

# CRADLING STUDY-GHANA

## ANALYSE CAESAREAN DELIVERY RATES AND DETERMINE VARIATION OVER TIME AND ACROSS HOSPITALS IN GHANA

### BACKGROUND



4% → 10% → 16%

NATIONAL CAESAREAN DELIVERY (CD) RATES HAVE RISEN FROM 2003 TO 2011 TO 2017.

### AIMS



WE AIM TO USE DHIS (DISTRICT HEALTH INFORMATION SOFTWARE) TO COMPARE CAESAREAN DELIVERY RATES AMONGST DIFFERENT HOSPITAL TYPES AND OVER THE PAST 4 YEARS IN GHANA.

### METHODS



SECONDARY ANALYSIS OF BIRTHS DATA FROM GHANA HEALTH SERVICES

#### VARIABLES ASSESSED:

- HOSPITAL TYPE;
- HOSPITAL LOCATION;
- TOTAL NUMBER OF BIRTHS BY DELIVERY MODE;
- TOTAL MATERNAL DEATHS;
- TOTAL PERINATAL DEATHS;
- TOTAL NUMBER OF ADMISSIONS;
- STAFFING LEVELS;
- NUMBER OF BEDS;
- NUMBER OF OPERATING ROOMS;
- ICU BED AVAILABILITY;
- BLOOD TRANSFUSION DETAILS

STUDY DESIGN:  
DHIS SECONDARY ANALYSIS



STUDY POPULATION:  
HOSPITALS PROVIDING OBSTETRIC CARE & REPORTING TO DHIS



TIMEFRAME:  
2017 TO 2021



SAMPLE SIZE:  
~500 FACILITIES REPORTING TO DHIS



ETHICAL CONSIDERATIONS:  
NO HUMAN SUBJECTS



DATA ANALYSIS:  
HOSPITALS CAPABLE OF PERFORMING CD COMPARED OVERTIME USING VARIABLES