



Analyzing HIV Pediatric Deaths in USAID Afya Yangu Southern Program FY22

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Presentation Outline

- Introduction
- Pediatric Deaths Analysis Methodology
- Analysis Results
- Conclusion and recommendations

Introduction

- As compared to adults, pediatric performance in all three 95 is still low
- ART retention among Children is significantly affected by Death
- Death analysis was done (October 2021 to September 2022) among Ped after learning death among children has been above 10% in some regions

Pediatric Deaths Analysis Methodology

01

Target group: Pediatric clients aged <5 and those aged 5-14 across program regions.

02

Coverage: All program Regions-Iringa, Lindi, Morogoro, Mtwara, Njombe & Ruvuma

03

Duration:
FY 2022: Oct 2021-Sep 2022.

04

Analysis variables:

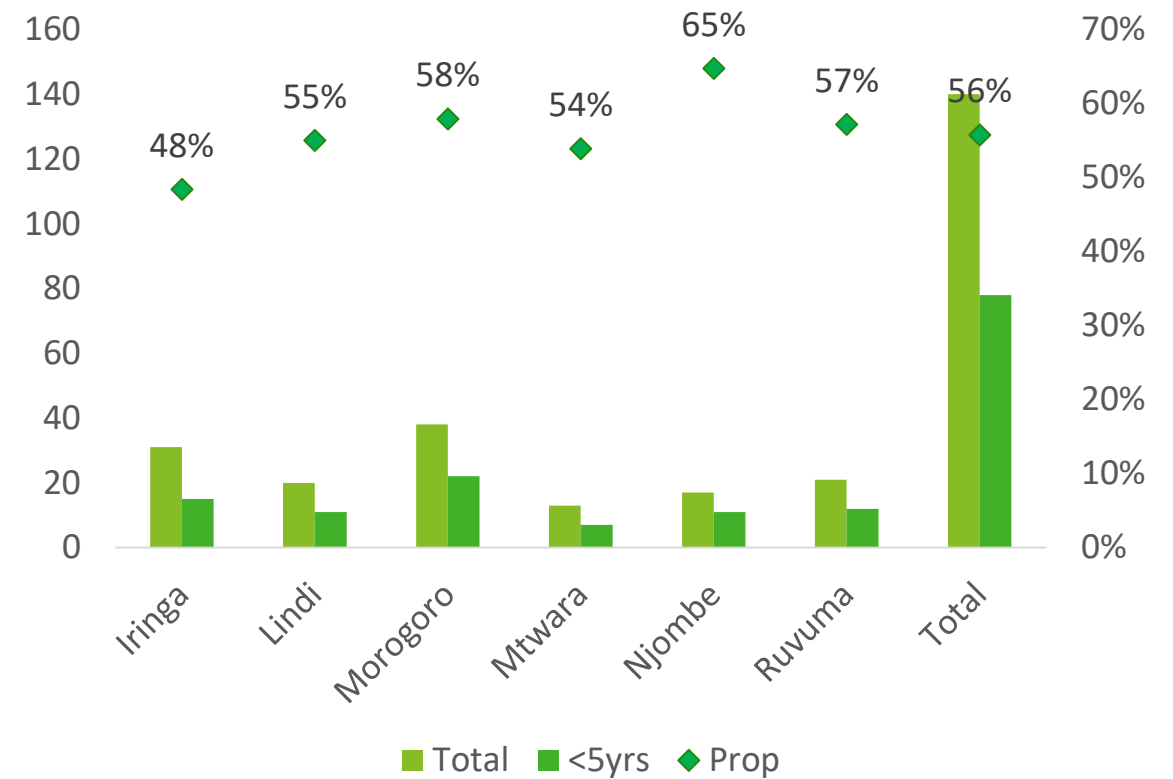
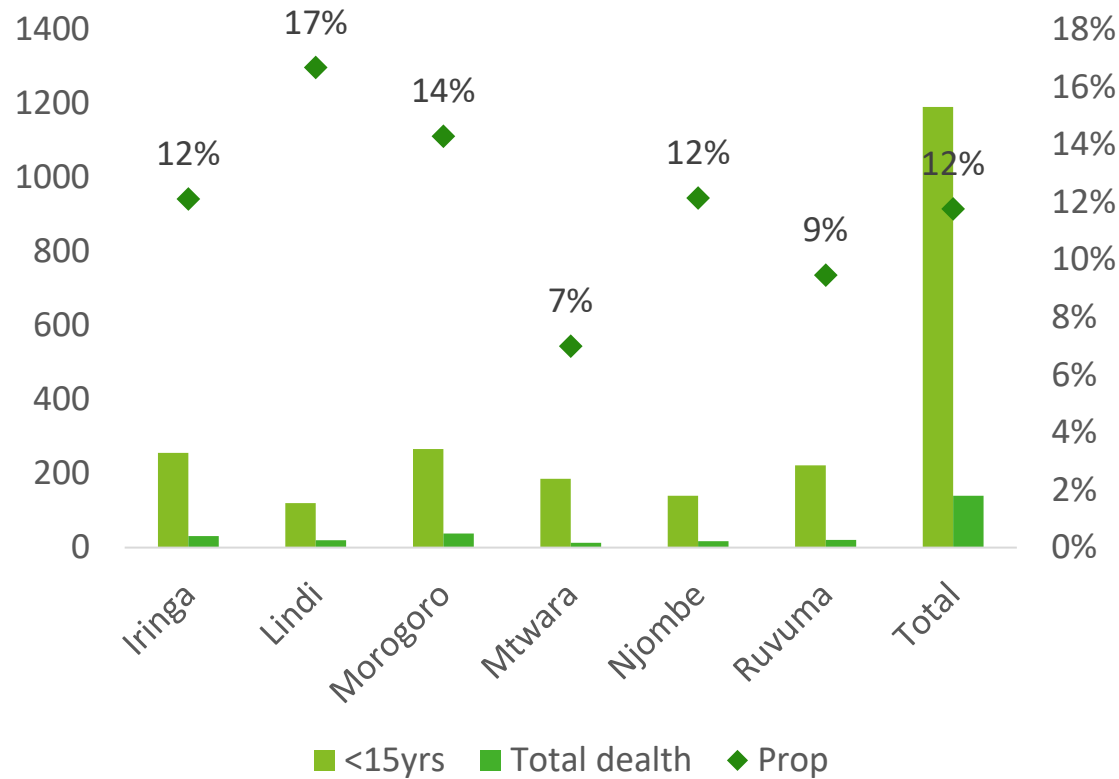
- Death distribution
- Duration on treatment
- reasons for death (verbal autopsy)
- Treatment adherence

05

Tools:

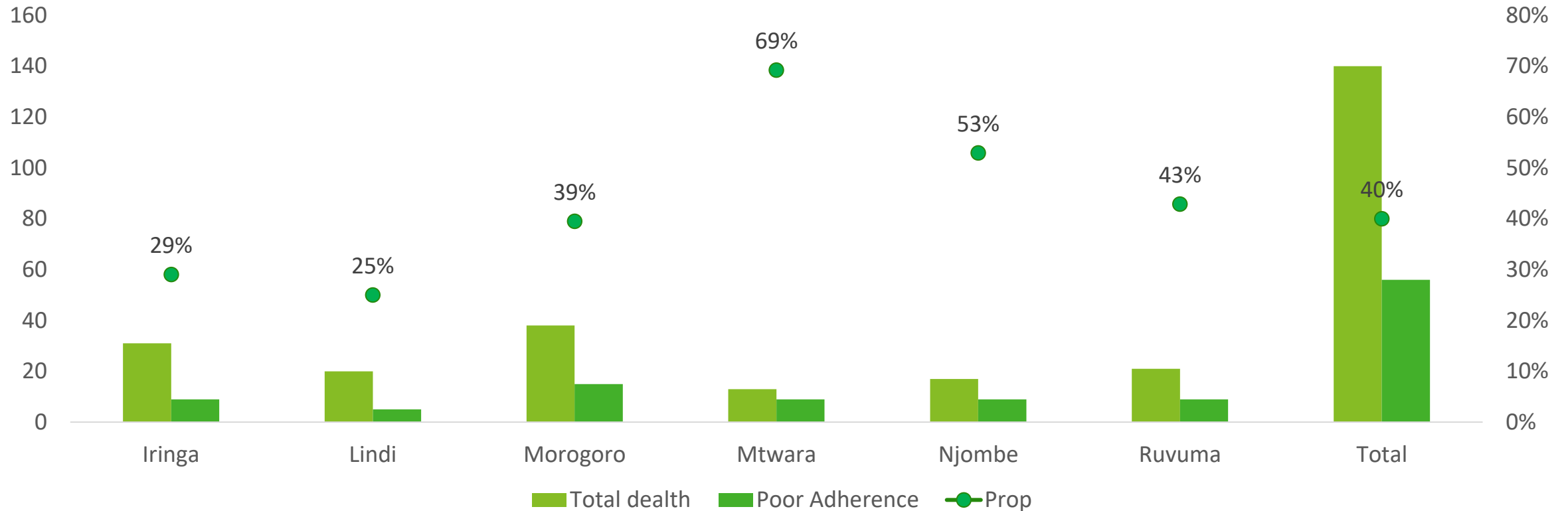
- CTC Analytics
- MS Excel.

Analysis Results: Deaths Distribution Among Pediatrics on ART by Regions



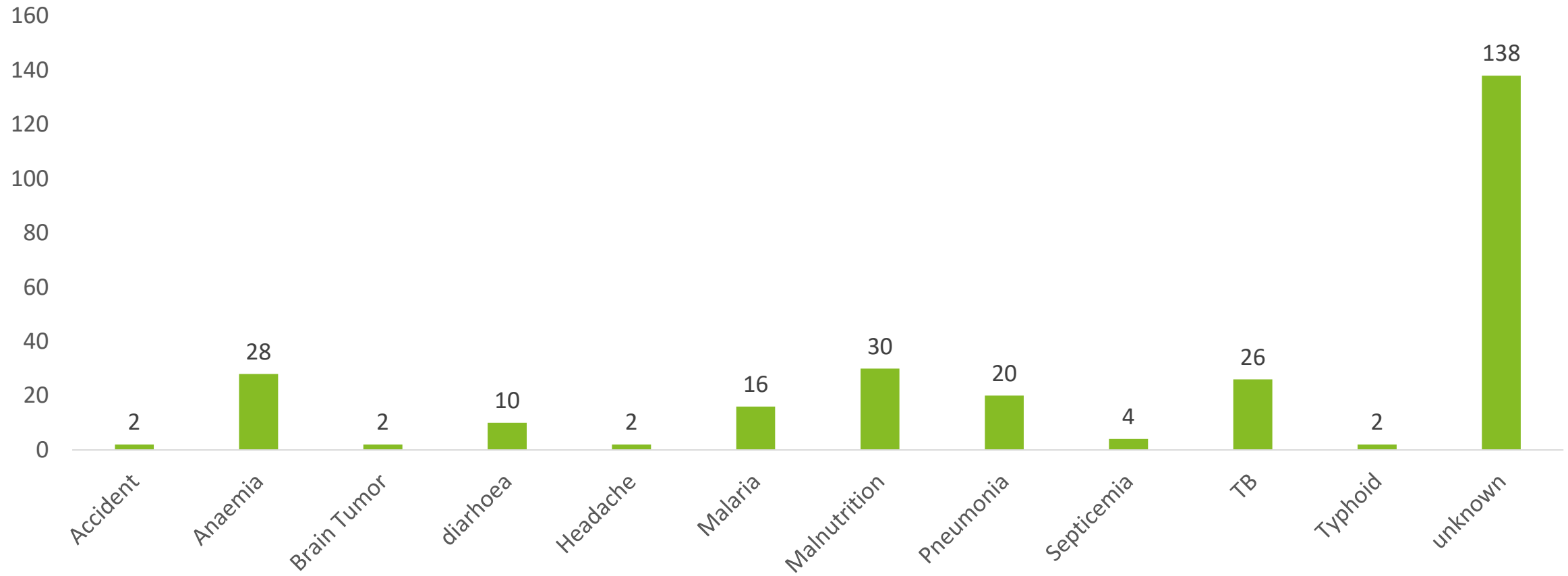
- Death average among Pediatrics in six regions was 12%
- Death has been in children below five years of age
- Lindi had highest Proportion
- Mtwara had the lowest proportion

Analysis Results: Poor Adherence Assessment Among Deaths



- Children Death was more in regions with poor adherence
- Lindi with highest death Proportion had poorest adherence
- Mtwara with lowest death proportion had best adherence

Analysis Results: Causes of Death



- 49% of deaths were unknown
- Known leading causes of death were Malnutrition, Anaemia and TB

Conclusion and Recommendation

Conclusions:

- Death significantly affects Retention on ART among Pediatrics
- Death among children was more among those with poor treatment adherence
- The analyzed data indicated more deaths for children under 5 years (56%) compared to those aged 5-14 years (44%)
- Reasons for many deaths
- Majority are unknown (49%),
- Among known Malnutrition, Anaemia and TB are leading

Recommendations:

- Improve ART adherence strategies
- ART care should be intensified to children below five years
- Nutrition and TB services should be intensified at care and treatment clinic
- Scaling up the use on ICD10 in recording HIV death to get HIV related deaths



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