Tracking Missed ANC appointments using Option B+ Weekly SMS reporting in Central Uganda, Jan-June 2016

Susan Nakubulwa; BSc (Econ, Stat), MSc; Epi Fellow, Cohort 2016
Option B+ Weekly SMS Reporting

- MoH implements a weekly surveillance platform since 2012
- Weekly Short Message System (SMS) reports on Option B+ indicators done using mobile phones
- Reporting is from the health facilities
- For the promotion of the Elimination of Mother to Child Transmission of HIV (eMTCT) program
Nine Option B+ Indicators tracked

- Total number first Antenatal (ANC) visits
- Total number mothers tested at 1st ANC visit
- Total tested HIV+ve at 1st ANC visit
- Total with known HIV+ve status at 1st ANC visit
- Total initiating Option B+ at 1st ANC visit
- Total of mothers on ART by 1st ANC visit
- Total missed appointments
- HIV kits available
- ARVs available
Importance of tracking missed appointments

- Reduce loss to follow up of mothers
- Improves effectiveness of eMTCT services
- Prevents avoidable HIV infection in children
- Adherence to ART
Objectives

- To determine the extent to which weekly SMS reporting is tracking missed antenatal appointments
- To assess the consistency of reporting the missed appointment indicator
Data abstraction

- Done for the weekly Option B+ SMS reports from the eMTCT dashboard
- Data within the reporting period Jan- June 2016
Mildmay Uganda supported districts

Option B+ Weekly SMS Reporting
Average Reporting Rates (Jan-Jun 2016)
Inconsistency in Reporting (Jan-Jun 2016)

X-Axis – Districts in Central Uganda
Y-Axis – SMS Reporting rates on the Missed Appointment indicator

2016
- Jan
- Feb
- Mar
- Apr
- May
- Jun

Option B+ Weekly SMS Reporting
Conclusions

- Weekly SMS reporting is utilized to track missed appointments
- The districts with most Health Facilities for eMTCT implementation show lowest reporting rates for missed appointments
- There is inconsistency in reporting
Recommendations

- Need to conduct an assessment at the districts to identify the gaps that hinder efficient utilization of the system
- Refresher trainings on use of the weekly SMS reporting to promote consistence in reporting
Acknowledgment

- Ministry of Health
- Centers for Disease Control and Prevention (CDC)
- Makerere University School of Public Health
- The Public Health Fellowship Program secretariat
- Mildmay Uganda, eMTCT Implementing Partner