Borno State: HeRAMS Report 2019

During the 2019 HeRAMS Assessment, 878 health facilities were assessed in 6 health care domains to find out the availability of health resources and services in the assessed health facilities. The summary below shows the status of health facilities and comparative analysis with 2018 HeRAMS assessment. Significant improvement was found in terms of functionality of the health facilities.

## Health facility functionality Status (2019 & 2018 HeRAMS)

Type of Health Facility	2019					2018				
	Fully functioning n (%)	Partially Functioning n (%)	Non-Functioning n (%)	Fully Damaged n (%)	Total n (%)	Fully functioning n (%)	Partially Functioning n (%)	Non-Functioning n (%)	Fully Damaged n (%)	Total n (%)
Hospital (Tertiary)	3(100%)				3(100%)	3(100%)				3(100%)
Hospital (Secondary)	47(75%)	3(5%)	9(14%)	4(6%)	63(100%)	37(70%)	6(11%)	4(8%)	6(11%)	53(100%)
Primary Health Care Centre	120(71%)	4(2%)	27(16%)	19(11%)	170(100%)	57(67%)	7(8%)	4(5%)	17(20%)	85(100%)
Health Clinic	74(26%)	12(4%)	103(36%)	100(35%)	289(100%)	102(32%)	14(4%)	58(18%)	143(45%)	317(100%)
Health Post	81(29%)	29(10%)	64(23%)	110(39%)	284(100%)	90(31%)	57(19%)	61(21%)	86(29%)	294(100%)
IDP Camp Clinic	56(81%)	4(6%)	9(13%)		69(100%)	46(81%)	5(9%)	6(11%)		57(100%)
Other								1 (100%		1(100%)
Grand Total	381(43%)	52(6%)	212(24%)	233(27%)	878(100%)	335(41%)	89(11%)	134(17%)	252(31%)	810(100%)

Reasons for non-functionality	Response
Insecurity	40%
Lack of staff	21%
Lack of equipment	12%
Lack of medical supplies	10%
Lack of physical access	9%
Damage of the facility	5%
Lack of finances	3%

Reasons for non-functionality	Response
Physical access, insecurity, distance	33%
Lack of staff	8%
Lack of medical supplies	4%
Lack of finances	1%

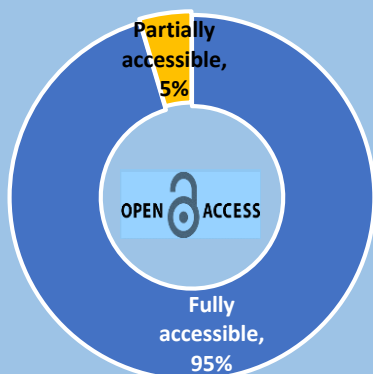## Health Facility Damages Status (2019 vs 2018)

2019 HeRAMS Assessed 878 HF

Not relevant: (e.g mobile clinic) 1%
Fully damaged 27%
Partially damaged 14%
Not damaged 59%
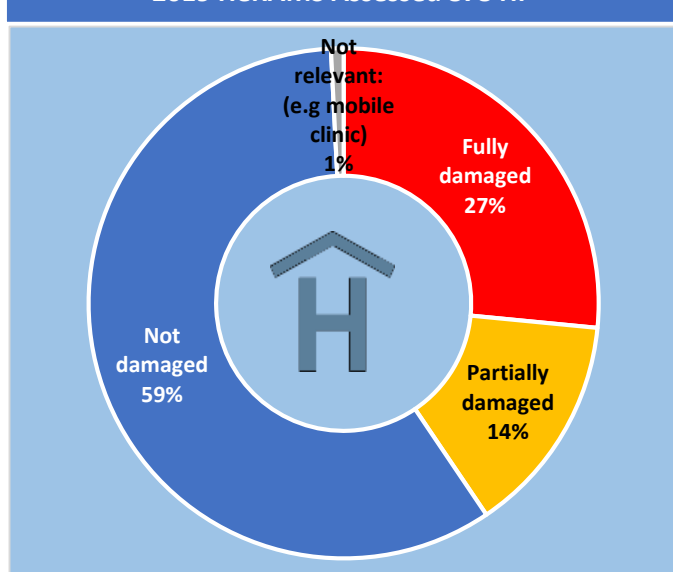
2018 HeRAMS Assessed 810 HF
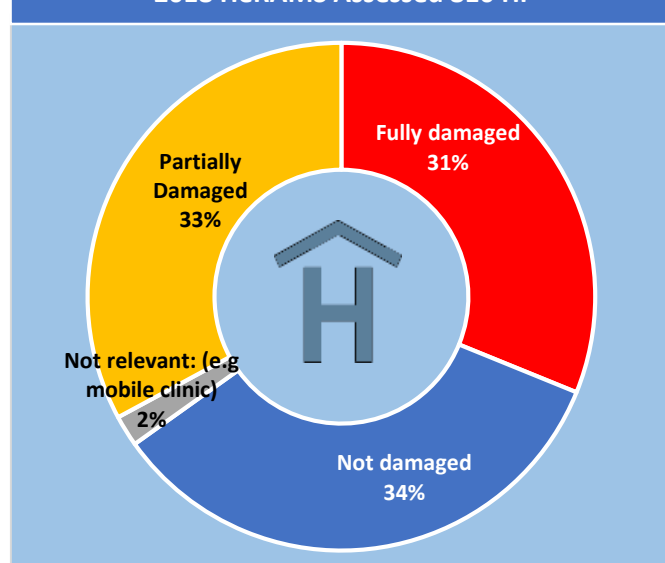
Partially Damaged 33%
Fully damaged 31%
Not relevant: (e.g mobile clinic) 2%
Not damaged 34%

Legend: Not Damaged | Partially Damaged | Fully damaged | Not Relevant (e.g. mobile clinic)

Borno State: HeRAMS Report 2019

Accessibility to patient in the catchment area
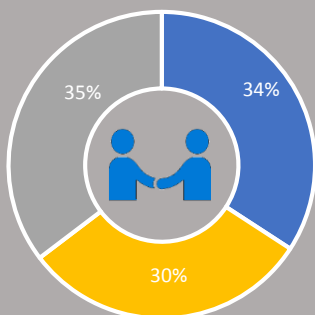
Partially accessible, 5%

Fully accessible, 95%

OPEN ACCESS

Main Reasons for Inaccessibility are Physical Barriers (59%) and Insecurity (41%)

Status of HF Building Structure (Modality)

Temporary 14%

Permanent 86%
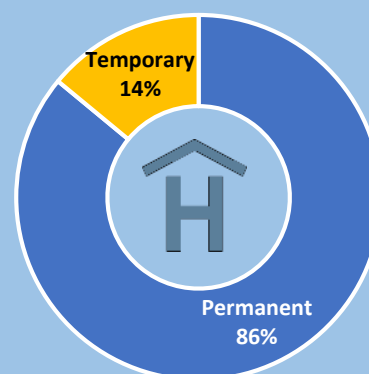
***Fully and Partially Functional HFs = 433 (49%)**

Partners Support 35 Partners supporting in 301 HFs

35% 34% 30%

Major support (n=148)
Partial support (n=153)
No support (n=132)

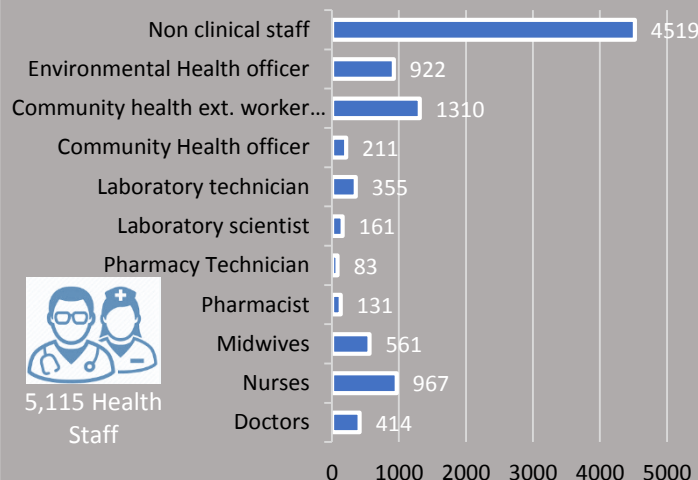## Communication Equipment

27% 28% 45%
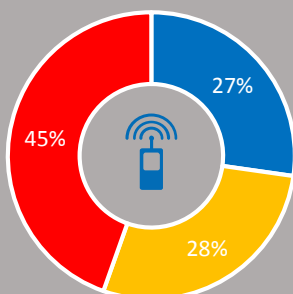
Available and sufficient (n=118)
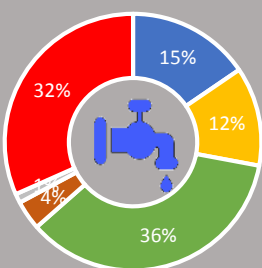Available but insufficient (n=122)
Not available (n=193)

Human Resource Availability
***fully or partially functional HFs = 433 (49%)**

Staff type	Count
Non clinical staff	4519
Environmental Health officer	922
Community health ext. worker…	1310
Community Health officer	211
Laboratory technician	355
Laboratory scientist	161
Pharmacy Technician	83
Pharmacist	131
Midwives	561
Nurses	967
Doctors	414

5,115 Health Staff

Source of clean water

15% 12% 32% 4% 36%
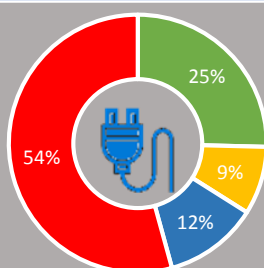
Mobile water supply (n=67)
Piped Supply Network (n=54)
Unprotected well (n=16)
No access to water (n=137)

Source of power supply

25% 9% 54% 12%
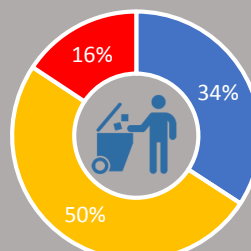
Public electricity (n=110)
Generator (n=37)
Solar (n=51)
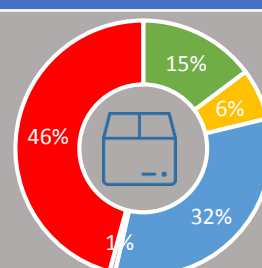No power source (n=235)

Safe waste disposal & management

16% 34% 50%

Available and sufficient (n=148)
Available but insufficient (n=217)
Not available (n=68)

Cold Chain power supply

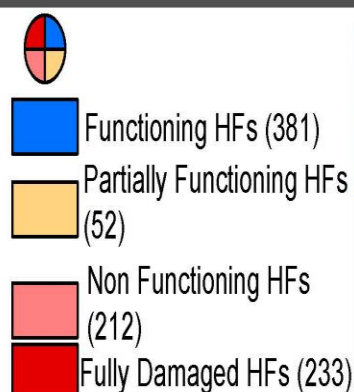15% 6% 46% 1% 32%
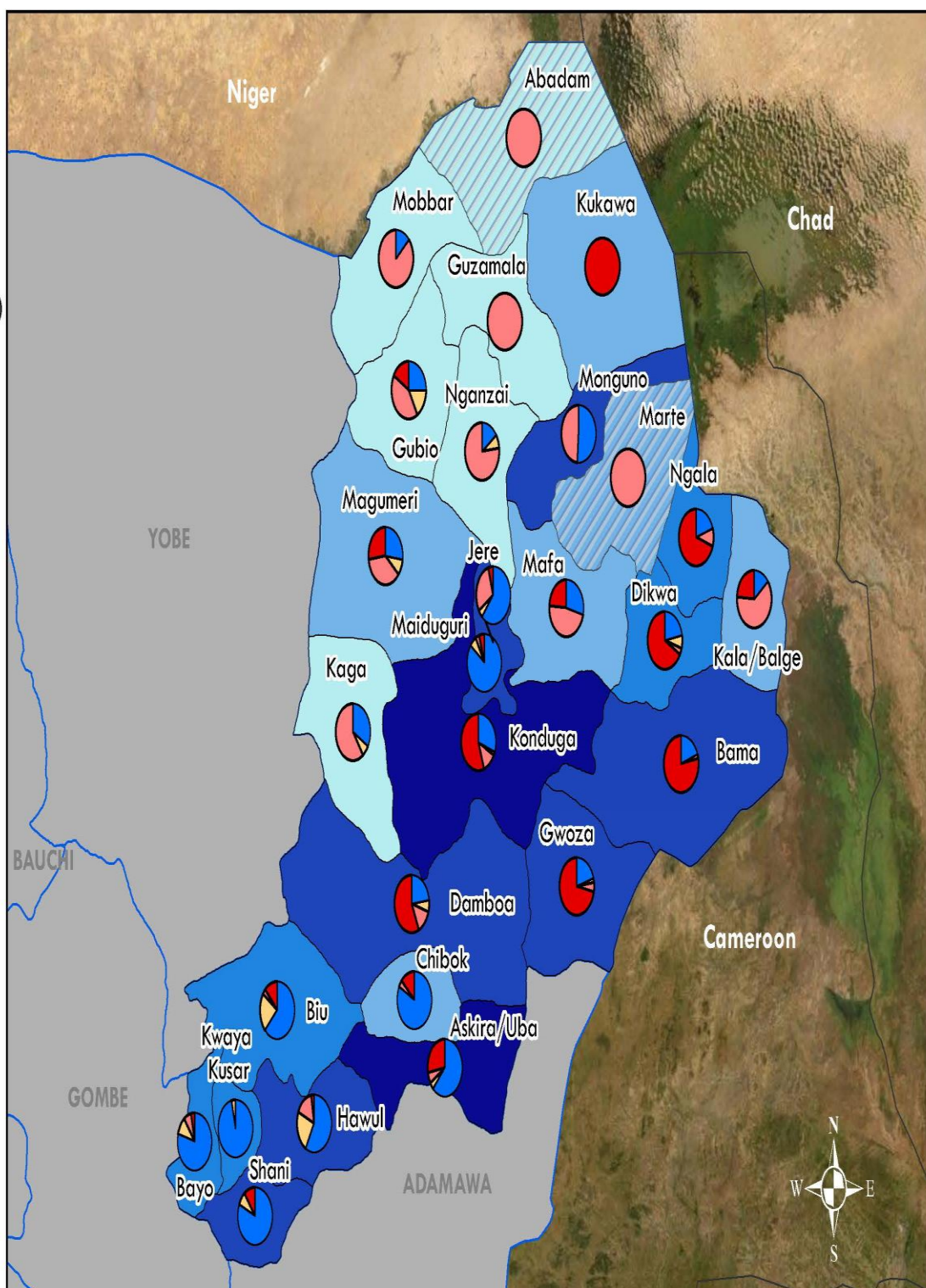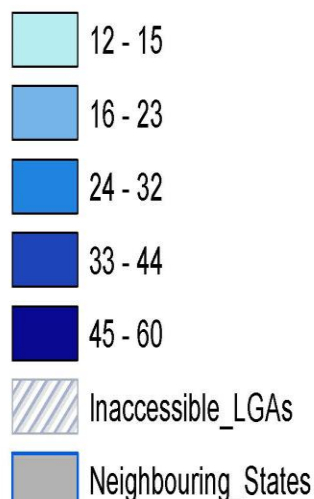
Public electricity (n=64)
Generator (n=28)
Solar (n=140)
Other (3)
No power source (n=198)

Not Damaged   Partially Damaged   Fully damaged   Not Relevant (e.g. mobile clinic)

HeRAMS NIGERIA

World Health Organization

HEALTH SECTOR NIGERIA

Borno State, Nigeria - Status of Functional and Damaged Health Facilities, HeRAMS, October 2019

World Health Organization

Legend

- **Functioning HFs (381)**
- **Partially Functioning HFs (52)**
- **Non Functioning HFs (212)**
- **Fully Damaged HFs (233)**

No. of HFs by LGA

- 12 - 15
- 16 - 23
- 24 - 32
- 33 - 44
- 45 - 60
- Inaccessible_LGAs
- Neighbouring_States

Labels on map: Niger, Chad, Cameroon, YOBE, BAUCHI, GOMBE, ADAMAWA, Abadam, Mobbar, Guzamala, Kukawa, Nganzai, Monguno, Marte, Gubio, Ngala, Magumeri, Jere, Mafa, Dikwa, Maiduguri, Kaga, Kala/Balge, Konduga, Bama, Gwoza, Damboa, Chibok, Askira/Uba, Biu, Kwaya Kusar, Hawul, Bayo, Shani

Inset map labels: Mali, Niger, Chad, Burkina Faso, Benin, Nigeria, Borno, Cameroon, Equatorial Guinea

Scale: 0 — 275 — 550 — 1,100 — 1,650 km

HeRAMS NIGERIA

World Health Organization

General Clinical Services and Trauma Care

Outpatient Services

	Fully available	Not available	Not normally provided	Partially available
Health Clinic	65		3	18
Health Post	68	2 / 11		29
IDP Camp Clinic	57	2 / 1		
Primary Health Care Centre	118			6
Secondary Hospital	44		3	3
Tertiary Hospital	3			

Primary Injury Care

Values: Health Clinic 69, 5/1, 11; Health Post 59, 4/2, 45; IDP Camp Clinic 50, 7/1, 2; Primary Health Care Centre 117, 7; Secondary Hospital 42, 4/3/1; Tertiary Hospital 3
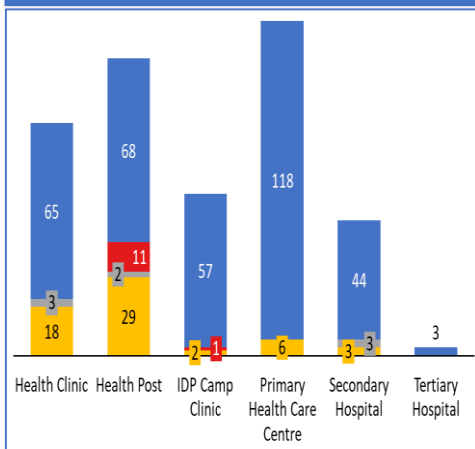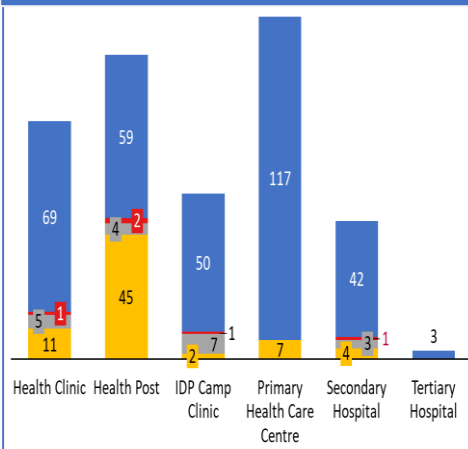
Post-Surgery Rehabilitation of People with Wounds or Trauma

Values: Health Clinic 22, 9, 42, 13; Health Post 7, 24, 67, 12; IDP Camp Clinic 14, 6, 35, 5; Primary Health Care Centre 39, 14, 54, 17; Secondary Hospital 40, 3/2, 5; Tertiary Hospital 1/2
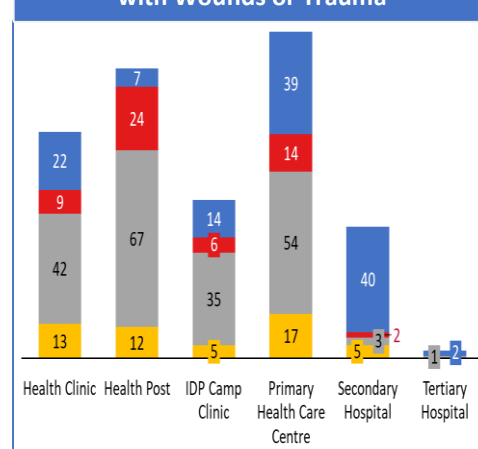
Trauma & Surgical Care, and Elective Surgery

Values: Health Clinic 10, 10, 59, 7; Health Post 22, 86, 2; IDP Camp Clinic 6/6, 47, 1; Primary Health Care Centre 14, 26, 73, 11; Secondary Hospital 35, 6, 7, 2; Tertiary Hospital 1/2

Intensive Care Unit

Values: Health Clinic 9, 71, 6; Health Post 19, 89, 2; IDP Camp Clinic 7, 42, 11; Primary Health Care Centre 7, 12, 103, 2; Secondary Hospital 10, 12, 27, 1; Tertiary Hospital 1/2

Inpatient Capacity

Values: Health Clinic 30, 15, 28, 13; Health Post 14, 33, 55, 8; IDP Camp Clinic 20, 7, 24, 9; Primary Health Care Centre 79, 13, 15, 17; Secondary Hospital 43, 5/1, 1; Tertiary Hospital 3

Basic Laboratory Services

Values: Health Clinic 21, 12, 38, 15; Health Post 6, 28, 74, 2; IDP Camp Clinic 7, 8, 41, 4; Primary Health Care Centre 46, 24, 31, 23; Secondary Hospital 42, 4/1, 4; Tertiary Hospital 3

Basic Imaging Services

Values: Health Clinic 3, 10, 66, 7; Health Post 1, 14, 95; IDP Camp Clinic 1, 7, 51, 1; Primary Health Care Centre 2, 21, 98, 3; Secondary Hospital 17, 8, 16, 9; Tertiary Hospital 3
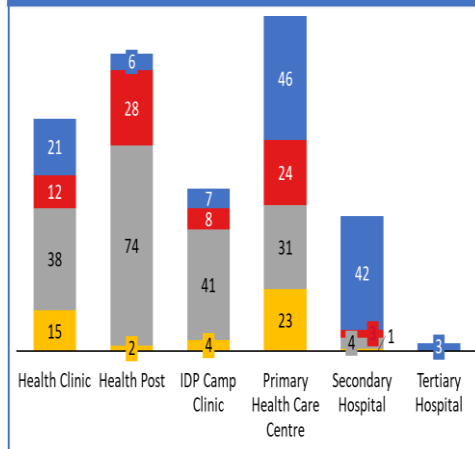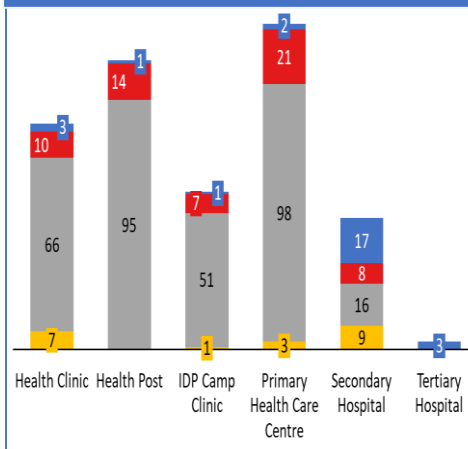
Blood Bank Service

Values: Health Clinic 5, 13, 65, 3; Health Post 2, 16, 92; IDP Camp Clinic 2, 7, 50, 1; Primary Health Care Centre 4, 14, 105, 1; Secondary Hospital 11, 11, 26, 2; Tertiary Hospital 1/2

Top 3 Reasons for Lack of Availability
Lack of health staff
Lack of medical supplies (drugs and consumables)
Lack of medical equipment (incl. logistic, fuel, vehicles)

Legend: ■ Fully available ■ Not available ■ Not normally provided ■ Partially available

Pharmacy of Essential Drugs

Referral Capacity
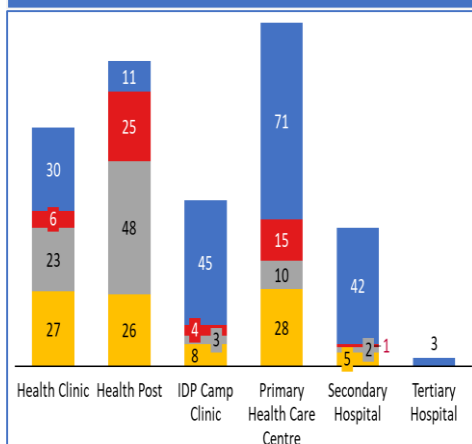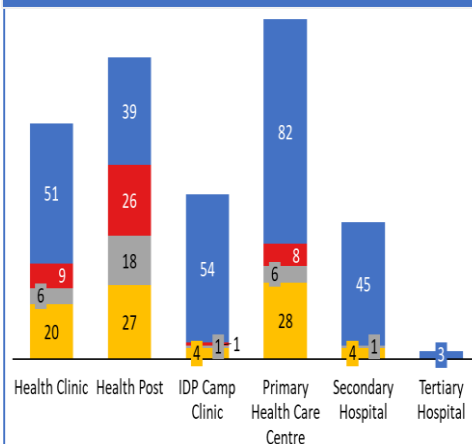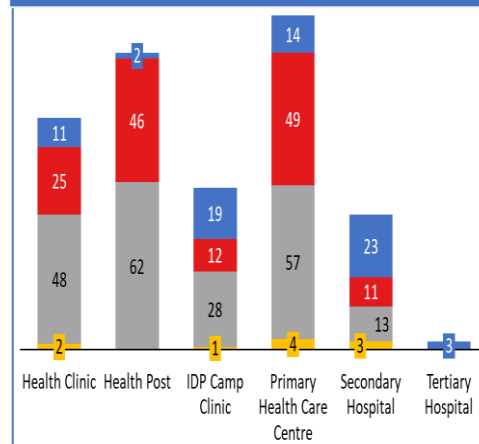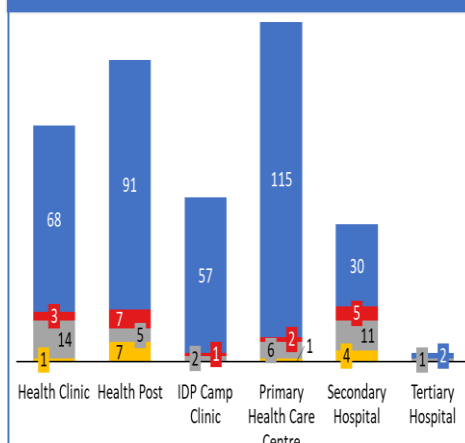

Ambulance Service

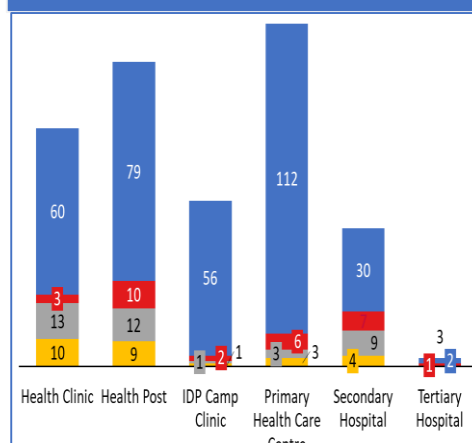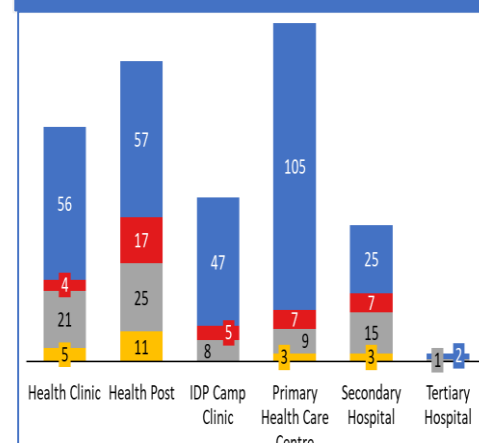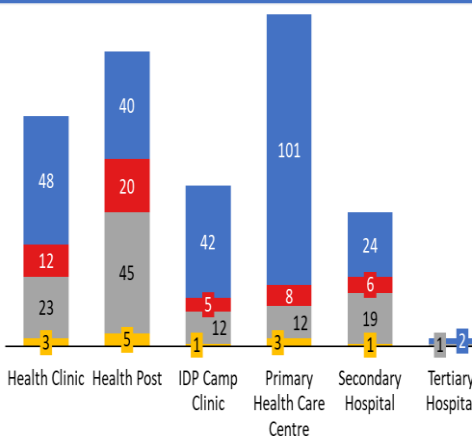| Top 3 Reasons for Lack of Availability |
|---|
| Lack of health staff |
| Lack of medical supplies (drugs and consumables) |
| Lack of medical equipment (incl. logistic, fuel, vehicles) |

Child Health and Nutrition

EPI

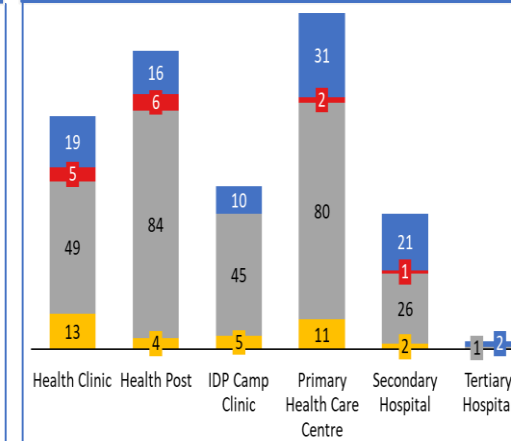## Vitamin A: Supplementation

Screening of Acute Malnutrition

Outpatient Treatment of Severe Acute Malnutrition Without Medical Complication

Basic Child Care (IMCI*)
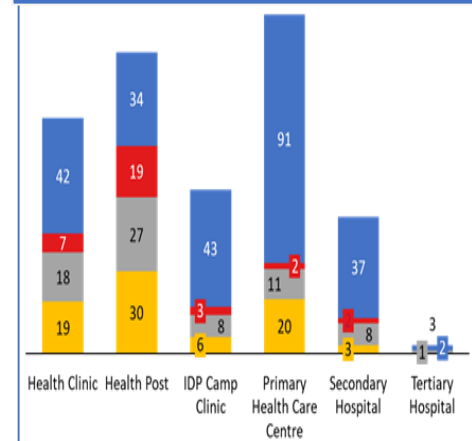
Management of Children (Including Sick Neonates) Suffering from Severe and very Severe Illness
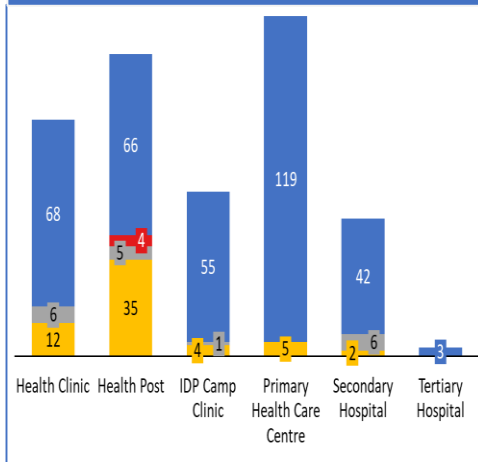

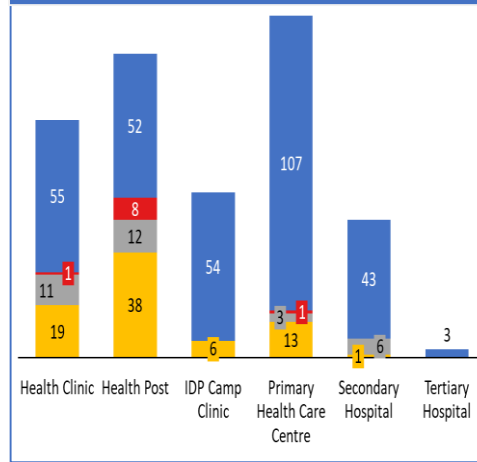| Top 3 Reasons for Lack of Availability |
|---|
| Lack of health staff |
| Lack of medical supplies (drugs and consumables) |
| Lack of training of health staff |

Legend: ■ Fully available ■ Not available ■ Not normally provided ■ Partially available

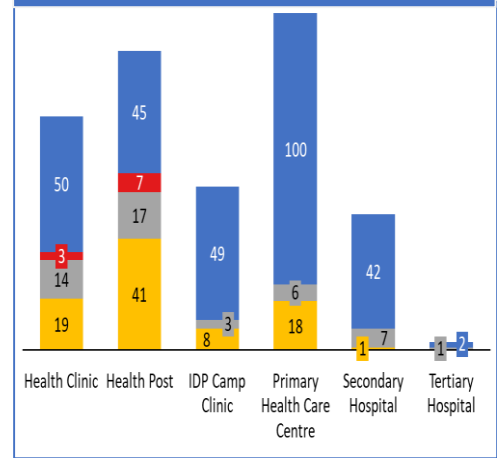HEALTH SECTOR NIGERIA

Communicable Diseases

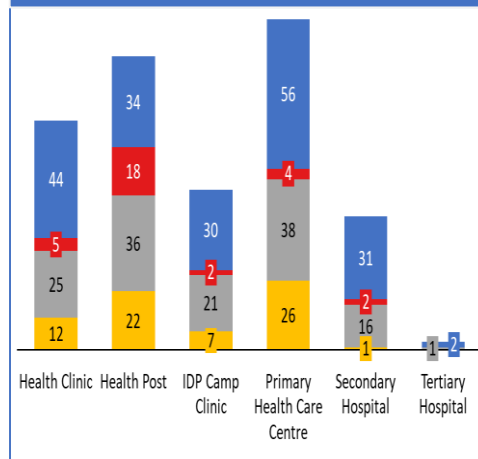### Diagnosis and Treatment of Malaria

Diagnosis and Treatment of Measles
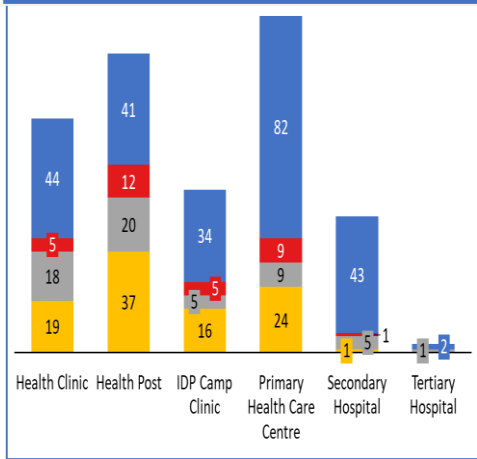

Diagnosis and Treatment of Pneumonia and Minor Chest Infections
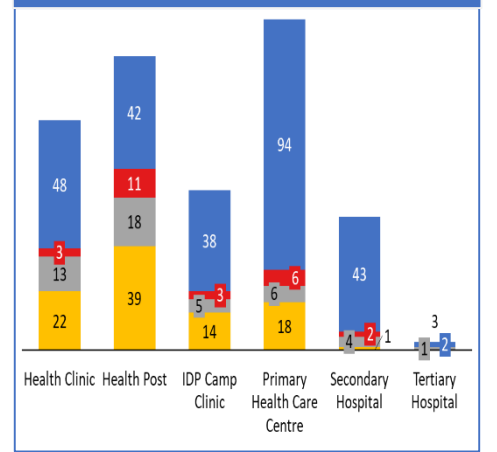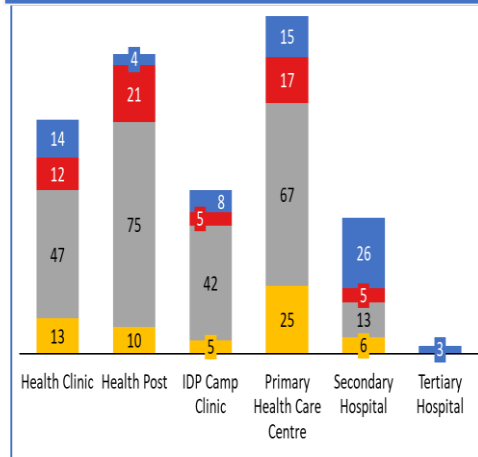

Diagnosis and Treatment of Skin Diseases
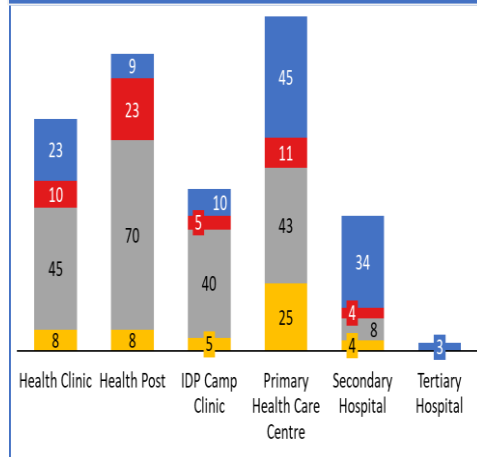

Diagnosis and Treatment of Cholera

Diagnosis and Treatment of Acute Bloody Diarrhoea

Diagnosis and Treatment of Viral Hepatitis B&C

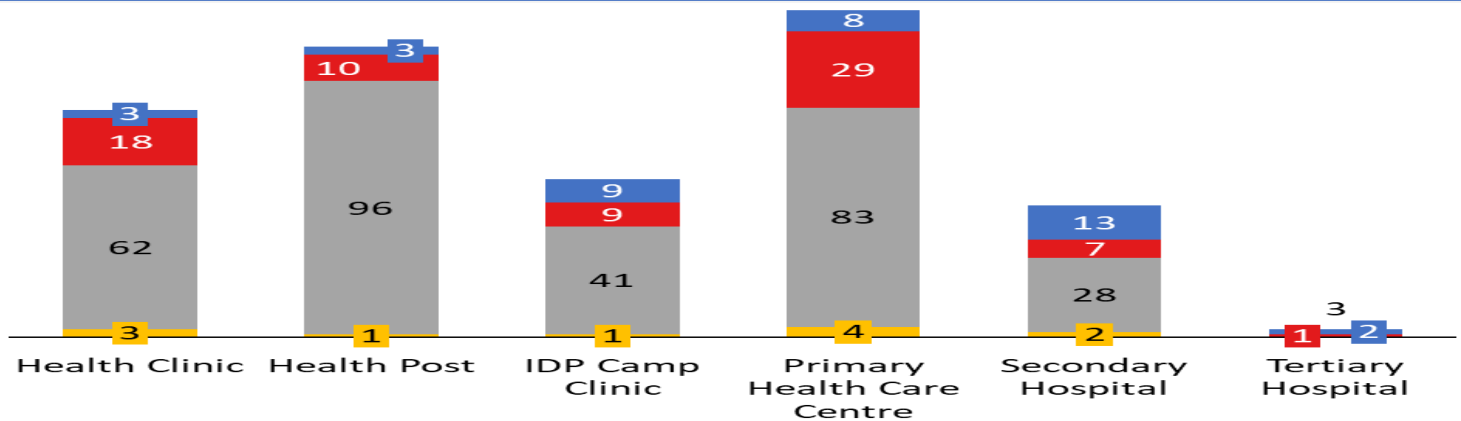### Diagnosis and Treatment of TB
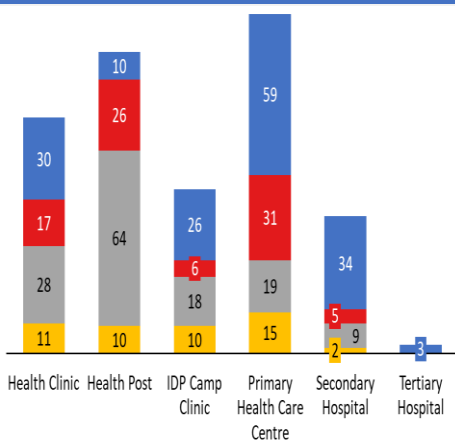

Diagnosis and Treatment of Typhoid
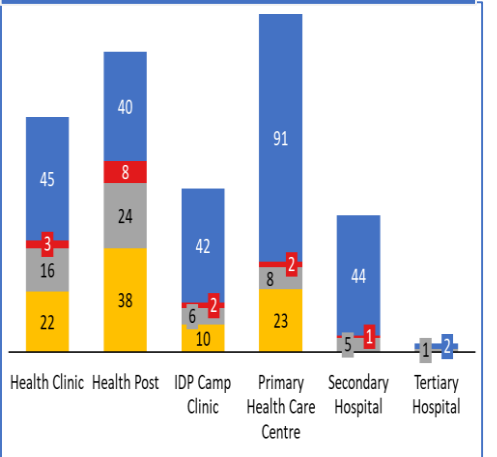
Top 3 Reasons for Lack of Availability
Lack of medical supplies (drugs and consumables)
Lack of health staff
Lack of medical equipment (incl. logistic, fuel, vehicles)

■ Fully available   ■ Not available   ■ Not normally provided   ■ Partially available

HeRAMS NIGERIA

World Health Organization

Isolation Unit/Room
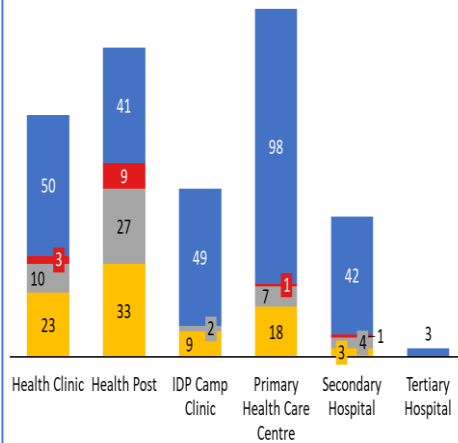

Top 3 Reasons for Lack of Availability
Lack of medical supplies (drugs and consumables)
Lack of health staff
Lack of medical equipment (incl. logistic, fuel, vehicles)

STI and HIV/AIDS

Syndromic management of sexually transmitted infections

Standard Precautions

Availability of Free Condoms
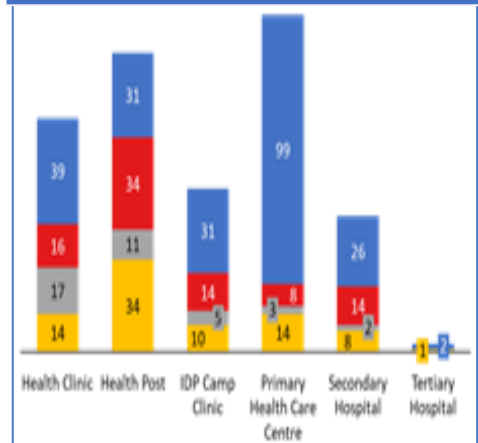
Prophylaxis and Treatment of Opportunistic Infections
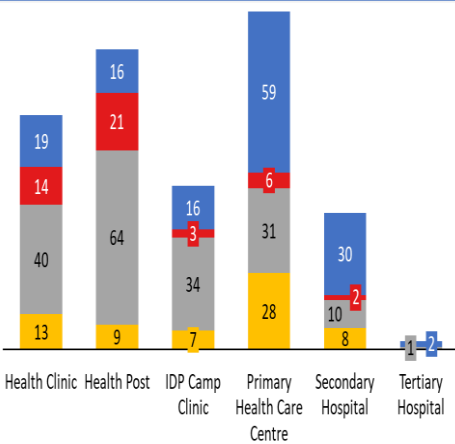
HIV Counselling and Testing

Prevention of Mother-to-Child HIV Transmission (PMTCT)

Top 3 Reasons for Lack of Availability
Lack of medical supplies (drugs and consumables)
Lack of health staff
Lack of training of health staff

■ Fully available ■ Not available ■ Not normally provided ■ Partially available

Antiretroviral Treatment (ARV)

Facility	Values
Health Clinic	11 / 20 / 54 / 1
Health Post	2 / 16 / 91 / 1
IDP Camp Clinic	8 / 7 / 43 / 2
Primary Health Care Centre	29 / 26 / 58 / 11
Secondary Hospital	23 / 7 / 15 / 5
Tertiary Hospital	1 / 2

Top 3 Reasons for Lack of Availability
- Lack of medical supplies (drugs and consumables)
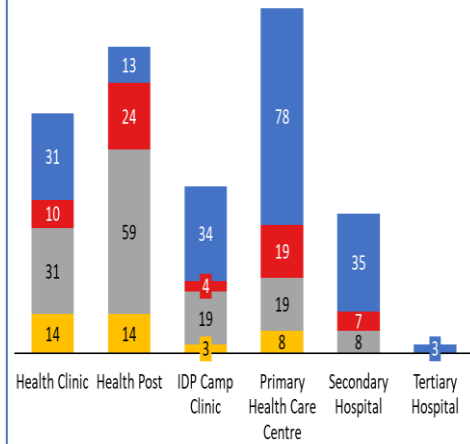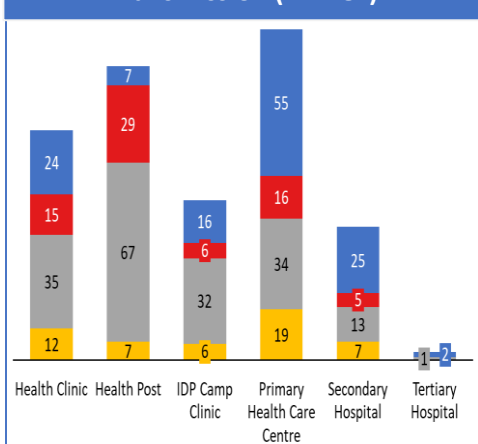- Lack of health staff
- Lack of training of health staff

Maternal and Newborn Health

Family planning

Antenatal Care

Normal Delivery

Essential New-Born

BEmOC: Basic Emergency Obstetric Care

CEmOC: Comprehensive Emergency Obstetric Care

Top 3 Reasons for Lack of Availability
- Lack of health staff
- Lack of medical supplies (drugs and consumables)
- Lack of training of health staff

Legend: ■ Fully available ■ Not available ■ Not normally provided ■ Partially available

Post-Partum Care

	Health Clinic	Health Post	IDP Camp Clinic	Primary Health Care Centre	Secondary Hospital	Tertiary Hospital
Fully available	33	13	25	70	40	2
Not available	9	13	5	5		
Not normally provided	33	68	21	20	8	1
Partially available	11	16	9	29	2	

Comprehensive Abortion Care

	Health Clinic	Health Post	IDP Camp Clinic	Primary Health Care Centre	Secondary Hospital	Tertiary Hospital
Fully available	20	2	6	37	32	2
Not available	10	8	5	12	3	
Not normally provided	51	96	42	56	12	1
Partially available	5	4	7	19	3	

Sexual Violence

Clinical Management of Physical Injuries of Rape Victims

	Health Clinic	Health Post	IDP Camp Clinic	Primary Health Care Centre	Secondary Hospital	Tertiary Hospital
Fully available	12	1	23	45	30	2
Not available	12	18	8	10	6	
Not normally provided	55	87	26	39	12	1
Partially available	7	4	3	30	2	

Psychological follow-up* of victims of Rape

	Health Clinic	Health Post	IDP Camp Clinic	Primary Health Care Centre	Secondary Hospital	Tertiary Hospital
Fully available	40	16	31	81	35	2
Not available	4	24	5	4	2	
Not normally provided	21	53	18	10	6	1
Partially available	21	17	6	29	7	

PEP: Post-Exposure Prophylaxis

	Health Clinic	Health Post	IDP Camp Clinic	Primary Health Care Centre	Secondary Hospital	Tertiary Hospital
Fully available	17	4	13	48	30	2
Not available	12	25	10	21	9	
Not normally provided	45	80	36	41	10	1
Partially available	12	1	1	14	1	
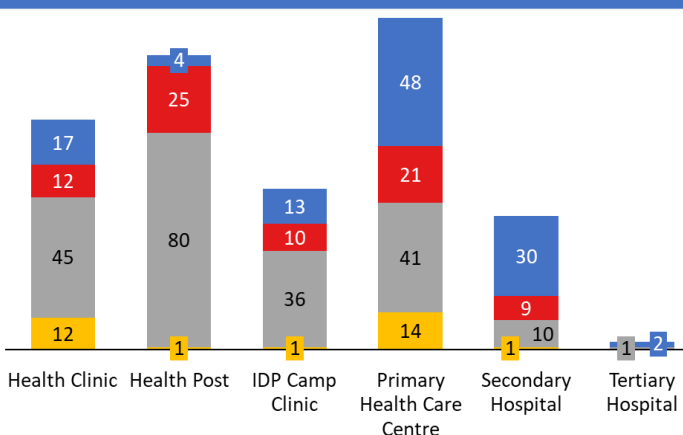
Emergency Contraception

	Health Clinic	Health Post	IDP Camp Clinic	Primary Health Care Centre	Secondary Hospital	Tertiary Hospital
Fully available	12	1	12	33	27	2
Not available	12	27	8	23	6	1
Not normally provided	58	80	39	55	16	
Partially available	4	2	1	13	1	
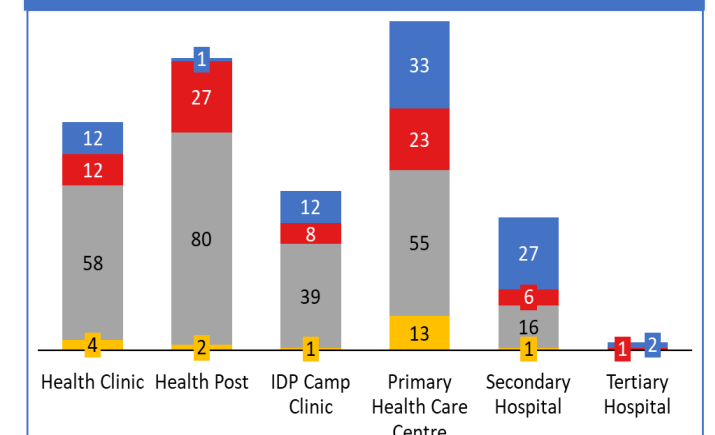
Top 3 Reasons for Lack of Availability
Lack of training of health staff
Lack of medical supplies (drugs and consumables)
Lack of health staff

■ Fully available ■ Not available ■ Not normally provided ■ Partially available

Borno State: HeRAMS Report 2019

Non-Communicable Diseases and Mental Health

Treatment of High Blood Pressure and Cardiovascular Diseases

Treatment of Diabetes

Treatment of Chronic Respiratory Conditions
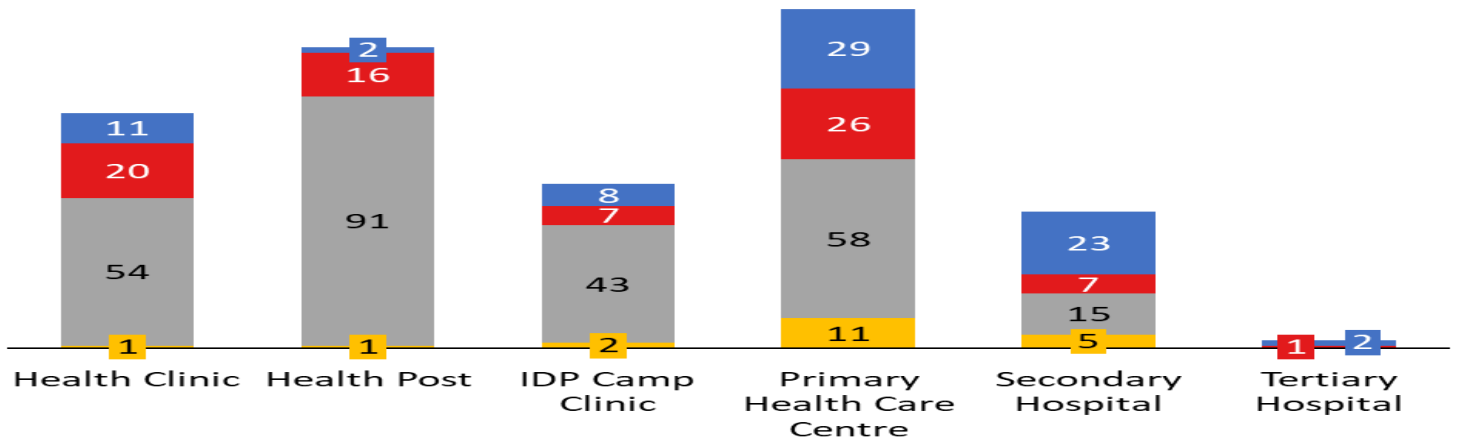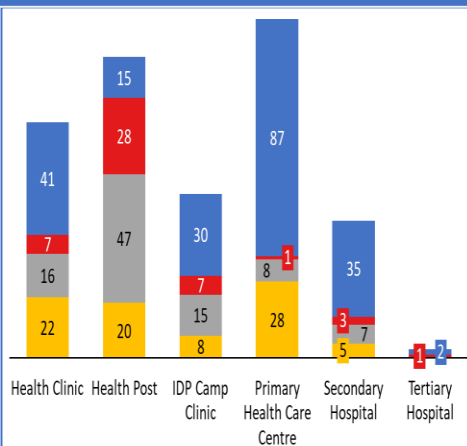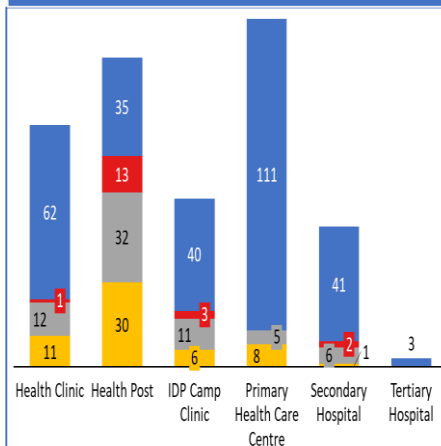

Mental Health Care

Top 3 Reasons for Lack of Availability
- Lack of medical supplies (drugs and consumables
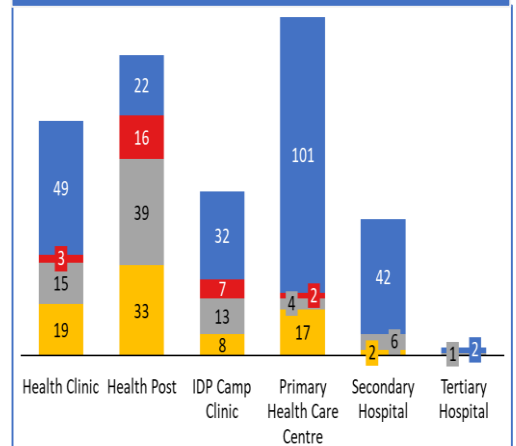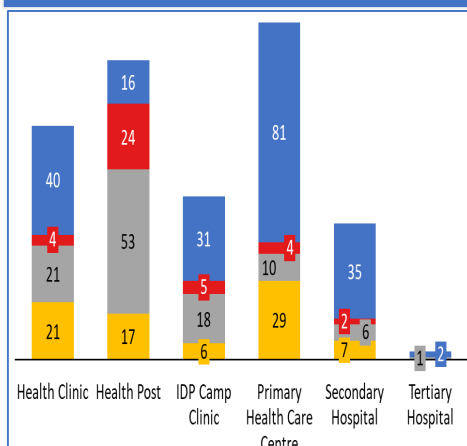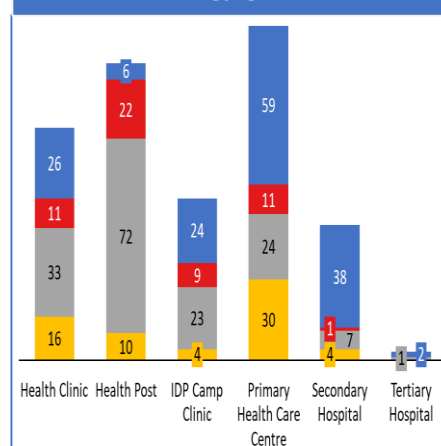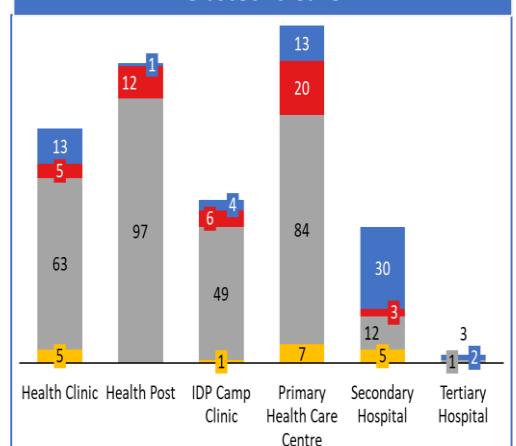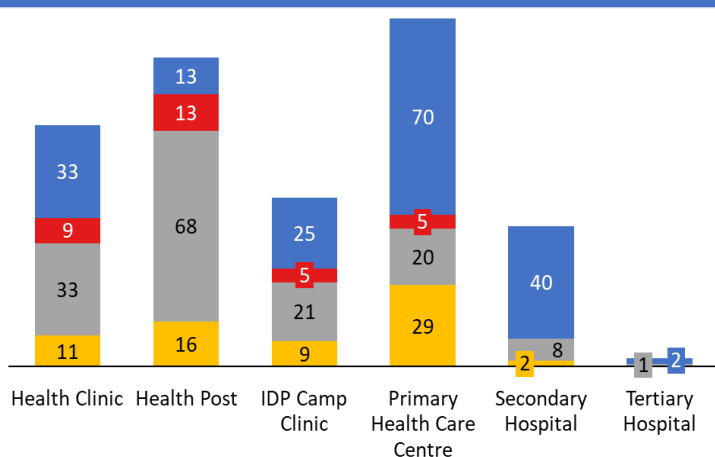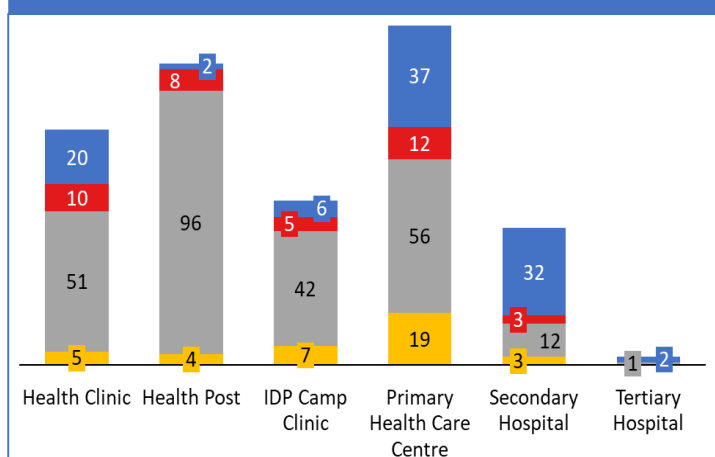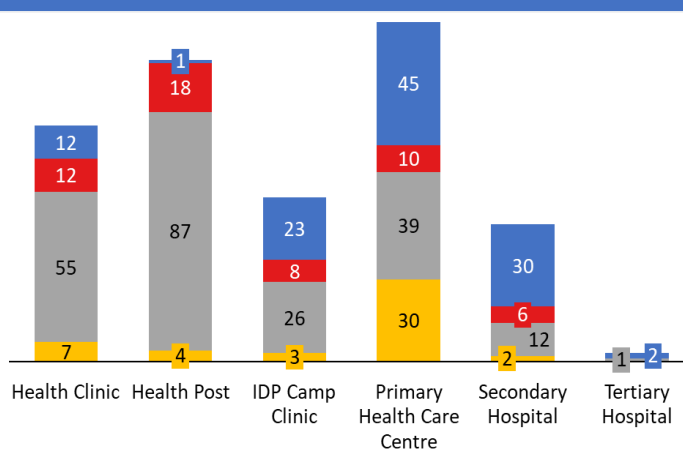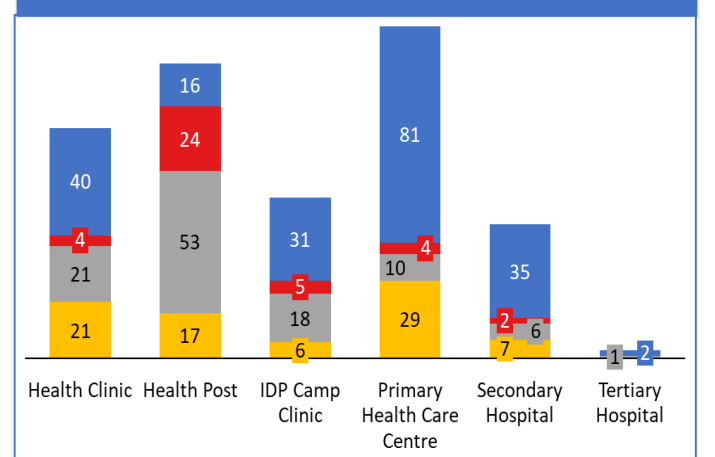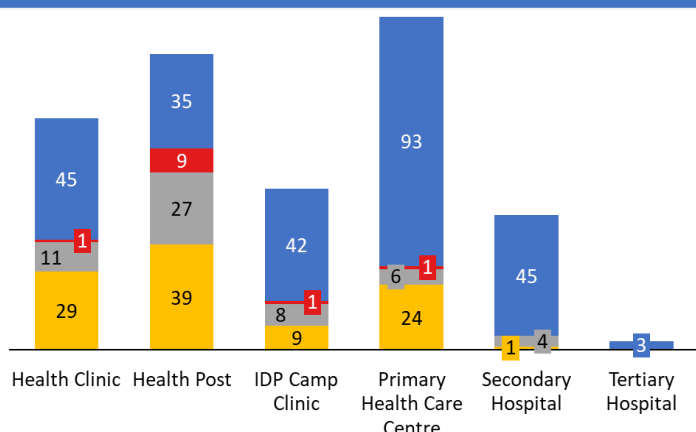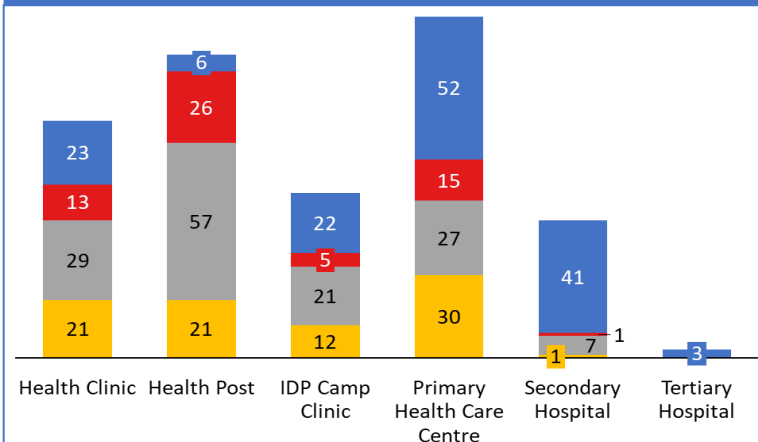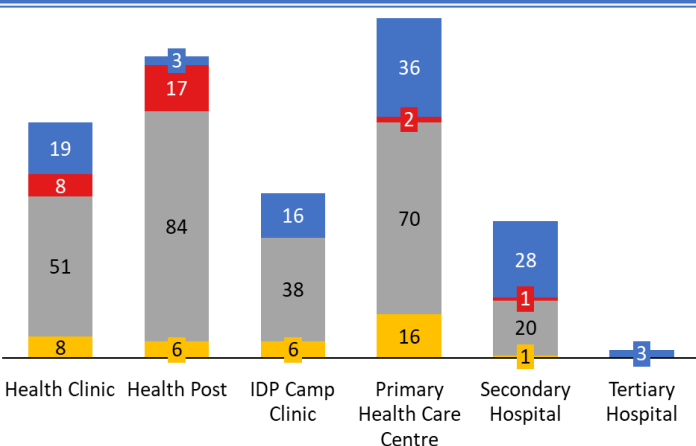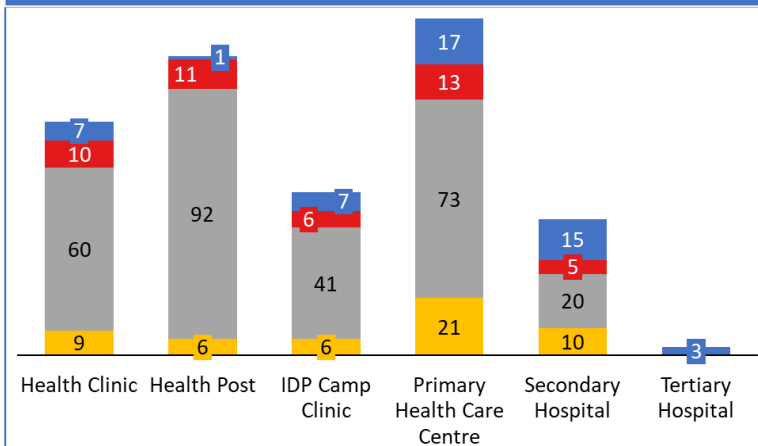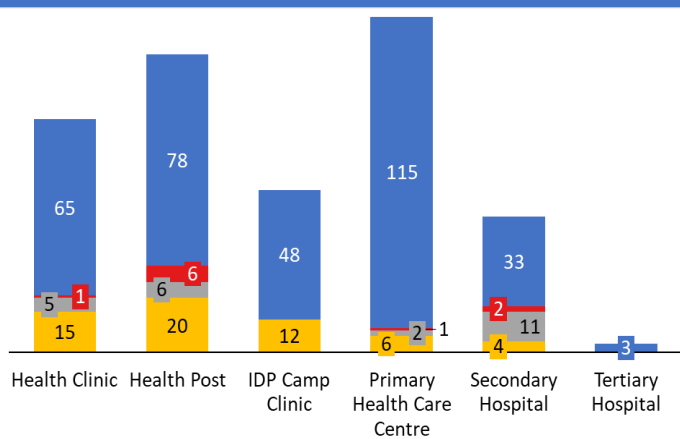- Lack of health staff
- Lack of training of health staff

Health Information

Health Records: OPD, IPD, ANC, Deliveries, Laboratory Registers, IDSR 002 & 003 Forms, Immunization Register)

Does the Facility Report to the IDSR Data?

Top 3 Reasons for Lack of Availability
- Lack of health staff
- Lack of medical supplies (drugs and consumables)
- Lack of medical equipment (incl. logistic, fuel, vehicles)

Legend: ■ Fully available ■ Not available ■ Not normally provided ■ Partially available

Borno State: HeRAMS Report 2019

Does the Facility Report to the NHMIS Data?

Data values by facility type:

Facility	Fully available	Not available	Not normally provided	Partially available
Health Clinic	66	4	13	3
Health Post	82	14	10	4
IDP Camp Clinic	45	9	3	3
Primary Health Care Centre	116	—	3	2 / 3
Secondary Hospital	32	3	15	
Tertiary Hospital	3			

Does the Facility Report to the EWARS Data

Data values by facility type:

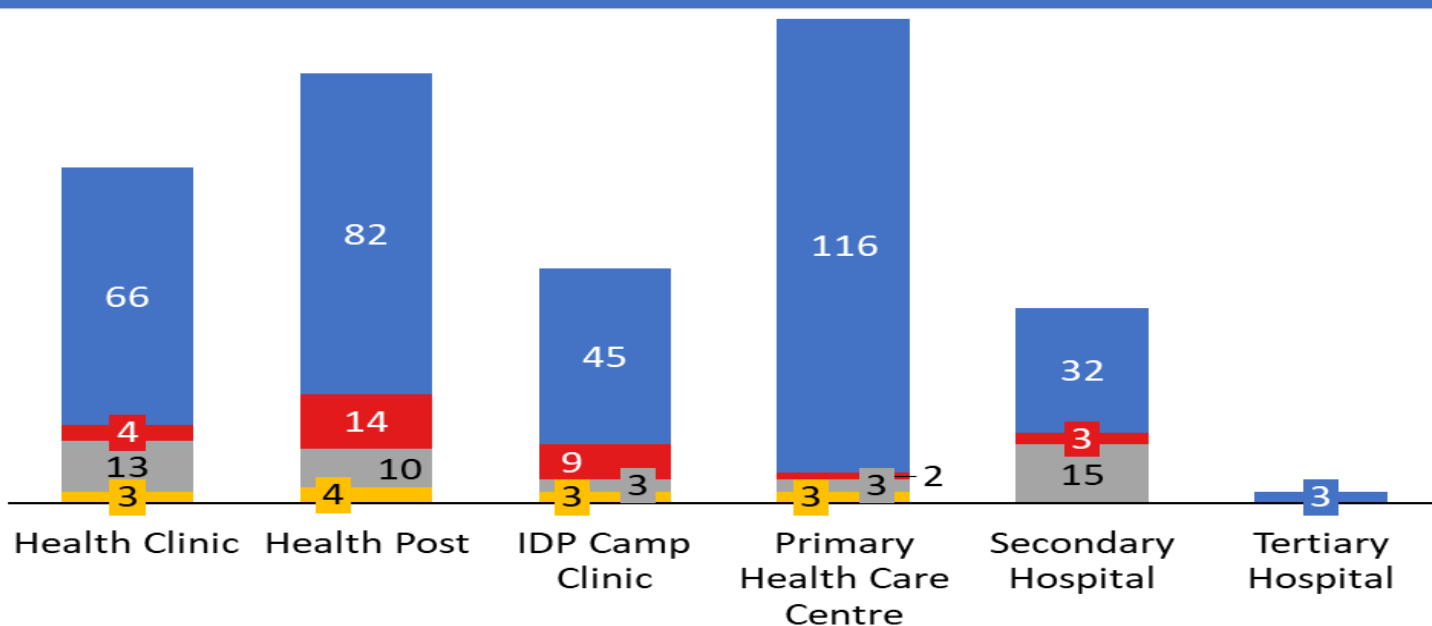| Facility	Fully available	Not available	Not normally provided	Partially available
Health Clinic	51	11	21	3
Health Post	52	27	29	2
IDP Camp Clinic	48	7	5	
Primary Health Care Centre	94	16	11	3
Secondary Hospital	23	8	17	2
Tertiary Hospital	2	1		

Top 3 Reasons for Lack of Availability
Lack of health staff
Lack of medical supplies (drugs and consumables)
Lack of medical equipment (incl. logistic, fuel, vehicles)

Legend: ■ Fully available ■ Not available ■ Not normally provided ■ Partially available