

Supplementary material 1 - Sources of routine data in each referral hospital and indicator definitions

Country	GUINEA		NIGERIA	TANZANIA	UGANDA		Indicator definitions
Hospital name	Hôpital National Ignace Deen (Ignace Deen National Hospital)	Hôpital Regional de Mamou (Mamou Regional Hospital)	Lagos University Teaching Hospital	Muhimbili National Hospital	Kawempe National Referral Hospital	Mulago Specialised Women's and Neonatal Hospital	
Abbreviation	HNID	HRM	LUTH	MNH	KNRH	MSWNH	
Indicator / Sources							
Outpatient antenatal care consultations	Service not offered	Consultation register	Medical records for antenatal clinic (sum of daily attendance)	Antenatal clinic MRF	HMIS; Antenatal clinic register	HMIS; Antenatal clinic register	Total number of antenatal care consultations conducted in the outpatient clinic per month.
Births	SNIS report; Labour ward register	SNIS report; Labour ward register	Labour ward register; Labour ward theatre register	Labour ward MRF	HMIS; Maternity ward register	Delivery book	Total number of births per month (vaginal and abdominal); does not include births before arrival; births of multiple pregnancies are counted as one.
Outpatient postnatal care consultations	Service not offered	Service not offered	Medical records for postnatal clinic (sum of daily attendance)	Postnatal clinic MRF	HMIS; Postnatal clinic register	HMIS; Postnatal clinic register	Total number of postnatal care consultations conducted in the outpatient clinic per month.
Number of sources	2	2	4	3	4	4	

HMIS: Health Management Information System; MRF: Monthly report form; SNIS: Système National d'Information Sanitaire / National Health Information System