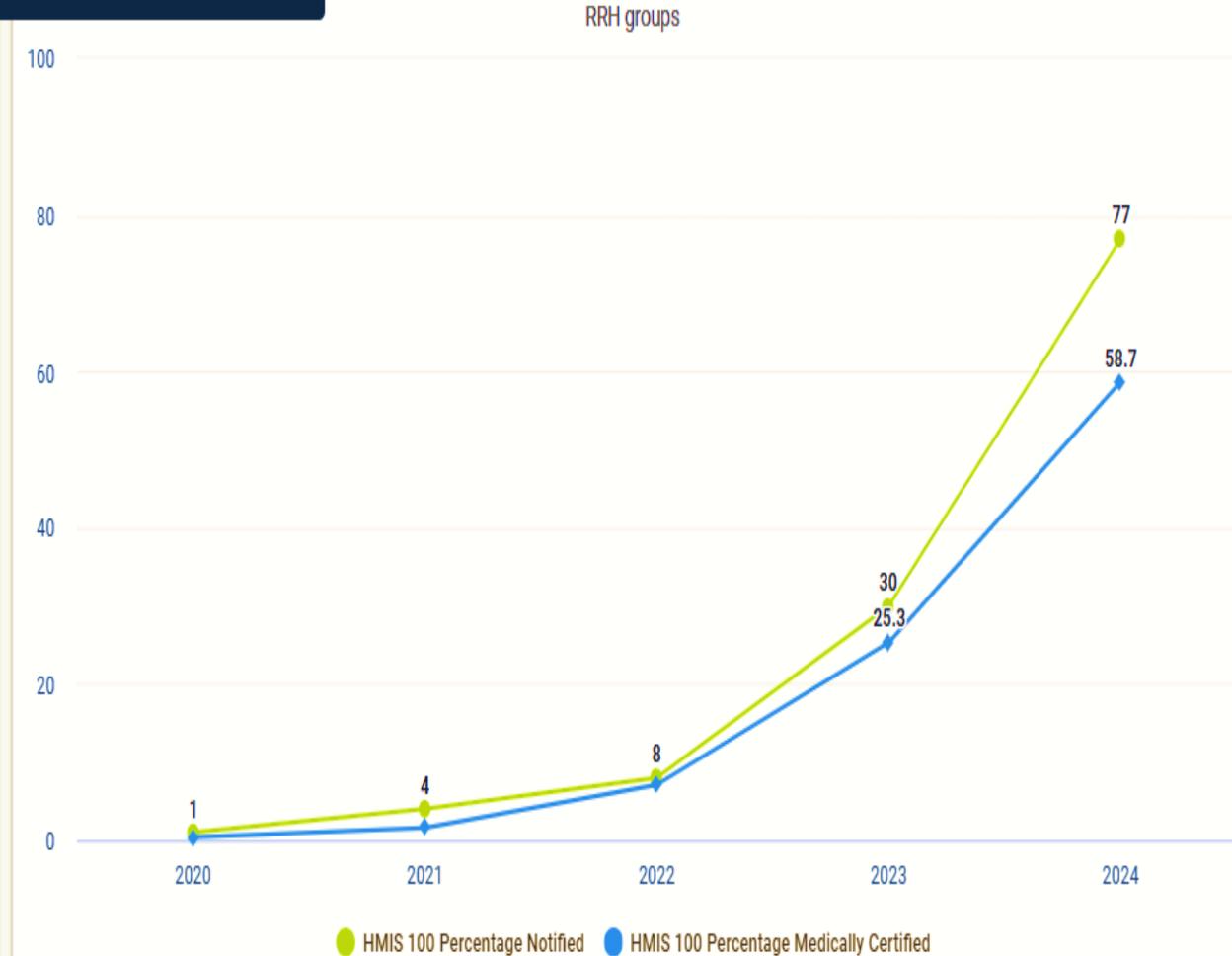
- HMIS 100 Percentage Notified
- HMIS 100 Percentage Medically Certified

# Improvement in annual notification and MCCD reporting 2020-2024- Regional Referral Hospitals

Total Number of Deaths: Reported, Notified, and Medically Certified

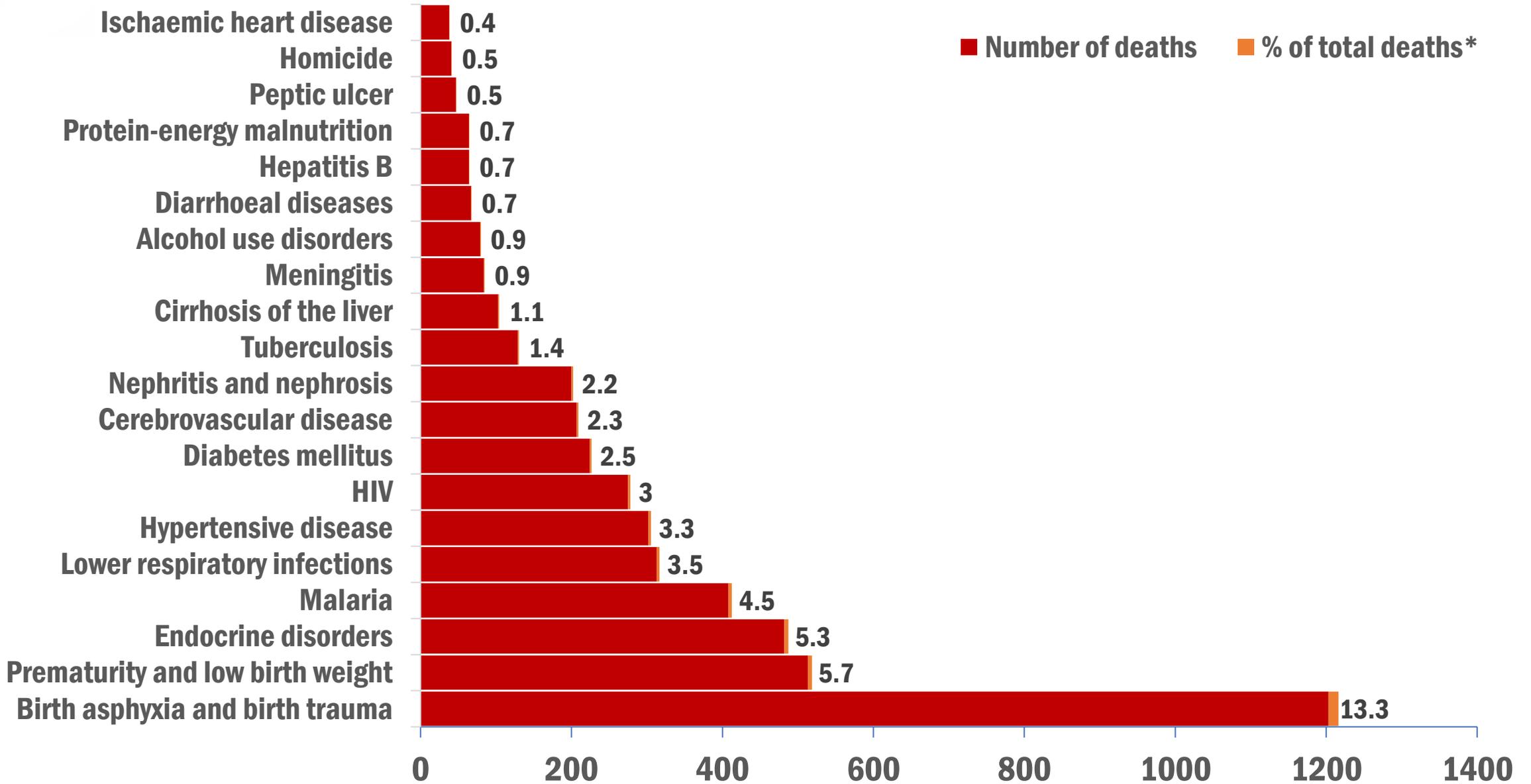


Trend Analysis of Percentages of Deaths Notified vs. Medically Certified



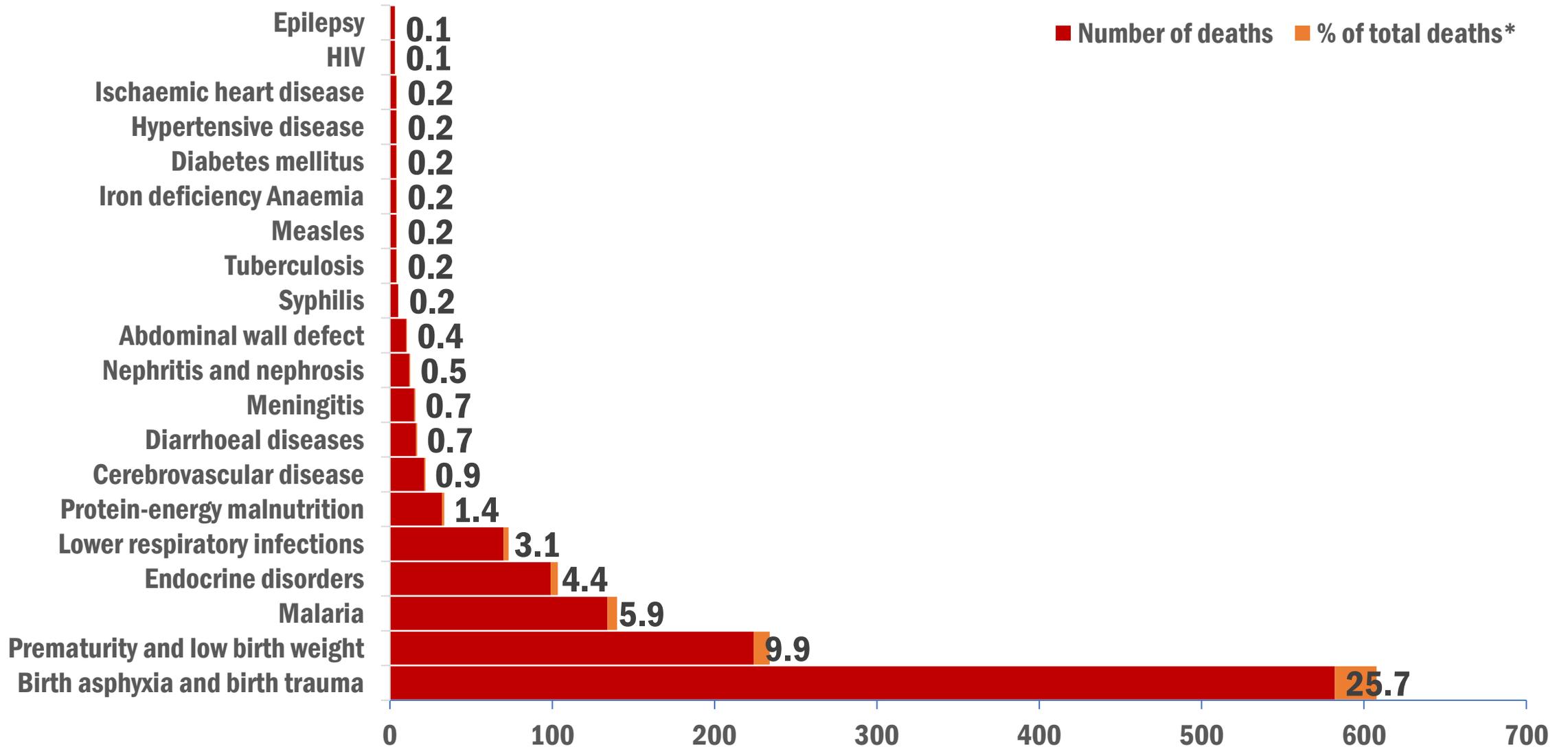


# Top 20 leading causes of death among all ages both sexes ,Uganda-2024





# Top 20 leading causes of death among children under 5 years of age of both sexes ,Uganda-2024

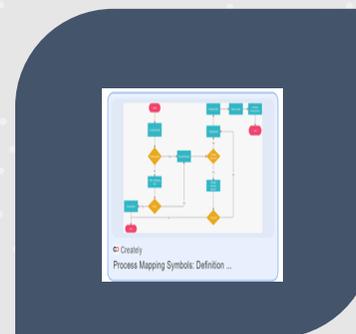




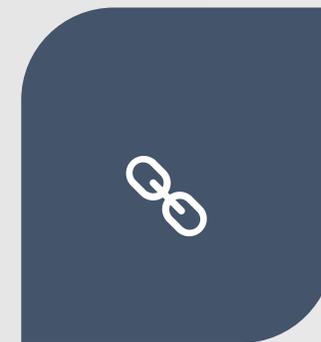
# Planned Future actions and Events



**COMMUNITY  
CAUSE OF  
DEATH  
INCLUDING  
MLDI**



**DEVELOPMENT  
OF THE BIRTH  
REGISTRATION  
AS-DESIRED  
BUSINESS  
PROCESS  
MAPPING (BPM)**



**LINKAGE OF  
HMS100 IN EMR'S  
(EYAFIA AND CLINIC  
MASTER)**



**SUPPORT SYSTEM S  
INTEROPERABILITY WITH  
ECHIS**



# Key Successes and Challenges

## Successes

- APIs integration between DHIS2 and National Identification Register to permit data exchange between the NIR and DHIS2

## Linkage of DHIS2-HMIS death review forms/reports to the MCCD app

- Maternal and Perinatal death review forms
- TB patient treatment outcome report
- Uganda EMR (HIV care settings)

## Additional functions

- Digital open Rule DORIS



THE REPUBLIC OF UGANDA  
MINISTRY OF HEALTH



# Thank You