## Appendix 1 table 1. Study sites operational characteristics and common features

Clinical officers   Clinical officers   Officer, nurses   Clinical officers	Demographic features	Health facility 1	Health facility 2	Health facility 3	Health facility 4	Health facility 5	Health facility 6
Level of care         Secondary         Primary         Secondary         Primary         Sco         500         <500         <500         <500         <500         <500         <500         <500         <500         <500         <500         <500         <500         <500         <500         <500         <500         <500         <500         <500         <500         <500         <500         <500         <500         <500         <500         <500         <5	Type of health facility	Private	Private	Private	Public	Public	low-cost private
Designation Peri-Urban	Owned and managed	Faith based	Private	Private	Government	Government	Private
Volume of deliveries   So0   So0   So0   So0   So0   So0   So0   Service departments   Maternity, OPD, PMTCT, HIV/AIDS counselling, ANC, PNC, CWC, CHU, Full Lab, Inhater able to perform C-sections 24/7, Sick Newborn Care Unit, Inpatient Wards   Invate able to   Invate able to   Invate able to   Invate able to   Invate   Invate able to   Invate   Invate able to   Invate   Invat	Level of care	Secondary	Primary	Secondary	Secondary	Primary	Primary
Service departments  Maternity, OPD, PMTCT, HIV/AIDS Counselling, ANC, PNC, CWC, CHU, Full Lab, Theatre able to perform C-sections 24/7, Sick Newborn Care Unit, Inpatient Wards  Professional staff  Doctor, nurses, clinical officer  Electricity  Available A	Designation	Peri-Urban	Peri-Urban	Peri-Urban	Urban	Peri-Urban	Peri-Urban
PMTCT, HIV/AIDS counselling, ANC, PNC, CWC, Family Planning, CHU, Basic Lab, Inpatient Wards Inpatient Wards officer of HIV/AIDS counselling, Basic Lab, Inpatient Wards albe to perform C-sections 24/7, Sick Newborn Care Unit, Inpatient Wards officer of HIV/AIDS counselling, Performs C-sections 24/7, Sick Newborn Care Unit, Inpatient Wards officer of HIV/AIDS counselling, Performs C-sections and the perform C-sections and t	Volume of deliveries	>500	<500	>1000	>5000	<500	<500
Counselling, ANC, PNC, CWC, Family Planning, CWC, Family Planning, CWC, CHU, Full Llab, Theatre able to perform C-sections 24/7, Sick Newborn Care Unit, Inpatient Wards Wards	Service departments	Maternity, OPD,	Maternity, OPD,	Maternity, OPD,	Maternity, OPD,	Maternity, OPD,	Maternity, PMTCT,
CWC, CHU, Full Lab, Theatre able to perform C-sections 24/7, Sick Newborn Care Unit, Inpatient Wards officer  Professional staff Doctor, nurses, clinical officer  Available Ava		PMTCT, HIV/AIDS	PMTCT, ANC, PNC,	PMTCT, ANC, PNC,	PMTCT, ANC, PNC,	PMTCT, ANC, PNC,	OPD, ANC, PNC, Family
Theatre able to perform C-sections 24/7, Sick Newborn Care Unit, Inpatient Wards wards officer  Doctor, nurses, clinical officer  Electricity Available Avai		counselling, ANC, PNC,	CWC, Family Planning,	CWC, Family Planning,	CWC, Family Planning,	CWC, Family Planning,	Planning, CHU, Basic
perform C-sections 24/7, Sick Newborn Care Unit, Inpatient Wards Wards 24/7, Sick Newborn Care Unit, Inpatient Wards wards wards  Professional staff Doctor, nurses, clinical officer officer Available Availa		CWC, CHU, Full Lab,	CHU, HIV/AIDS	CHU, Basic Lab,	CHU, CCC, Full Lab,	CHU, Basic Lab,	Lab, Inpatient Wards,
24/7, Sick Newborn Care Unit, Inpatient Wards   Performs C-sections   24/7, Sick Newborn Care Unit, Inpatient Wards   Performs C-sections   24/7, Sick Newborn Care Unit, Inpatient Wards, HIV/AIDS counselling		Theatre able to	counselling, Basic Lab,	Inpatient Wards,	Theatre able to	HIV/AIDS counselling	HIV/AIDS counselling,
Care Unit, Inpatient Wards  Care Unit, Inpatient Wards  Care Unit, Inpatient Wards, HIV/AIDS counselling  Professional staff  Doctor, nurses, clinical officer  Officer  Doctors, nurses, clinical officers officer, office		perform C-sections	Inpatient Wards	HIV/AIDS counselling,	perform C-sections		Sick Newborn Care Unit
Wards Wards Wards Wards, HIV/AIDS counselling  Professional staff Doctor, nurses, clinical officer Officer Officer Officer Officer, nurses, clinical officers Officer, nurses		24/7, Sick Newborn		performs C-sections	24/7, Sick Newborn		
Professional staff Professional staff Doctor, nurses, clinical officer Doctors, nurses, clinical officers Doctors, nurses, clinical officers Doctors, nurses, clinical officers Officer, nurses Doctor, clinical officer, nurses Officer, nurs		Care Unit, Inpatient			Care Unit, Inpatient		
Professional staff officer officer, nurses officer off		Wards			Wards, HIV/AIDS		
Clinical officers   Clinical officers   Officer, nurses   Clinical officers					counselling		
Electricity Available Avai	Professional staff	Doctor, nurses, clinical	Nurse	Doctors, nurses,	Doctor, clinical	Nurse	Nurse
Water Available		officer		clinical officers	officer,nurses		
Hours of operation 24 Hours 24 Hours 24 Hours 24 Hours 8am-4pm 24 Hours  Legend: * All secondary health facilities have ceaserean section capacity  OPD - Outpatient Department	Electricity	Available	Available	Available	Available	Available	Available
Legend: * All secondary health facilities have ceaserean section capacity  OPD - Outpatient Department PMTCT - Preventative Mother to Child Transmission ANC - Antenatal Care PNC - Postnatal Care CWC - Child Welfare Clinic CCC - Comprehensive Care Center for HIV	Water	Available	Available	Available	Available	Available	Available
* All secondary health facilities have ceaserean section capacity  OPD - Outpatient Department PMTCT - Preventative Mother to Child Transmission ANC - Antenatal Care PNC - Postnatal Care PNC - Postnatal Care CCC - Comprehensive Care Center for HIV	Hours of operation	24 Hours	24 Hours	24 Hours	24 Hours	8am-4pm	24 Hours
facilities have ceaserean section capacity  OPD - Outpatient Department	Legend:						
section capacity OPD - Outpatient Department PMTCT - Preventative Mother to Child Transmission ANC - Antenatal Care PNC - Postnatal Care PNC - Postnatal Care CWC - Child Welfare Clinic CCC - Comprehensive Care Center for HIV	* All secondary health						
OPD - Outpatient Department	facilities have ceaserean						
PMTCT - Preventative Mother to Child Transmission  ANC - Antenatal Care PNC - Postnatal Care CWC - Child Welfare Clinic CCC - Comprehensive Care Center for HIV	section capacity						
ANC - Antenatal Care PNC - Postnatal Care CCC - Comprehensive Care Center for HIV	OPD - Outpatient Department						
PNC - Postnatal Care CWC - Child Welfare Clinic CCC - Comprehensive Care Center for HIV	PMTCT - Preventative Mother	to Child Transmission					
CWC - Child Welfare Clinic CCC - Comprehensive Care Center for HIV	ANC - Antenatal Care						
CCC - Comprehensive Care Center for HIV	PNC - Postnatal Care						
·	CWC - Child Welfare Clinic						
CHU - Community Health Unit	CCC - Comprehensive Care Center for HIV						
	CHU - Community Health Unit						