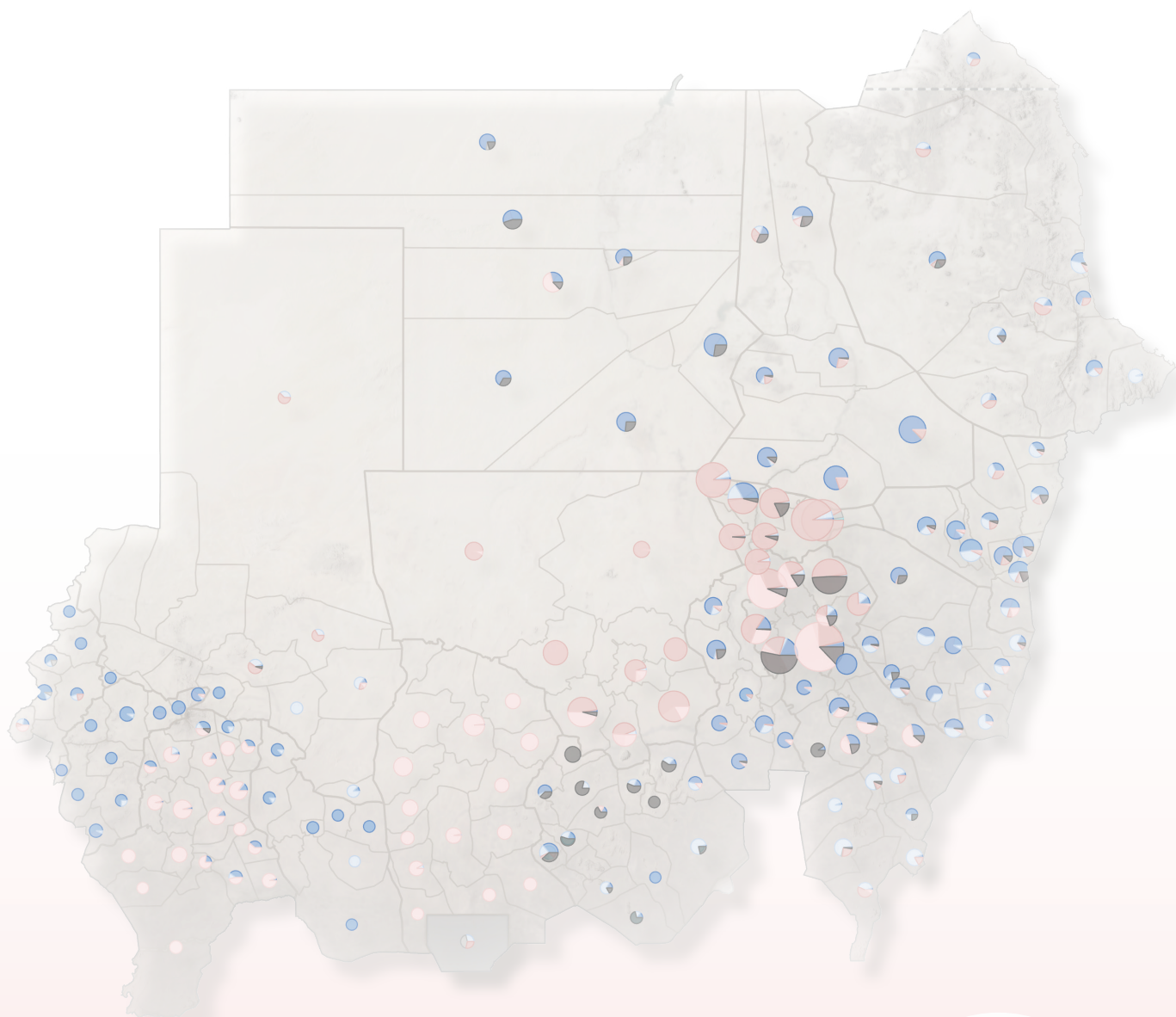




HeRAMS Sudan

Baseline report
2025



Sexual and reproductive health

A comprehensive mapping of availability of essential services and barriers to their provision



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HeRAMS Sudan

Baseline report

2025

Sexual and reproductive health

A comprehensive mapping of availability of essential services and barriers to their provision





ACRONYMS

HeRAMS	Health Resources and Services Availability Monitoring System
HSDU	Health Service Delivery Unit
IEC	Information, Education, and Communication
STI/HIV	Sexually Transmitted Infections/Human Immunodeficiency Virus
PMTCT	Prevention of Mother-to-Child HIV Transmission
ART	Antiretroviral Treatment
BEmOC	Basic Emergency Obstetric Care
CEmOC	Comprehensive Emergency Obstetric Care
MVA	Manual Vacuum Aspiration
PEP	Post-Exposure Prophylaxis
WHO	World Health Organization

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DISCLAIMER

Disruptions to health systems can impede provision of and access to essential health services. Communities' vulnerability to increased morbidity and mortality substantially increases when a lack of reliable information prevents sound decision-making, especially in rapidly changing environments that require continued assessment. The Health Resources and Services Availability Monitoring System (HeRAMS) aims to provide decision-makers and health stakeholders at large with vital and up-to-date information on the availability of essential health resources and services, help them identify gaps and determine priorities for intervention.

HeRAMS draws on the wealth of experience and knowledge gathered by the World Health Organization (WHO) and health sector actors, including nongovernmental organizations, donors, academic institutions and other technical bodies. It builds on a collaborative approach involving health service providers at large and integrating what is methodologically sound and feasible in highly constrained, low-resourced and rapidly changing environments such as humanitarian emergencies. Rapidly deployable and scalable to support emergency response and fragile states, HeRAMS can also be expanded to - or directly implemented as - an essential component of routine health information systems. Its modularity and scalability make it an essential component of emergency preparedness and response, health systems strengthening, universal health coverage and the humanitarian development nexus.

HeRAMS has been deployed in Sudan since 2023 and has allowed for the assessment of 4363 health service delivery units (HSDUs). This analysis was produced based on the data collected up to 01 July 2025. It is important to note that the deployment of HeRAMS is ongoing, including data verification and validation. Hence, this analysis is not final and was produced solely for the purpose of informing operations.

This is the fifth report of the **HeRAMS Sudan baseline report 2025** series, focusing on the availability of sexual and reproductive health services. It is a continuation of the first report on the operational status of the health system¹ and should always be interpreted in conjunction with results presented in the first report. Additional reports are available covering general clinical and trauma care service², essential child health and nutrition services³, communicable diseases services⁴, and noncommunicable diseases and mental health services⁵.

Caution must be taken when interpreting the results presented in this report. Differences between information products published by WHO, national public health authorities, and other sources using different inclusion criteria and different data cut-off times are to be expected. While steps are taken to ensure accuracy and reliability, all data are subject to continuous verification and change.

For additional information, please see <https://www.who.int/initiatives/herams> or contact herams@who.int

¹ HeRAMS Sudan baseline report 2025 - Operational status of the health system: A comprehensive mapping of the operational status of HSDUs, <https://www.who.int/publications/m/item/herams-sudan-baseline-report-2025-operational-status-of-the-health-system>.

² HeRAMS Sudan baseline report 2025 - General clinical and trauma care: A comprehensive mapping of availability of essential services and barriers to their provision, <https://www.who.int/publications/m/item/herams-sudan-baseline-report-2025-general-clinical-and-trauma-care>.

³ HeRAMS Sudan baseline report 2025 - Child health and nutrition: A comprehensive mapping of availability of essential services and barriers to their provision, <https://www.who.int/publications/m/item/herams-sudan-baseline-report-2025-child-health-and-nutrition>.

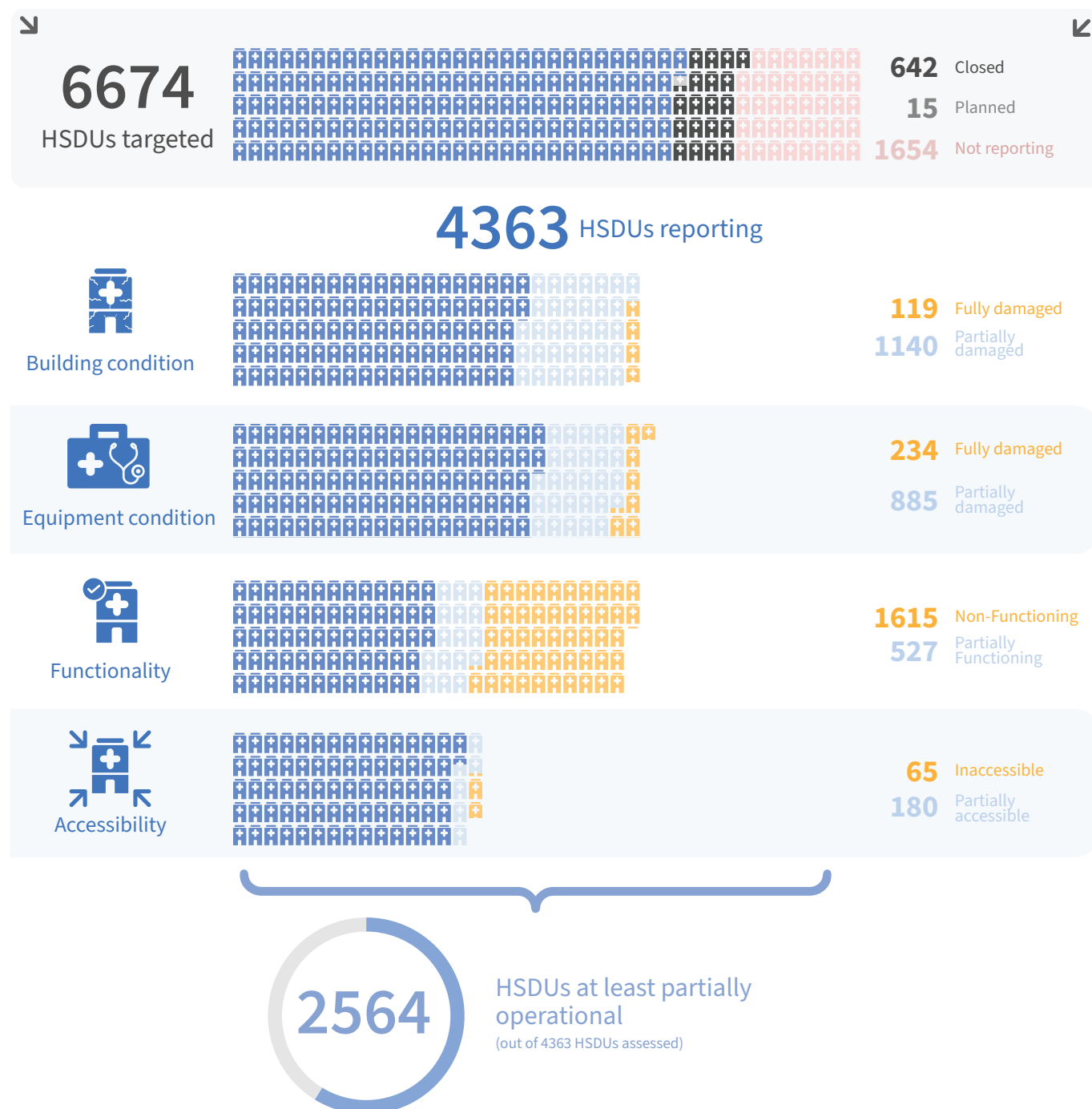
⁴ HeRAMS Sudan baseline report 2025 - Communicable diseases: A comprehensive mapping of availability of essential services and barriers to their provision, <https://www.who.int/publications/m/item/herams-sudan-baseline-report-2025-communicable-diseases>.

⁵ HeRAMS Sudan baseline report 2025 - Noncommunicable diseases and mental health: A comprehensive mapping of availability of essential services and barriers to their provision, <https://www.who.int/publications/m/item/herams-sudan-baseline-report-2025-noncommunicable-diseases-and-mental-health>.



OVERVIEW OF HSDUS EVALUATED

Data collection summary ⁶



⁶ HSDUs (Health Service Delivery Units) reported as destroyed, non-functioning, or inaccessible are deemed unable to provide any health services, hence categorized as non-operational. Consequently, reporting ends upon confirmation of an HSDU's non-operational status.



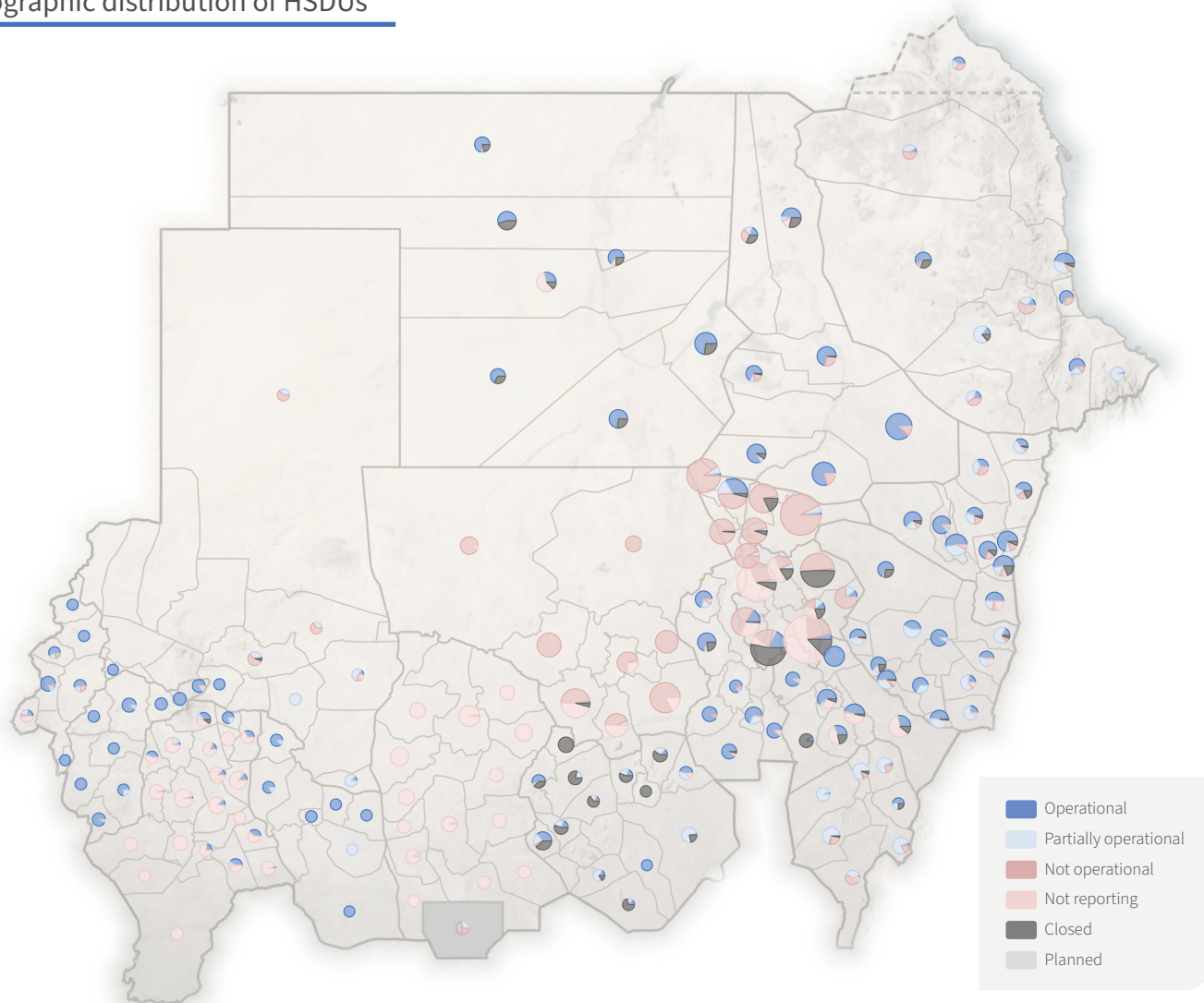
Reporting frequency and operational status by state

	Hospital				Rural hospital				Family health unit				Family health center				Other				Total			
	O	N/O	N/R	P/C	O	N/O	N/R	P/C	O	N/O	N/R	P/C	O	N/O	N/R	P/C	O	N/O	N/R	P/C	O	N/O	N/R	P/C
ABYEI PCA	-	-	-	-	1	-	-	-	2	-	-	1	1	2	-	2	-	2	-	3	4	4	-	6
AJ JAZIRAH	10	3	12	9	20	12	18	16	27	169	178	97	52	177	176	109	-	-	-	-	109	361	384	231
BLUE NILE	5	-	-	-	8	1	-	-	56	24	2	2	66	12	-	4	3	-	-	-	138	37	2	6
CENTRAL DARFUR	3	-	-	-	1	-	-	-	32	-	-	-	42	-	1	-	6	-	-	-	84	-	1	-
EAST DARFUR	-	-	-	-	1	-	-	-	4	-	-	-	19	-	-	-	2	-	-	-	26	-	-	-
GEDAREF	6	-	-	-	30	-	-	-	206	6	18	18	114	-	1	3	-	-	-	-	356	6	19	21
KASSALA	29	-	4	-	14	2	-	2	148	36	13	13	202	13	9	18	-	-	-	1	393	51	26	34
KHARTOUM	16	66	-	4	11	4	-	-	4	160	-	10	74	489	-	18	-	-	-	-	105	719	-	32
NORTH DARFUR	3	-	-	-	-	-	-	-	16	8	1	-	15	13	-	-	2	-	-	1	36	21	1	1
NORTH KORDOFAN	1	3	1	-	5	16	6	-	2	294	72	1	3	149	58	-	-	12	-	4	11	474	137	5
NORTHERN	4	-	-	-	22	-	2	-	89	-	23	76	77	-	10	11	-	-	-	-	192	-	35	87
RED SEA	11	-	2	-	13	3	-	2	76	49	-	12	110	11	3	5	3	-	-	-	213	63	5	19
RIVER NILE	3	-	-	1	27	1	1	-	76	20	9	21	196	33	6	13	-	-	-	-	302	54	16	35
SENNAR	7	-	-	2	19	-	-	1	53	-	103	25	101	-	11	14	-	-	-	-	180	-	114	42
SOUTH DARFUR	1	-	1	-	4	-	10	-	15	-	200	-	48	-	144	2	-	-	-	-	68	-	355	2
SOUTH KORDOFAN	3	-	-	-	1	-	-	2	39	1	4	77	67	-	-	42	-	-	-	-	110	1	4	121
WEST DARFUR	3	-	-	-	4	-	-	-	2	-	2	-	32	3	2	1	2	-	-	2	43	3	4	3
WEST KORDOFAN	1	-	5	-	2	-	19	-	-	-	151	-	1	-	206	-	-	-	-	-	4	-	381	-
WHITE NILE	21	-	1	-	1	-	-	-	105	4	5	12	63	1	2	-	-	-	-	-	190	5	8	12
GRAND TOTAL	127	72	39	16	184	39	56	23	952	771	858	365	1283	903	701	242	18	14	-	11	2564	1799	1654	657

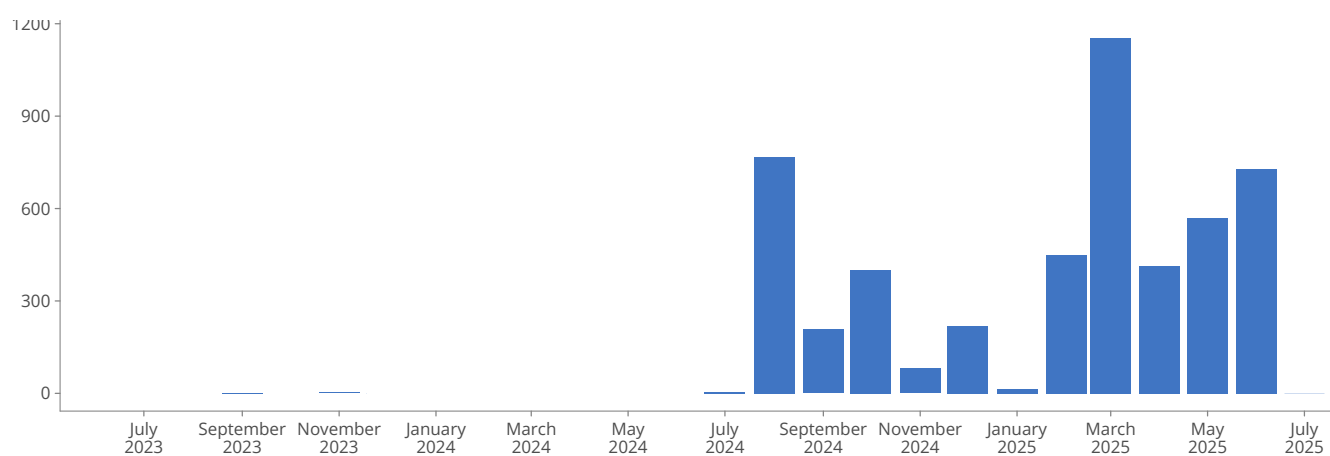
O = At least partially operational - N/O = Not operational - N/R = Not reporting - P/C = Planned / closed



Geographic distribution of HSDUs



Date of last update





OVERVIEW OF SERVICE AVAILABILITY

Service availability and main barriers



STI and HIV/AIDS

Service	Availability (%)				Barriers (%)				
IEC on STI/HIV	5	2	50	41	45	16	62	57	25
STI/HIV Advocacy	3	2	53	41	59	22	60	55	24
Syndromic management of STIs	4	2	51	41	47	9	93	53	12
HIV counselling and testing	2	2	54	41	66	14	90	61	9
PMTCT	2	2	55	41	62	7	94	63	10
Antiretroviral treatment	1	2	55	41	56	5	93	61	12



Maternal and newborn health

Service	Availability (%)					Barriers (%)				
										
Family planning	23	6	6	24	41	24	21	83	35	25
Antenatal care	22	5	5	26	41	39	19	78	48	21
Clean home deliveries	12	5	7	34	41	40	14	70	45	17
Skilled care during childbirth	11	5	7	37	41	41	23	69	44	14
Basic emergency obstetric care	6	2	6	45	41	34	14	87	63	34
Comprehensive emergency obstetric care	2	2		54	41	24	18	86	65	26
Post-partum care	11	14		42	41	51	22	67	52	19
Comprehensive abortion care	2	2		54	41	47	10	88	73	24



Sexual violence

Service	Availability (%)			Barriers (%)				
								
Clinical management of rape survivors	22	53	41	49	26	95	71	8
Emergency contraception	22	54	41	52	8	97	61	10
Post-exposure prophylaxis	22	54	41	47	6	98	62	5

Availability status

- Available
- Partially available
- Not available
- Not operational

Barriers for partial availability or non-availability.

- Lack of staff
- Lack of training
- Lack of supplies
- Lack of equipment
- Lack of financial resources



Number of HSDUs providing services per target population ⁷



STI and HIV/AIDS

	Abyei PCA	Aj Jazirah	Blue Nile	Central Darfur	East Darfur	Gedaref	Kassala	Khartoum	North Darfur	North Kordofan	Northern	Red Sea	River Nile	Sennar	South Darfur	South Kordofan	West Darfur	West Kordofan	White Nile	Target population
IEC on STI/HIV	0.5	0	0.1	0.4	0.1	0	0.3	0	0	0	0	0.1	0	0	0.1	0	0.2	0	0	10 000
STI/HIV Advocacy	0	0	0.1	0.4	0.1	0	0.1	0	0	0	0	0	0	0	0.1	0	0.1	0	0	10 000
Syndromic management of STIs	0.2	0	0.1	0.4	0.1	0	0.1	0	0	0	0	0.1	0	0	0.1	0	0.1	0	0	10 000
HIV counselling and testing	0	0	0.1	0.2	0.1	0	0	0	0	0	0	0.1	0	0	0	0	0.1	0	0	10 000
PMTCT	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0.2	0	0	10 000
Antiretroviral treatment	0	0	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0.1	0	0.1	0	0	10 000



Maternal and newborn health

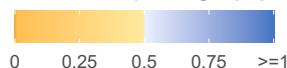
	Abyei PCA	Aj Jazirah	Blue Nile	Central Darfur	East Darfur	Gedaref	Kassala	Khartoum	North Darfur	North Kordofan	Northern	Red Sea	River Nile	Sennar	South Darfur	South Kordofan	West Darfur	West Kordofan	White Nile	Target population
Family planning	1.2	0	1.2	0.6	0.1	0.6	1	0.1	0	0	0.7	0.3	0.8	0.1	0.1	0.1	0.4	0	0.2	10 000
Antenatal care	1.7	0	0.8	0.8	0.1	0.6	1	0	0	0	0.7	0.3	0.5	0	0.2	0.1	0.5	0	0.1	10 000
Clean home deliveries	0.5	0	0.7	0.8	0.1	0.1	0.6	0	0	0	0.4	0.2	0.1	0	0.2	0.1	0.4	0	0.1	10 000
Skilled care during childbirth	1	0	0.5	0.9	0.1	0.1	0.5	0	0	0	0.3	0.1	0.1	0	0.1	0.1	0.5	0	0.1	10 000
Basic emergency obstetric care	0.2	0	0.4	0.7	0	0.1	0	0	0	0	0.3	0.1	0	0	0	0	0.4	0	0.1	10 000
Comprehensive emergency obstetric care	0	0	4.6	4.2	0.1	0.2	0.6	0.2	0.1	0	0.2	1	0.3	0.5	0.2	0.4	1.4	0.2	0.6	250 000
Post-partum care	2	0	0.2	0.8	0.1	0.1	0.4	0	0	0	0.6	0.2	0	0	0.1	0.1	0.5	0	0.1	10 000
Comprehensive abortion care	0	0	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0.1	10 000



Sexual violence

	Abyei PCA	Aj Jazirah	Blue Nile	Central Darfur	East Darfur	Gedaref	Kassala	Khartoum	North Darfur	North Kordofan	Northern	Red Sea	River Nile	Sennar	South Darfur	South Kordofan	West Darfur	West Kordofan	White Nile	Target population
Clinical management of rape survivors	0.5	0	0.2	0.2	0.1	0	0	0	0	0	0	0	0	0	0.1	0	0.1	0	0	10 000
Emergency contraception	0	0	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0	0.1	0	0.2	0	0	10 000
Post-exposure prophylaxis	0	0	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0	0.1	0	0.1	0	0	10 000

Number of HSDUs per target population



⁷ To account for partially available services, a weighing was applied with a weight of 1 given to services reported as fully available and 0.5 for partially available services. As target populations may vary across services, an additional column has been included to the right of the graph to assist readers in comprehending the target populations associated with each service. See [Annex 1](#) for population estimates per state.

IN-DEPTH ANALYSIS BY HEALTH SERVICE

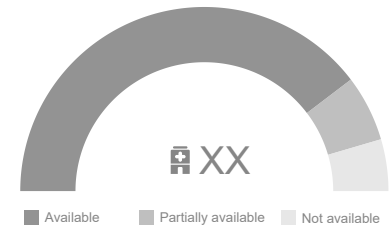




INTERPRETATION GUIDE

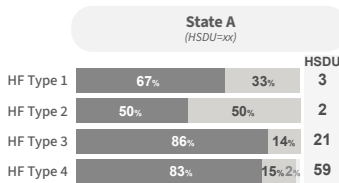
Service status

Arc charts provide an overview of the overall availability of a health service. The total number of HSDUs included in the analysis of a service is shown inside the arc chart.



For further insights, donut charts break down service availability by HSDU type. To improve readability, labels indicating the availability level for each category are provided either beside or below the chart. Additionally, to highlight the percentage of HSDUs where an service is available up to standard, the number may also be prominently placed inside the chart. Information on the total number of HSDUs included is clearly indicated above or below the respective donut.

Column charts offer a breakdown of service availability by state. The numbers represented by the bars indicate the count of HSDUs that fall into the specified availability category. The length of each bar is determined by the total number of HSDUs in the state. The total number of HSDUs included in each state is indicated under the state name.



Column charts by HSDU type display the availability of services by state and HSDU type. Each bar represents the percentage of HSDU falling into each category for the specified HSDU type and state. The grey bar on the right shows the number of HSDU falling into the category. By default these charts exclude HSDUs where a service was not normally provided or the HSDU did not report on it.

Maps use pie charts to depict the availability of an service at the locality level. The size of each circle represents the total number of HSDUs in the locality, while each slice reflects a specific availability level.



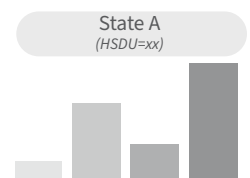
Barriers



To gain a more comprehensive understanding of the challenges faced by HSDUs, whenever a service was not or only partially available, main barriers impeding availability were recoded.

Each **donut chart** indicates the percentage of HSDUs having reported a specific barrier. The total number of HSDUs reporting at least one barrier is shown below the chart header.

Bar charts further break down barriers by state. Each bar represents a specific barrier, with the percentage value indicating the proportion of HSDUs reporting that particular barrier. Additionally, the number of HSDUs reporting at least one barrier is displayed below the Locality's name.

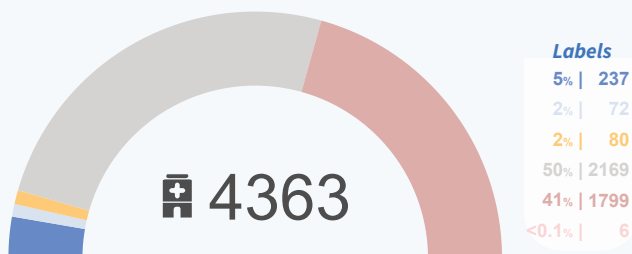


Important: The denominator for barrier charts excludes HSDUs where the service is fully available or not normally provided. It should further be noted that HSDUs can report up to three barriers for each service. Thus, the sum of all barriers may exceed 100%.

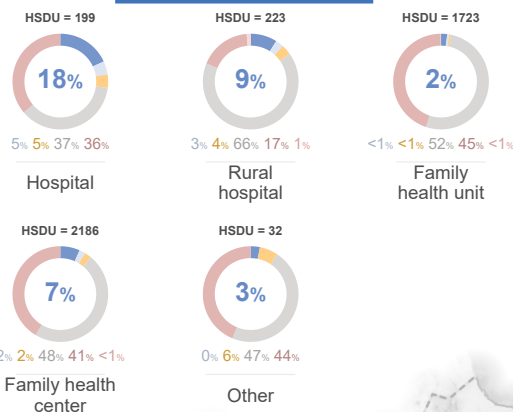


IEC ON STI/HIV

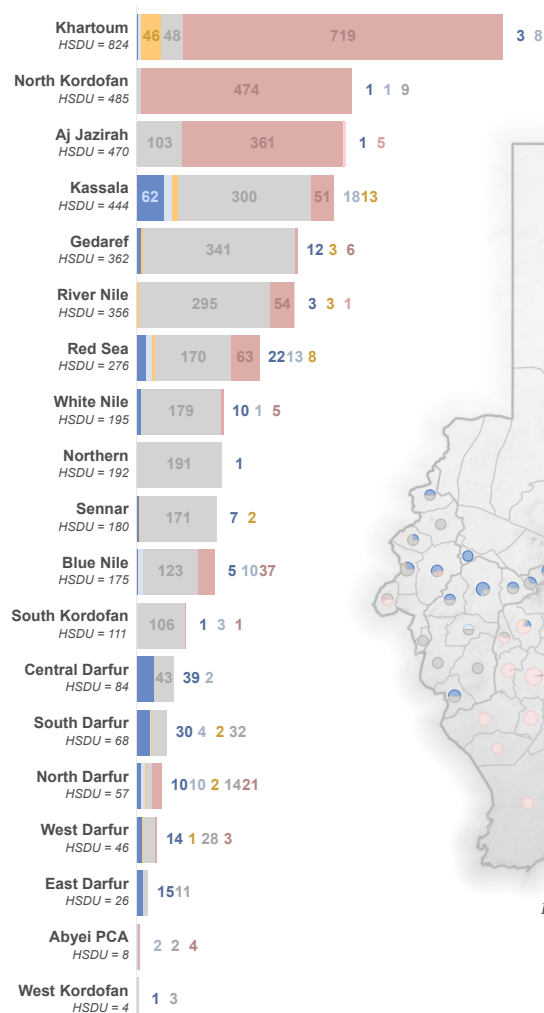
Service availability⁸



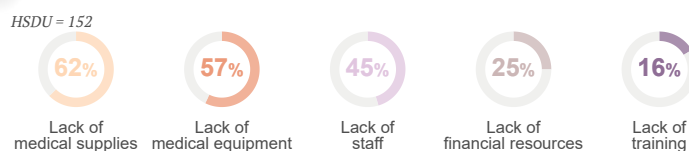
Service availability by HSDU type



Service availability by state

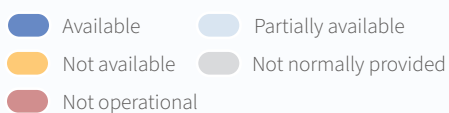


Barriers impeding service availability

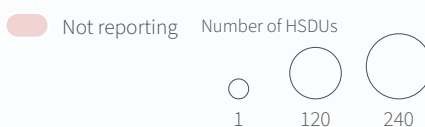


⁸ Information, education, and communication (IEC) on prevention of sexually transmitted infections (STI) and human immunodeficiency virus (HIV), and behavior change communications.

Availability status

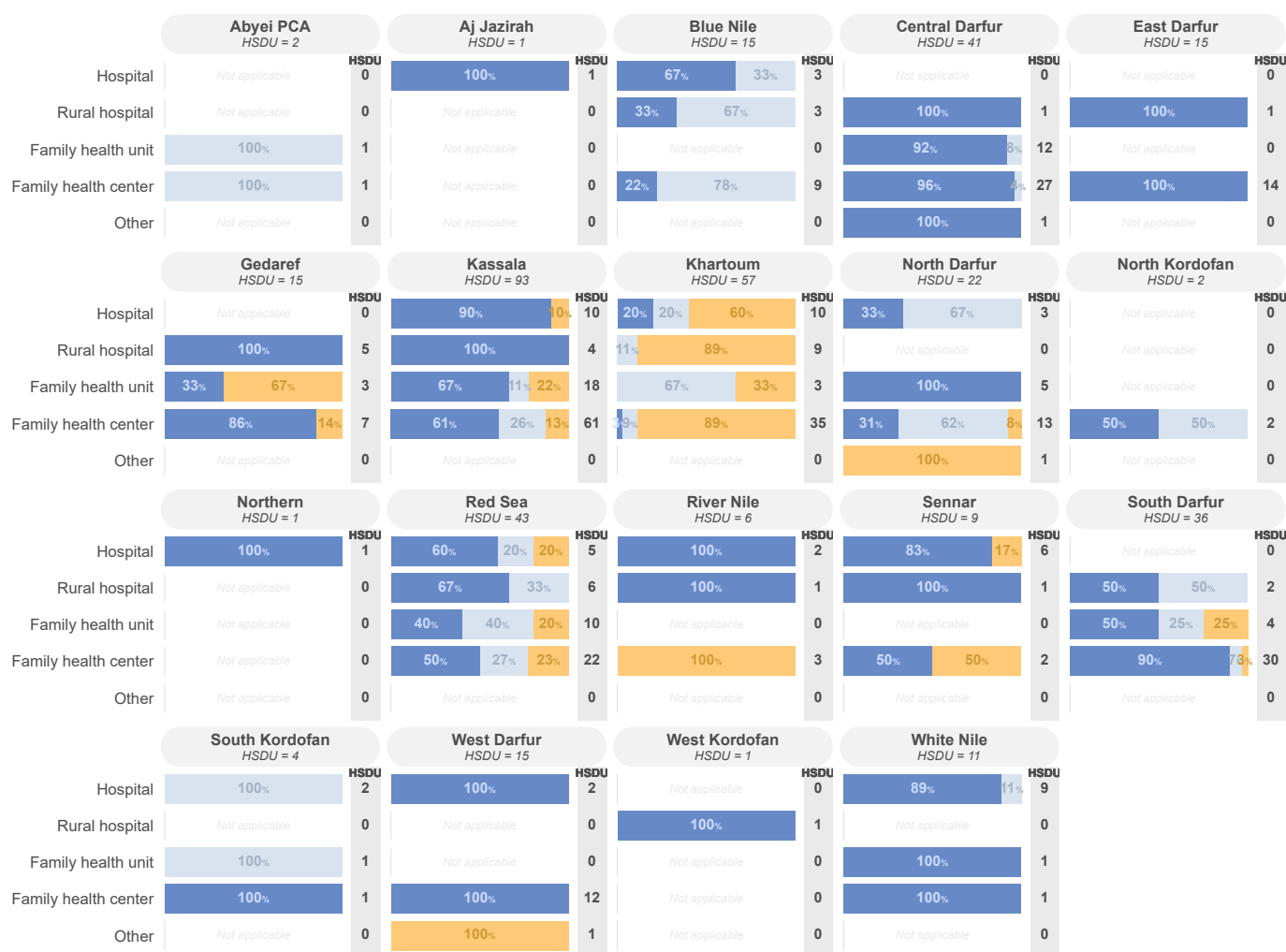


Maps

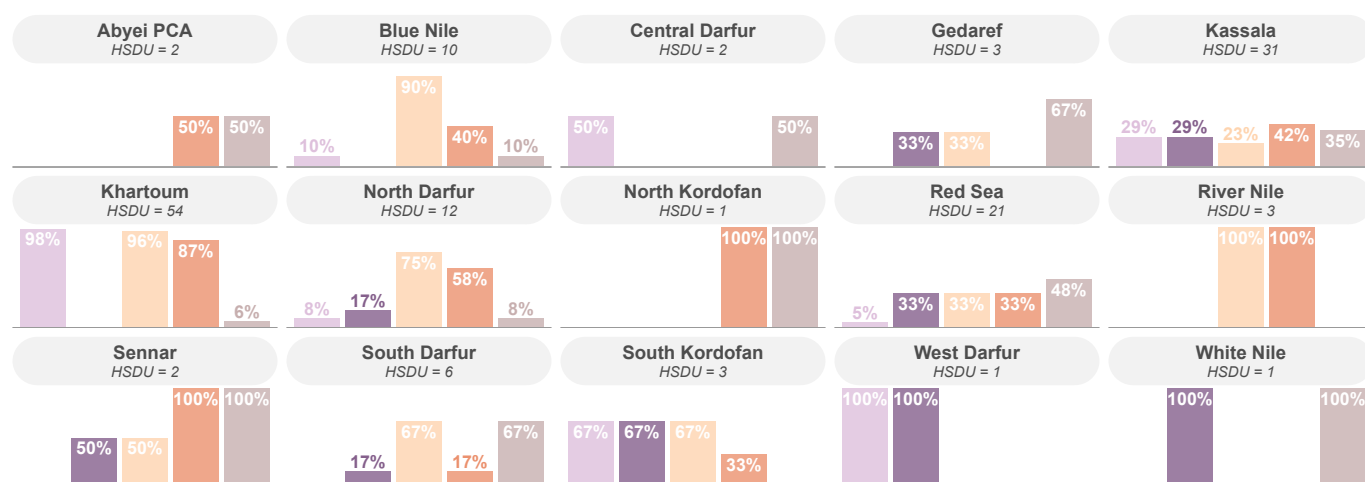




Service availability by HSDU type and state*



Barriers impeding service availability by state



Availability status

- Available
- Partially available
- Not available

Barriers for partial availability or non-availability.

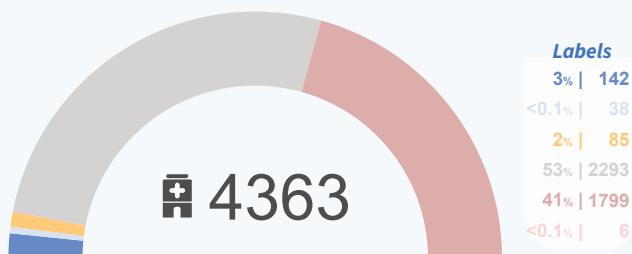
- Lack of staff
- Lack of supplies
- Lack of financial resources
- Lack of training
- Lack of equipment

* Non-operational HSDU and those not normally providing the service are excluded from this chart.

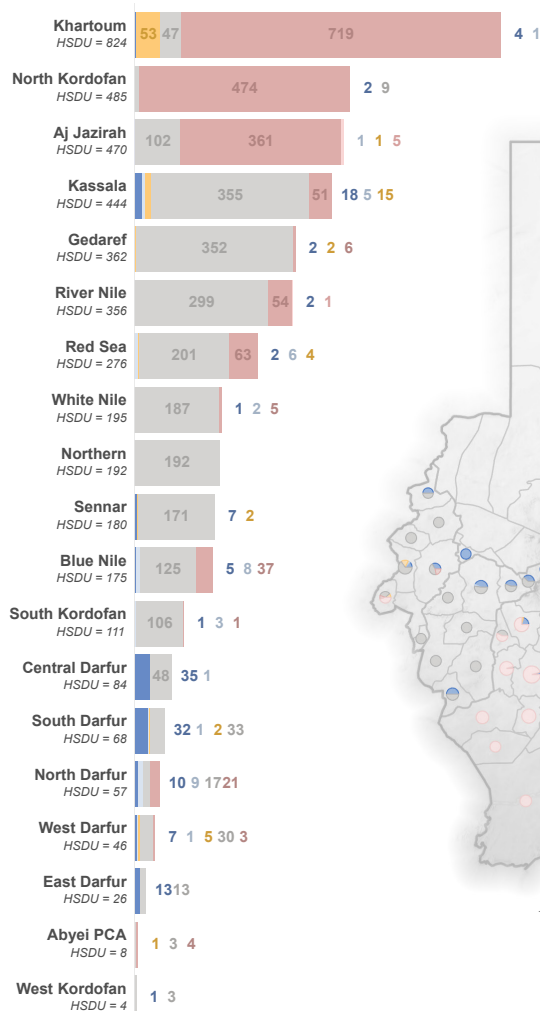


STI/HIV ADVOCACY

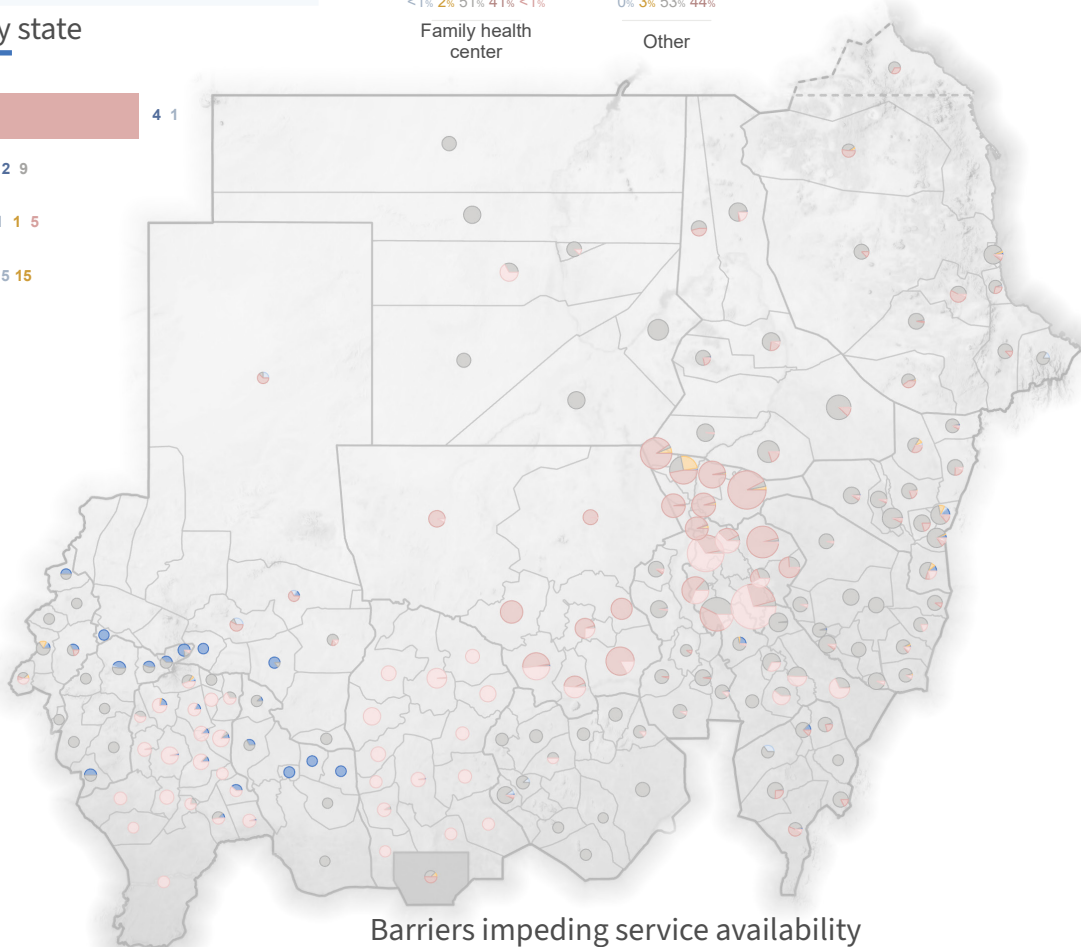
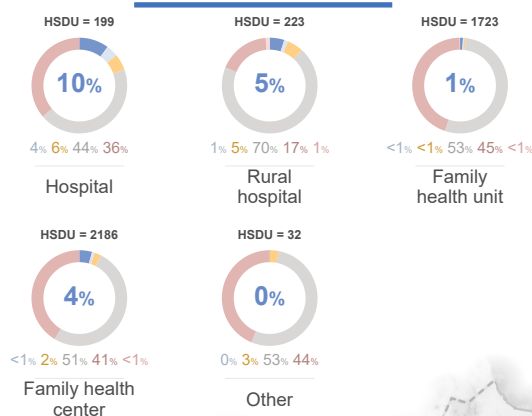
Service availability⁹



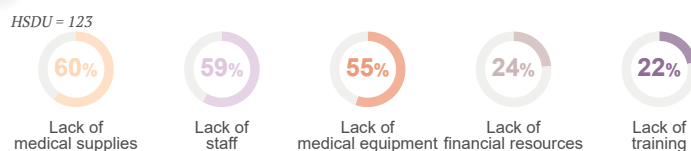
Service availability by state



Service availability by HSDU type

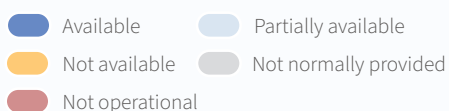


Barriers impeding service availability

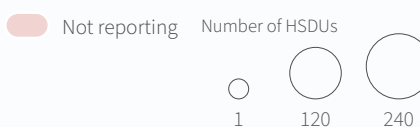


⁹ Advocacy for community leaders on STI/HIV risks.

Availability status

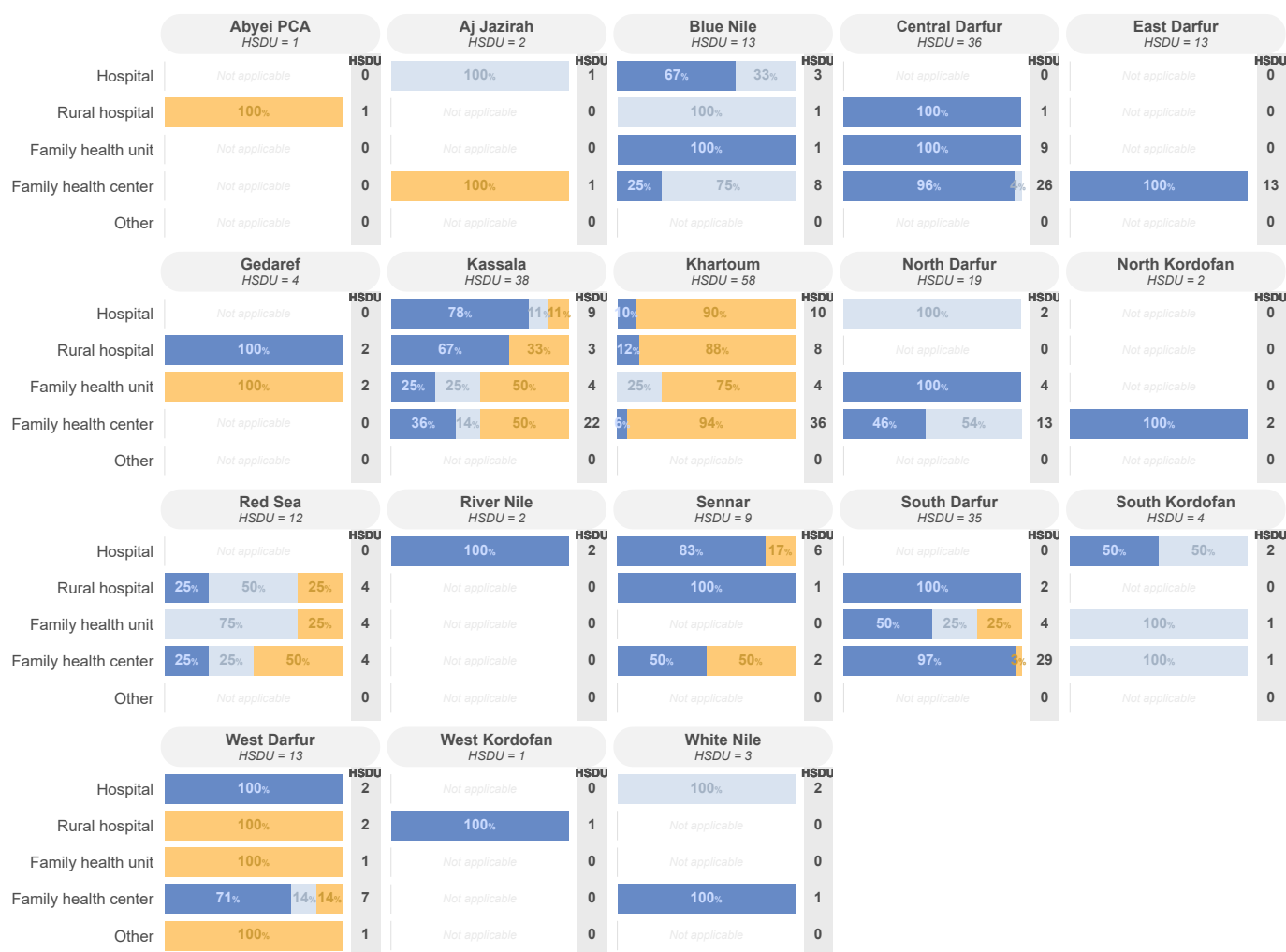


Maps

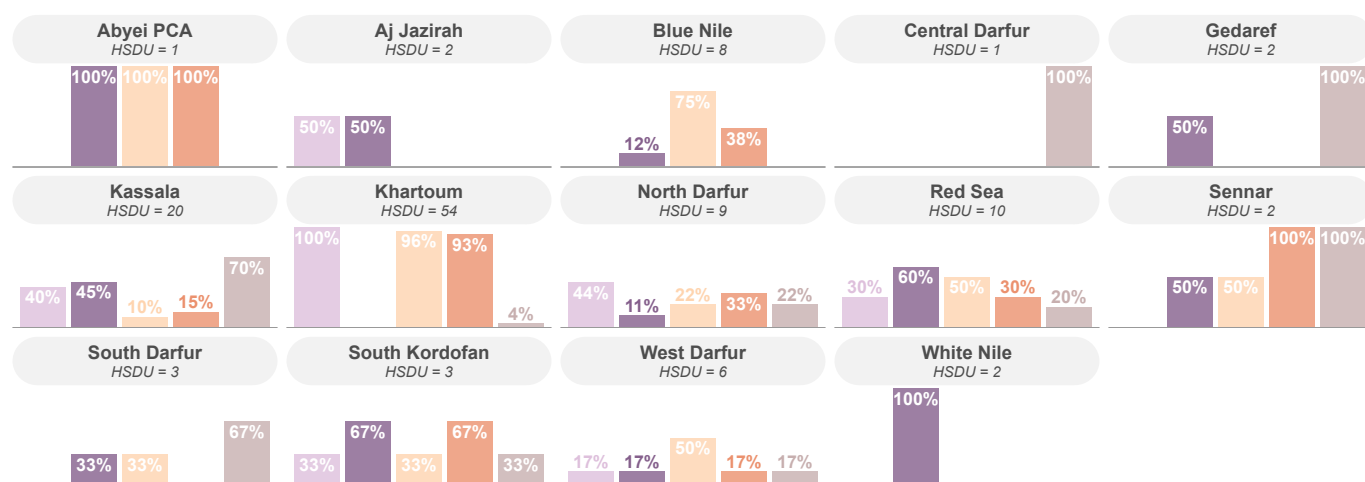




Service availability by HSDU type and state*



Barriers impeding service availability by state



Availability status

- Available
- Partially available
- Not available

Barriers for partial availability or non-availability.

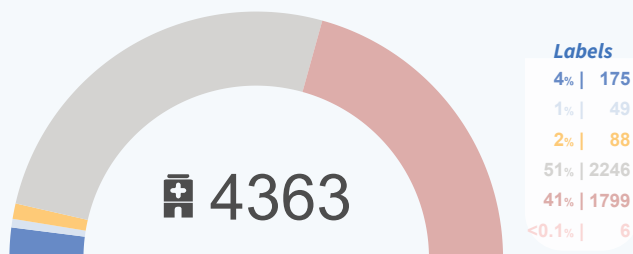
- Lack of staff
- Lack of supplies
- Lack of financial resources
- Lack of training
- Lack of equipment

* Non-operational HSDU and those not normally providing the service are excluded from this chart.

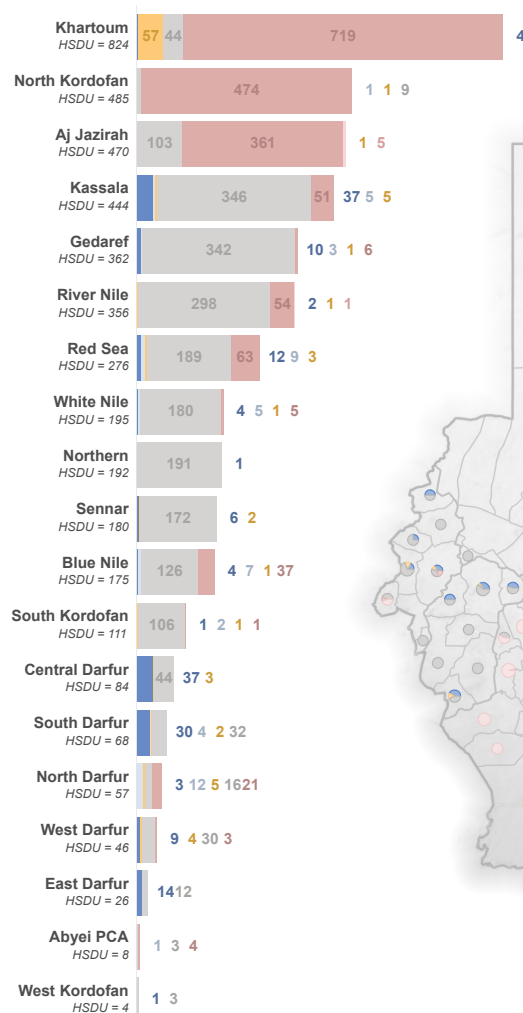


SYNDROMIC MANAGEMENT OF STIS

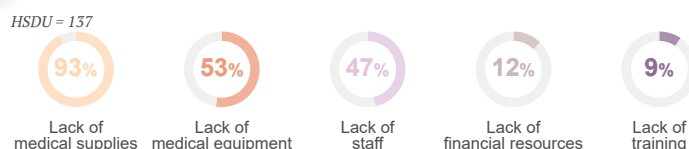
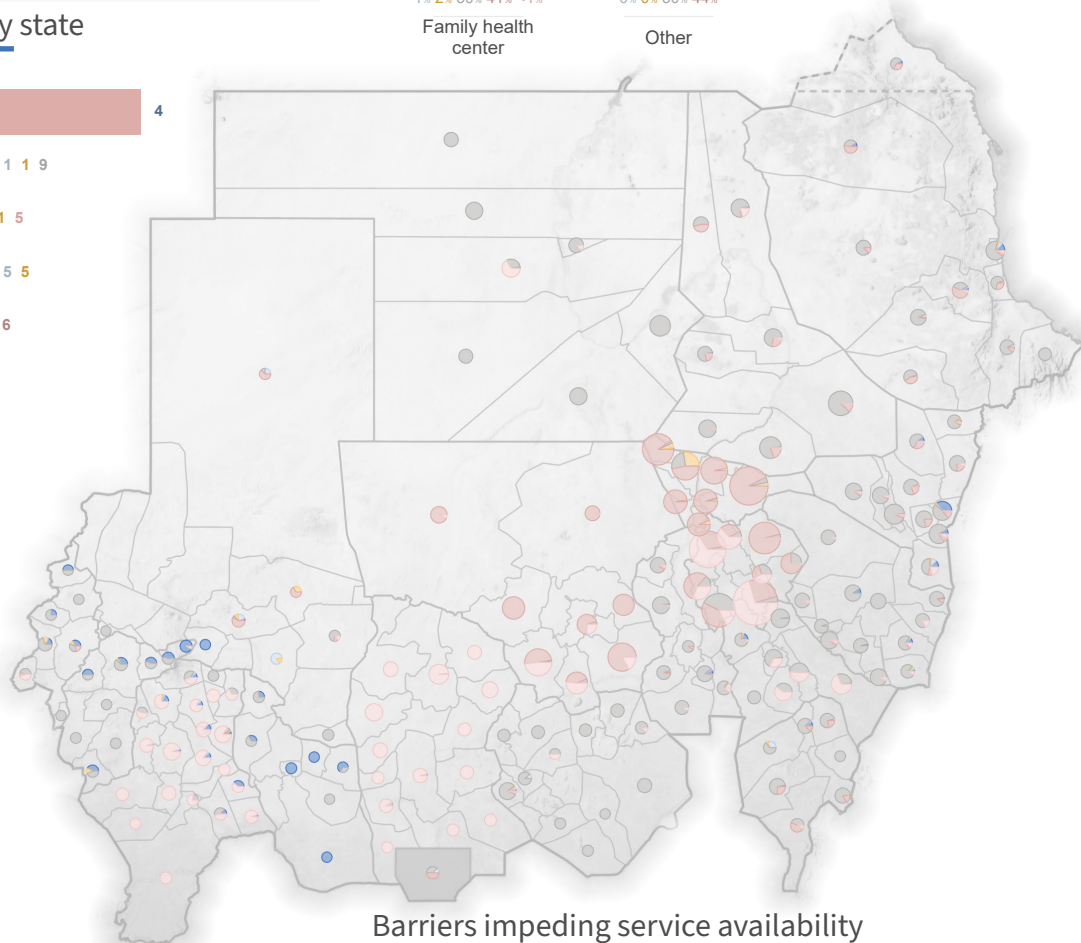
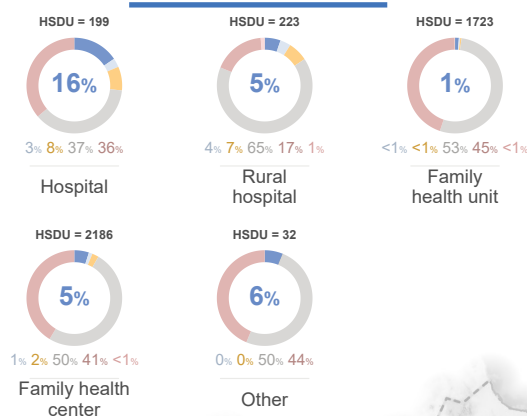
Service availability¹⁰



Service availability by state

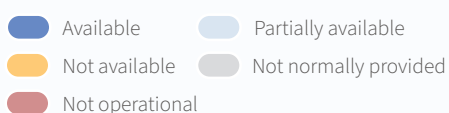


Service availability by HSDU type

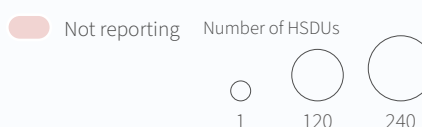


¹⁰ Syndromic management of STIs, national first-line antibiotics available.

Availability status

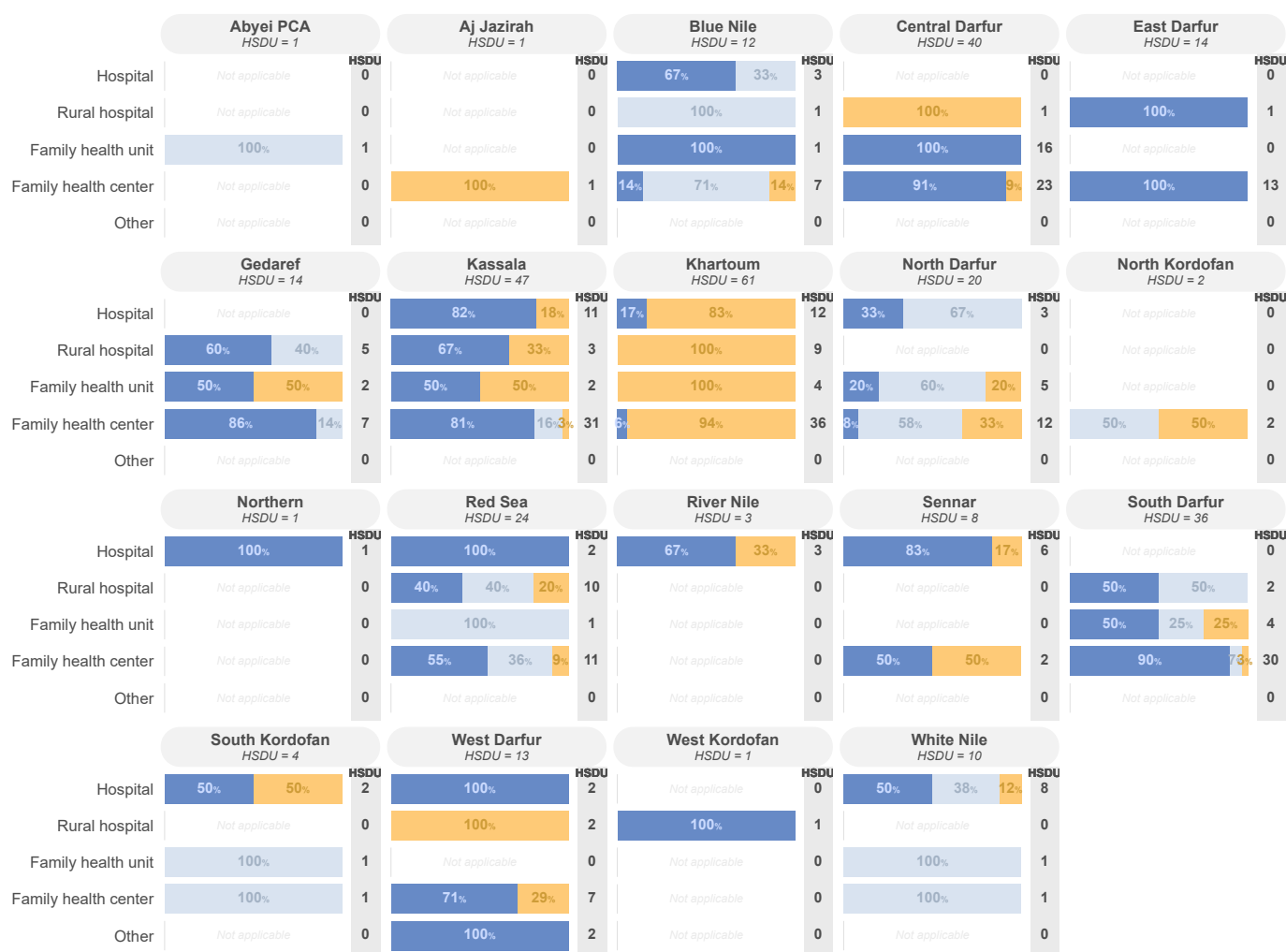


Maps

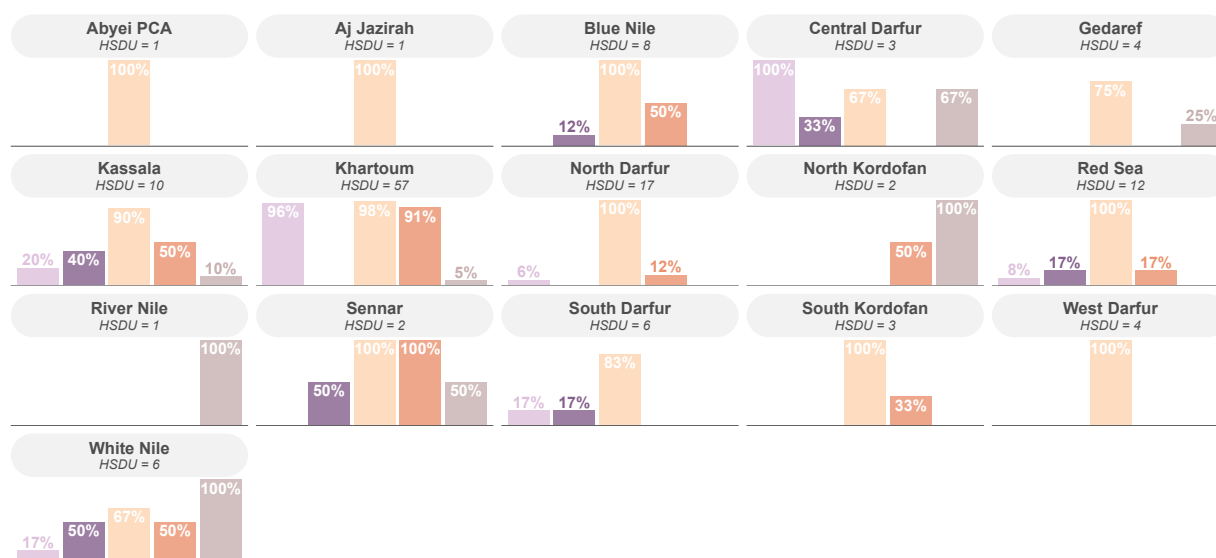




Service availability by HSDU type and state*



Barriers impeding service availability by state



Availability status

- Available
- Partially available
- Not available

Barriers for partial availability or non-availability.

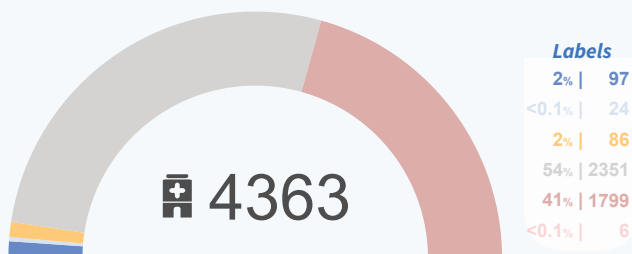
- Lack of staff
- Lack of supplies
- Lack of financial resources
- Lack of training
- Lack of equipment

* Non-operational HSDU and those not normally providing the service are excluded from this chart.

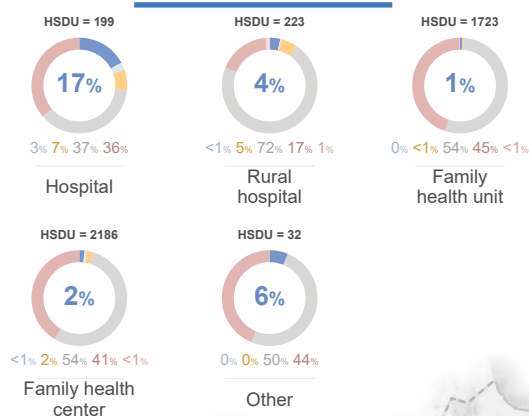


HIV COUNSELLING AND TESTING

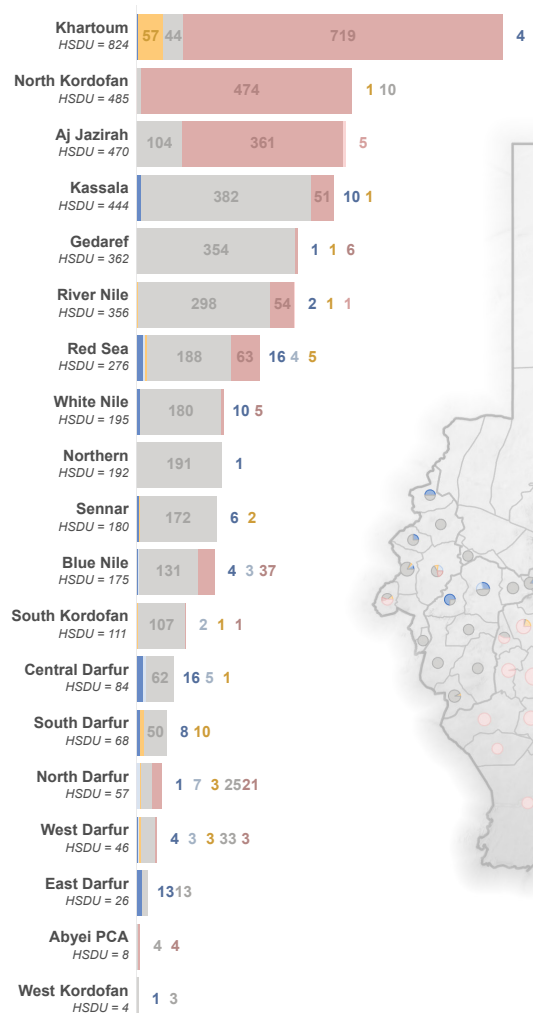
Service availability¹¹



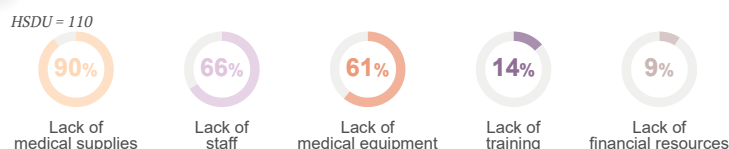
Service availability by HSDU type



Service availability by state

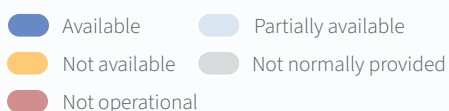


Barriers impeding service availability

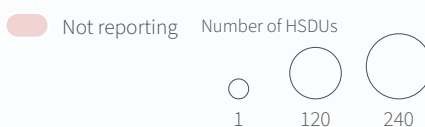


¹¹ Availability of HIV counselling and testing.

Availability status

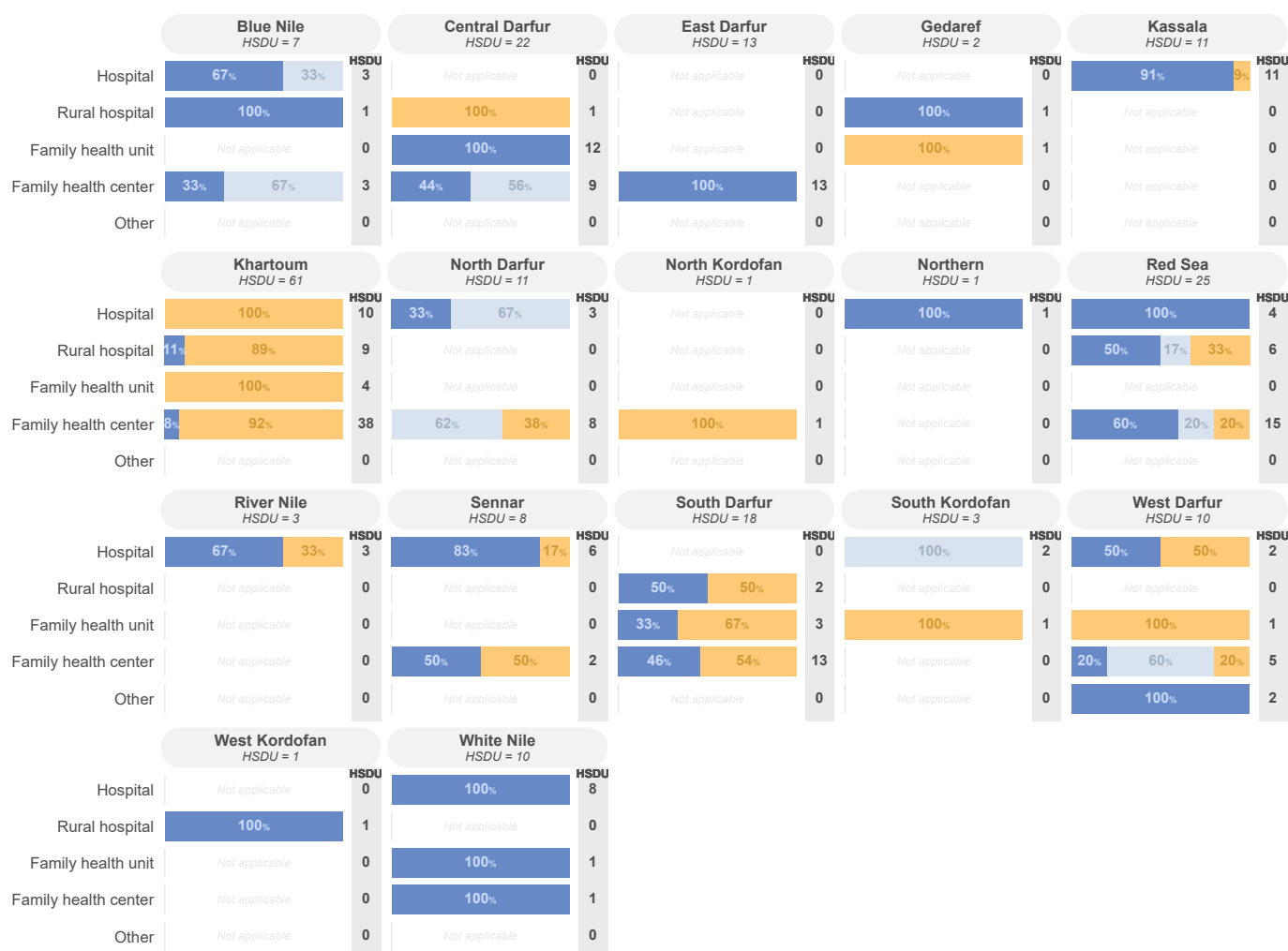


Maps

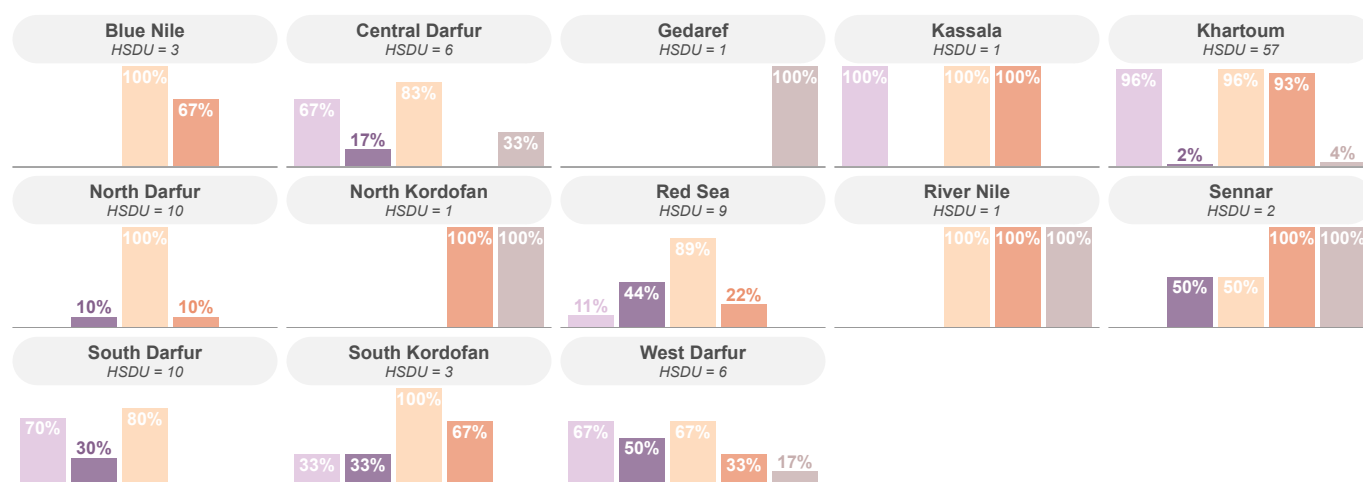




Service availability by HSDU type and state*



Barriers impeding service availability by state



Availability status

- Available
- Partially available
- Not available

Barriers for partial availability or non-availability.

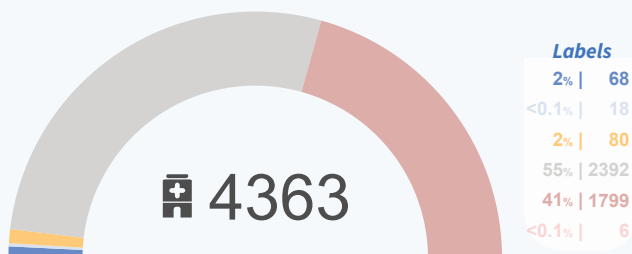
- Lack of staff
- Lack of supplies
- Lack of financial resources
- Lack of training
- Lack of equipment

* Non-operational HSDU and those not normally providing the service are excluded from this chart.

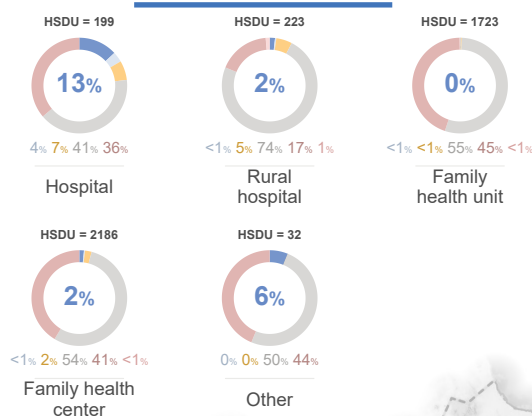


PREVENTION OF MOTHER-TO-CHILD HIV TRANSMISSION

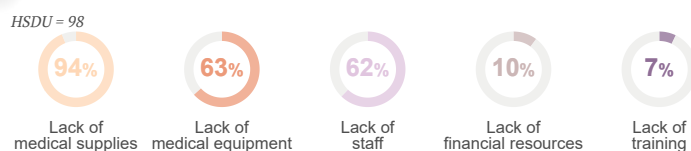
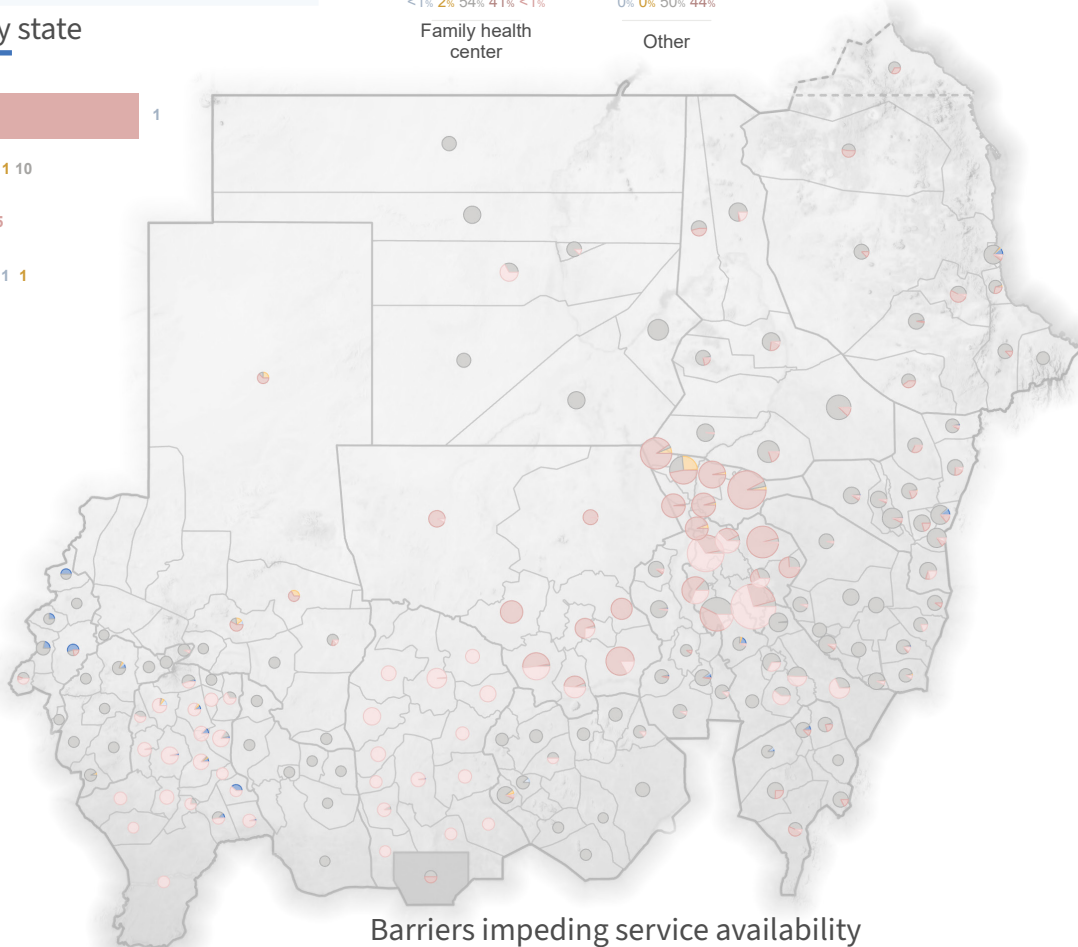
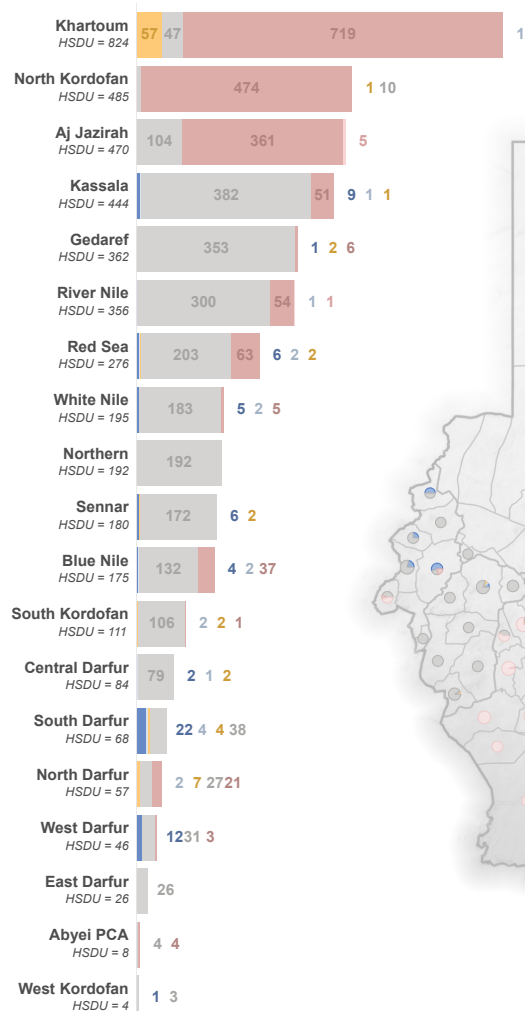
Service availability¹²



Service availability by HSDU type

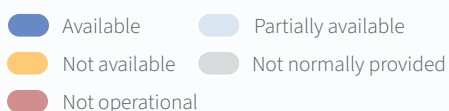


Service availability by state

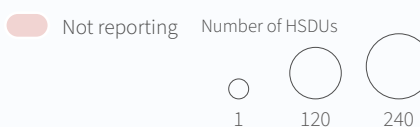


¹² Prophylaxis and treatment of opportunistic infections, prevention of mother-to-child HIV transmission.

Availability status

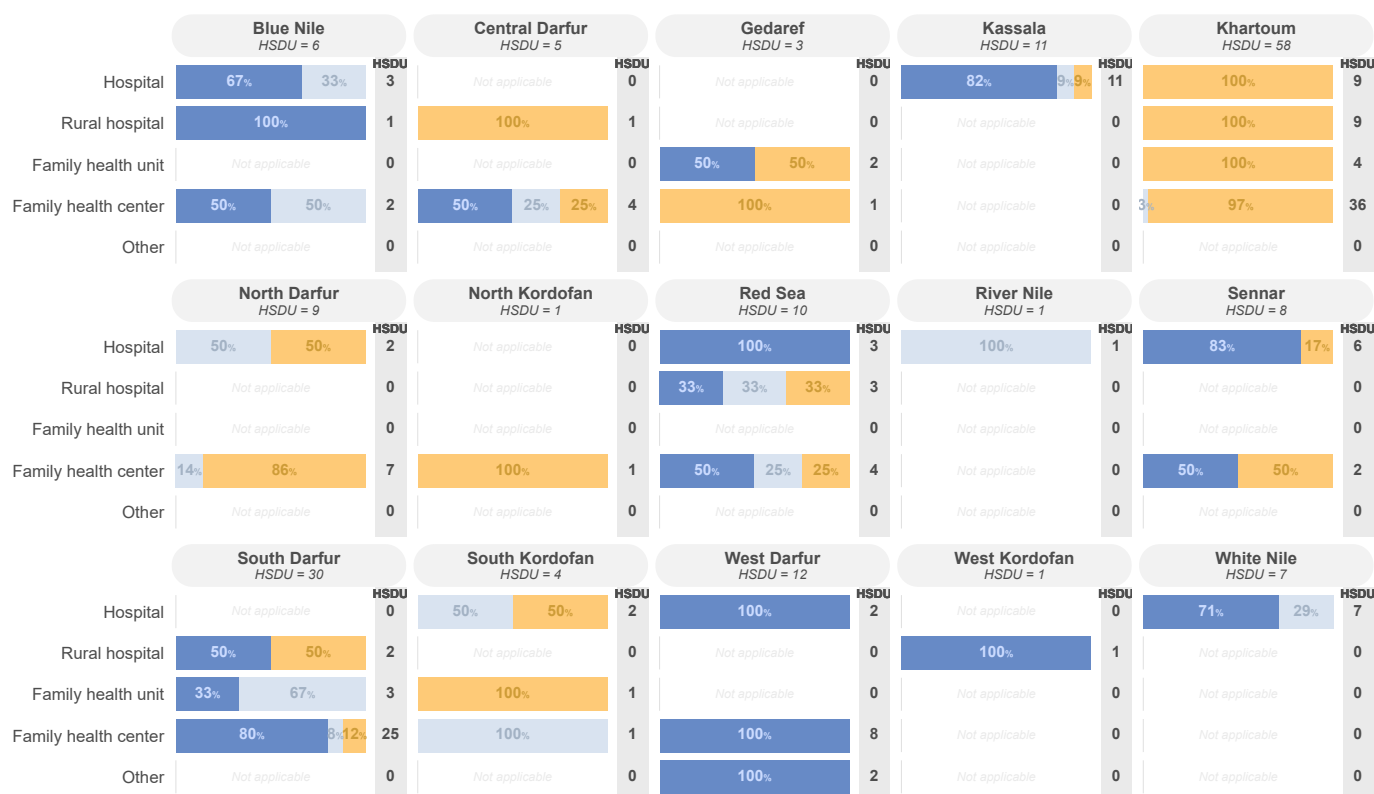


Maps

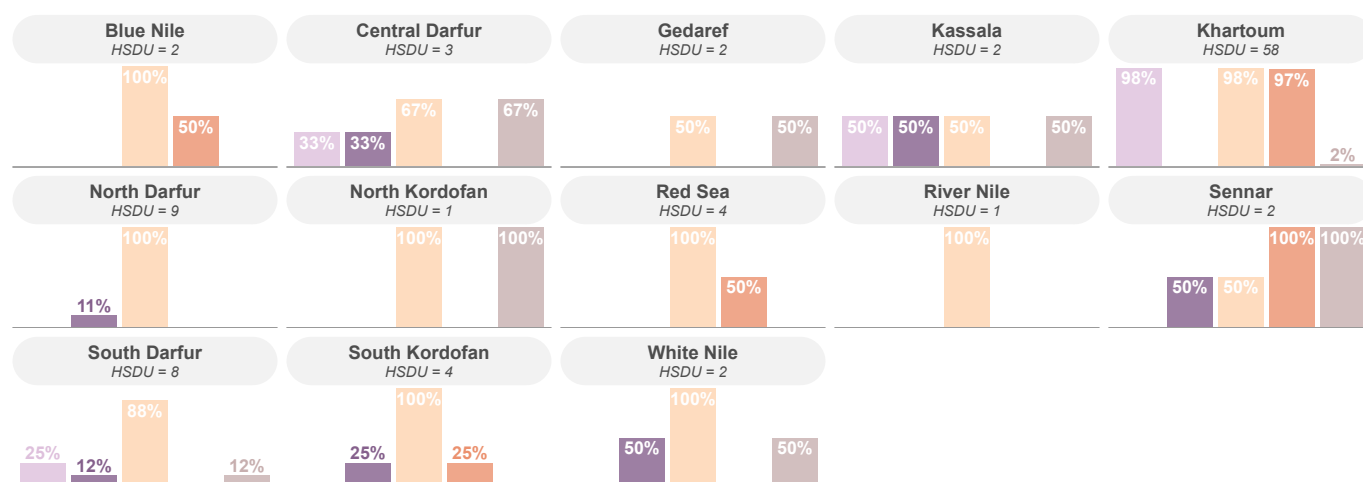




Service availability by HSDU type and state*



Barriers impeding service availability by state



Availability status

- Available
- Partially available
- Not available

Barriers for partial availability or non-availability.

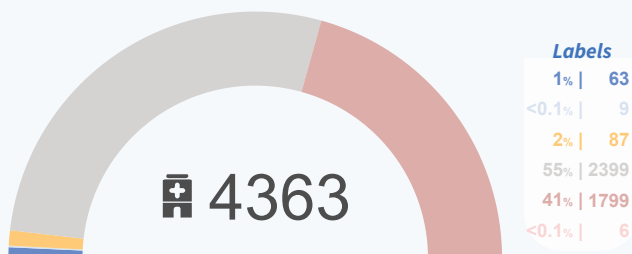
- Lack of staff
- Lack of supplies
- Lack of training
- Lack of equipment
- Lack of financial resources

* Non-operational HSDU and those not normally providing the service are excluded from this chart.

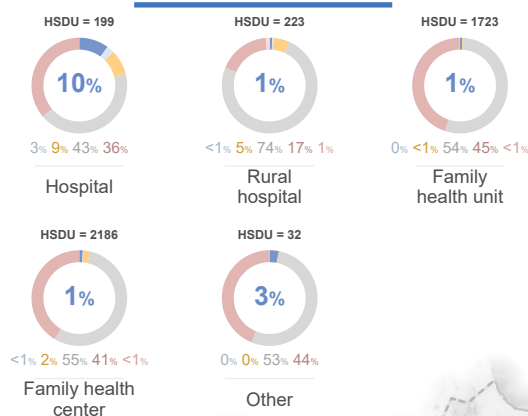


ANTIRETROVIRAL TREATMENT

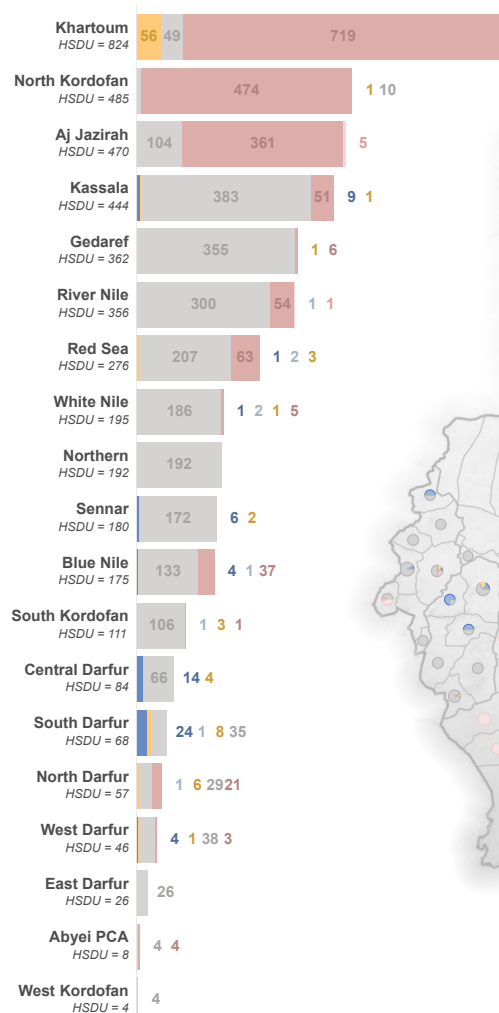
Service availability¹³



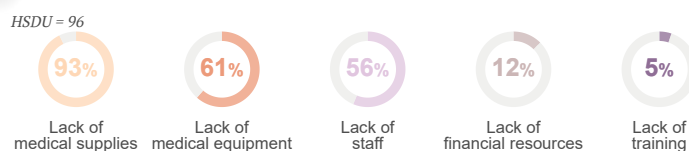
Service availability by HSDU type



Service availability by state

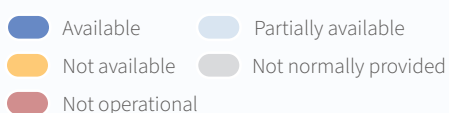


Barriers impeding service availability

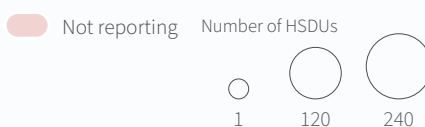


¹³ Availability of antiretroviral treatment.

Availability status

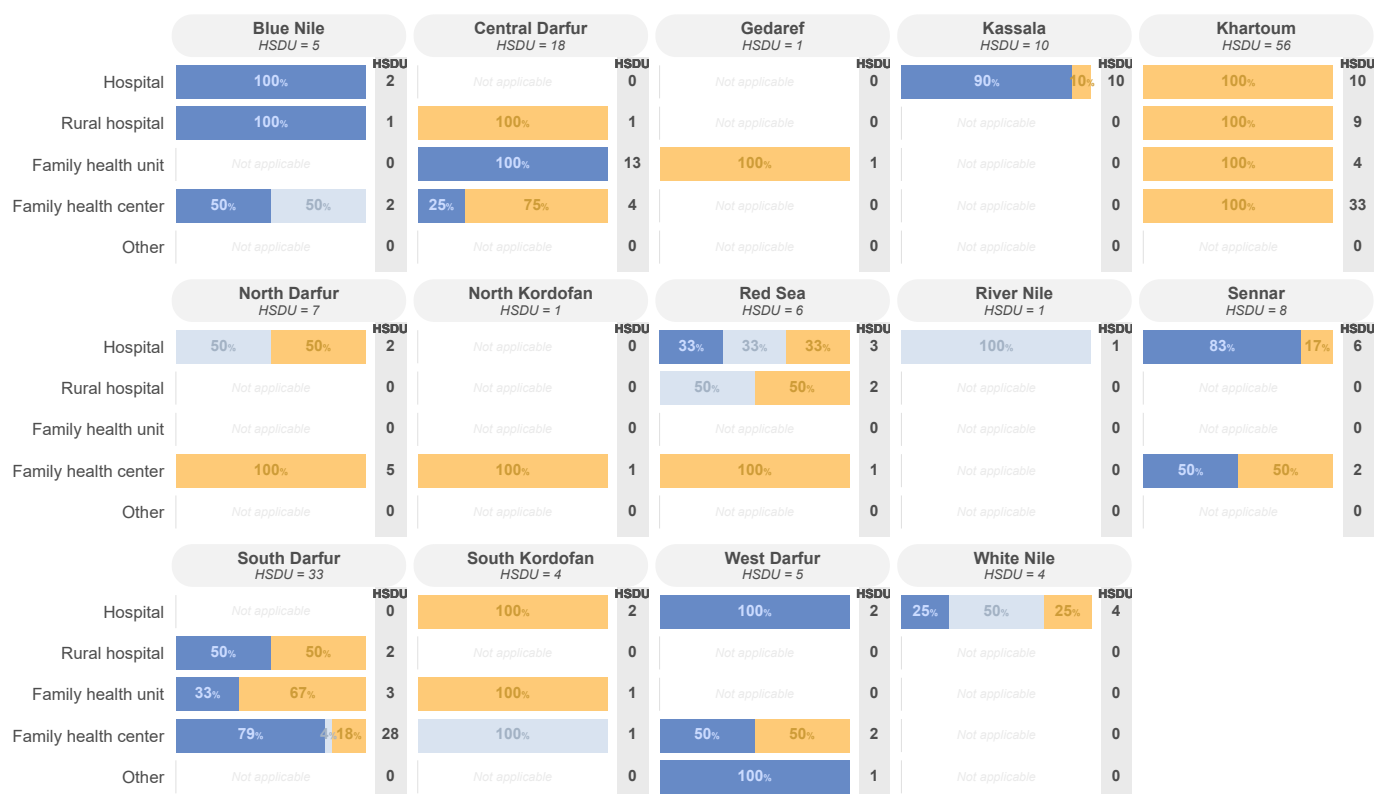


Maps

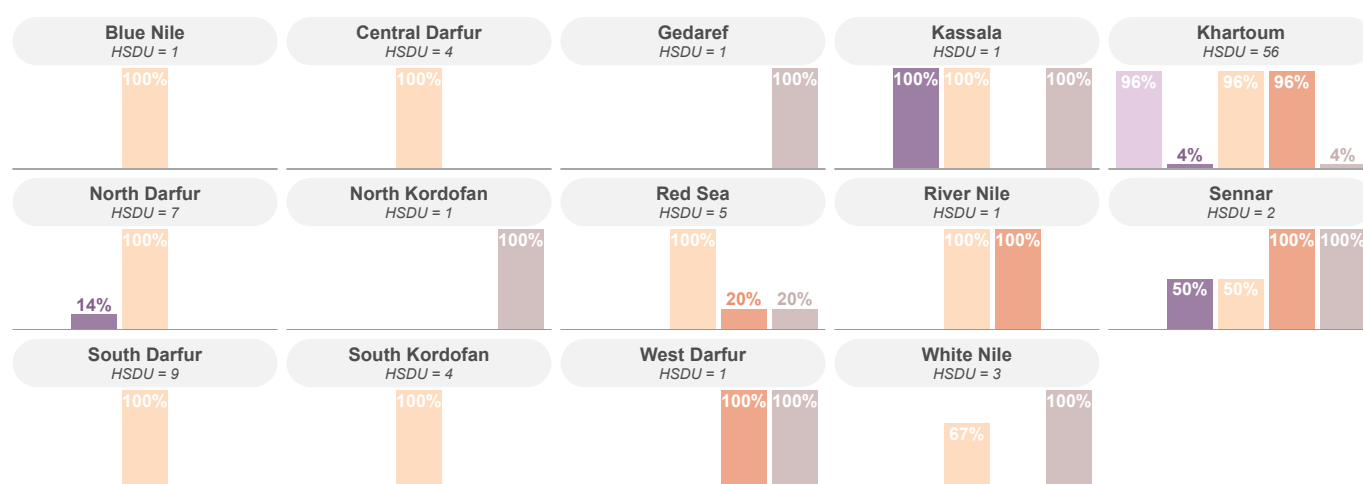




Service availability by HSDU type and state*



Barriers impeding service availability by state



Availability status

- Available
- Partially available
- Not available

Barriers for partial availability or non-availability.

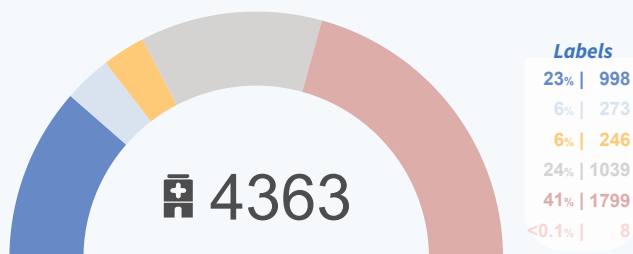
- Lack of staff
- Lack of supplies
- Lack of training
- Lack of equipment
- Lack of financial resources

* Non-operational HSDU and those not normally providing the service are excluded from this chart.

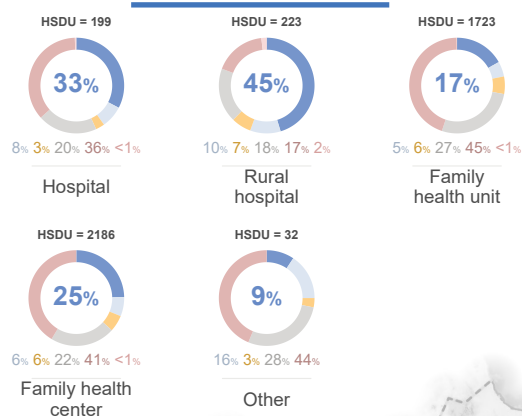


FAMILY PLANNING

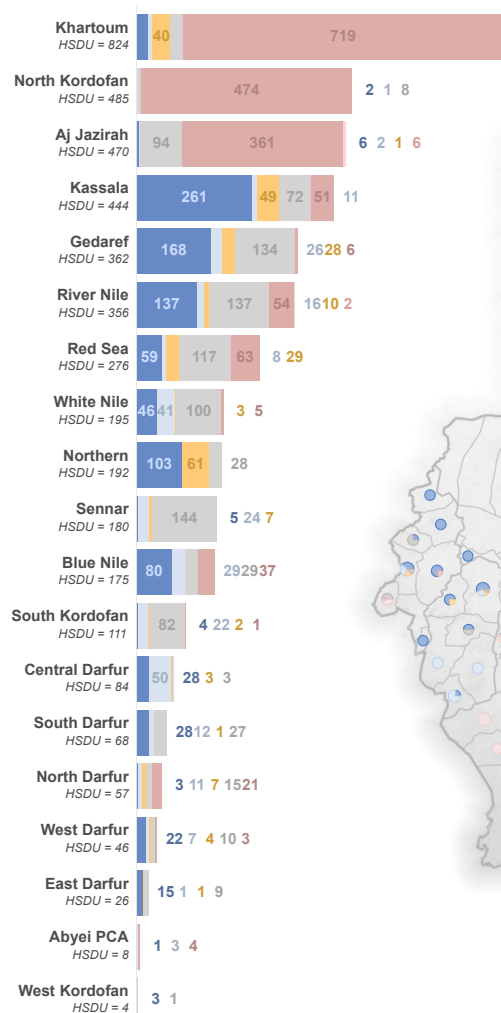
Service availability¹⁴



Service availability by HSDU type



Service availability by state

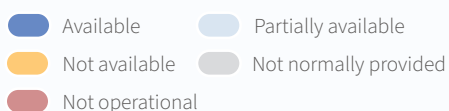


Barriers impeding service availability

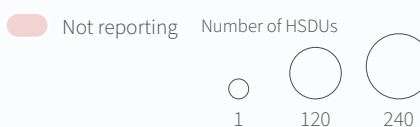


¹⁴ Availability of contraceptive methods as per national guidelines.

Availability status

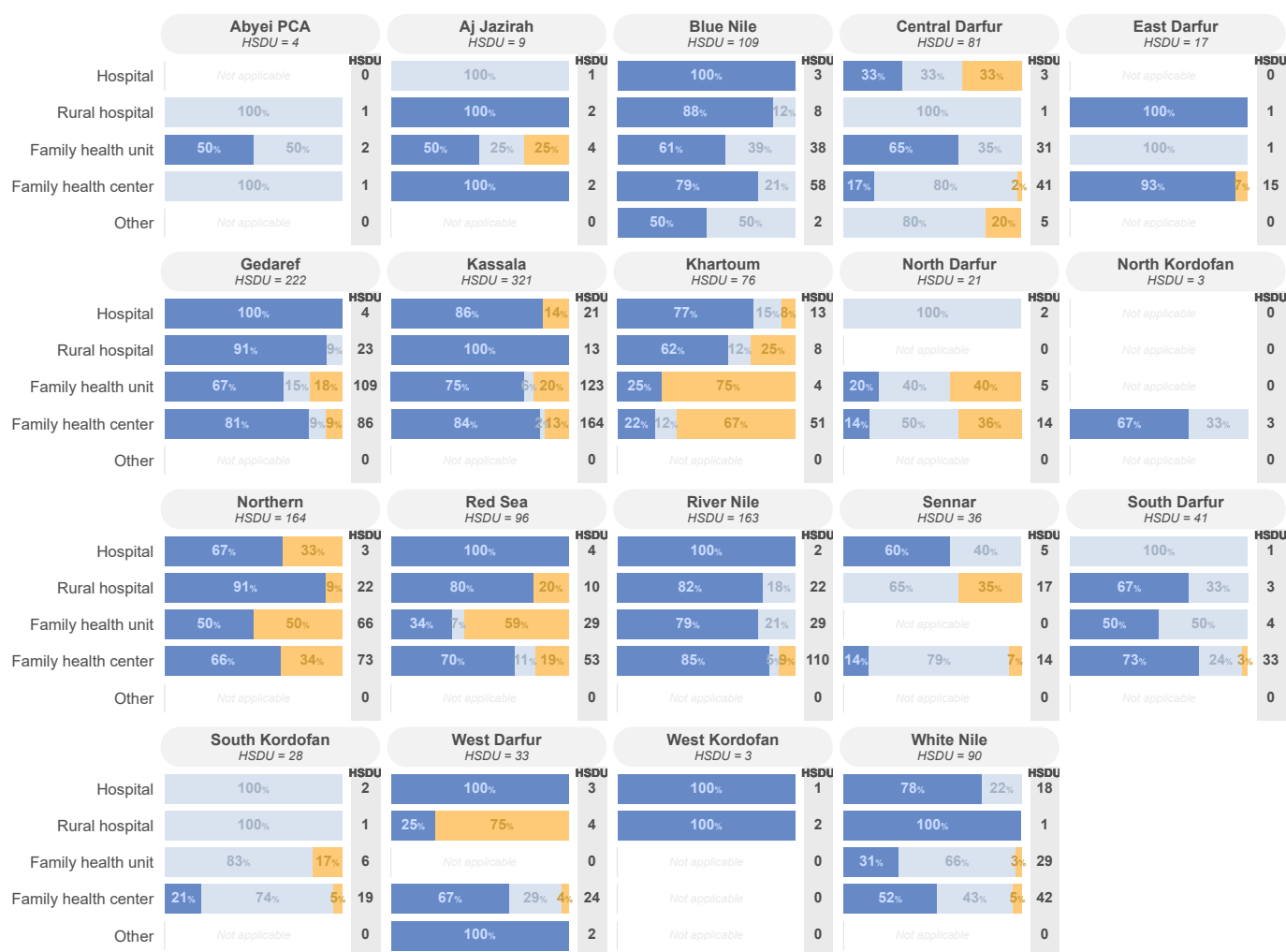


Maps

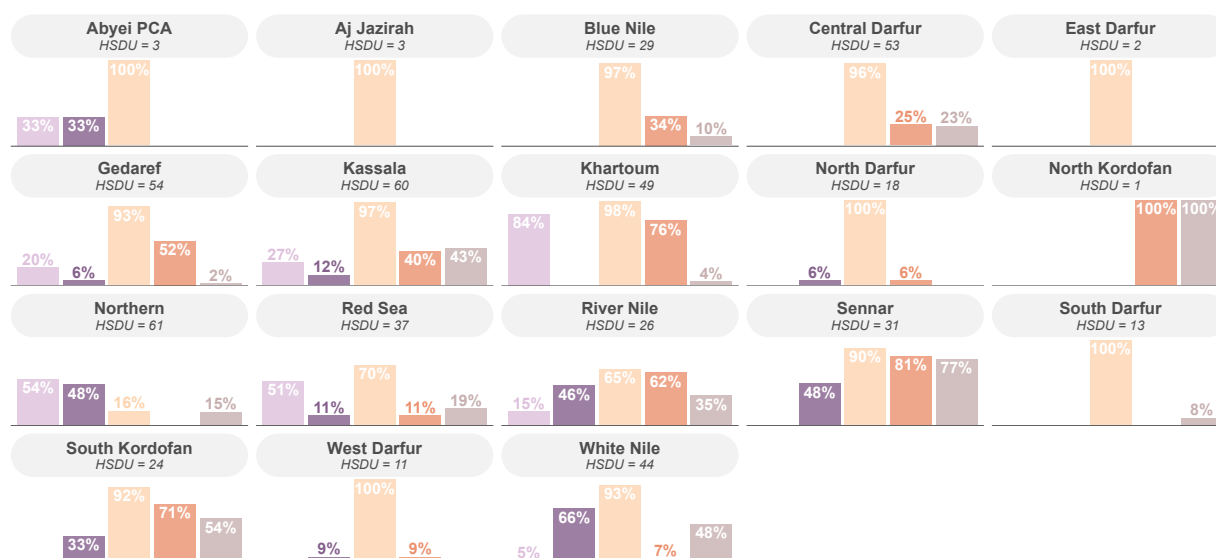




Service availability by HSDU type and state*



Barriers impeding service availability by state



Availability status

- Available
- Partially available
- Not available

Barriers for partial availability or non-availability.

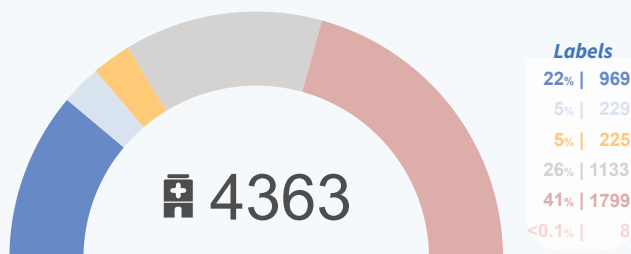
- Lack of staff
- Lack of supplies
- Lack of financial resources
- Lack of training
- Lack of equipment

* Non-operational HSDU and those not normally providing the service are excluded from this chart.

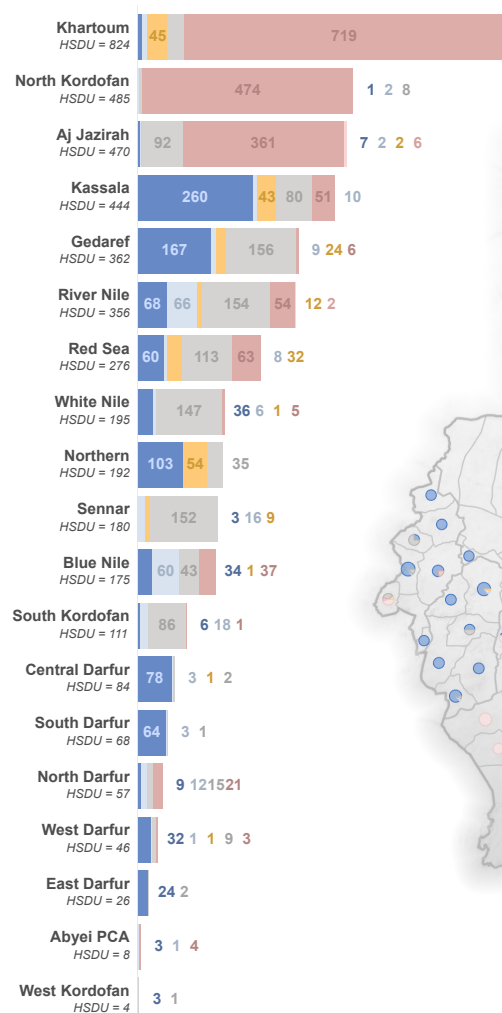


ANTENATAL CARE

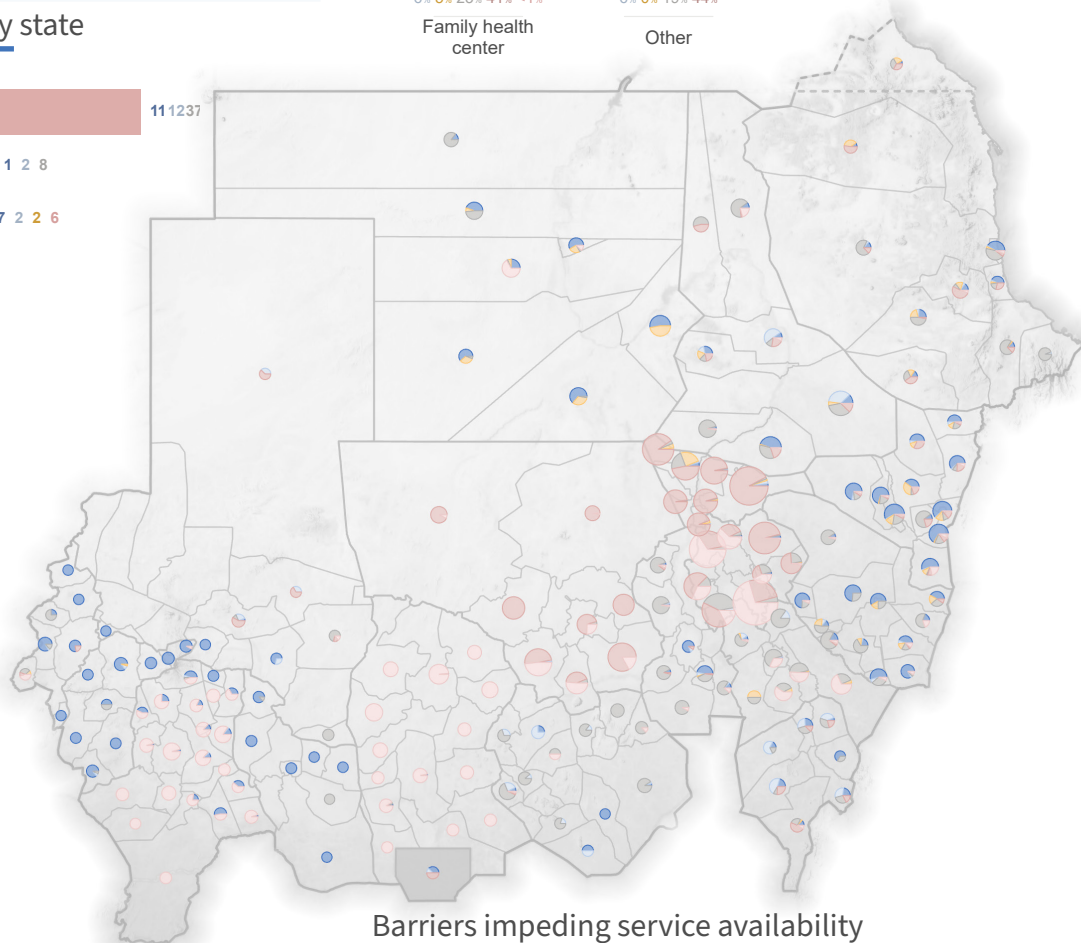
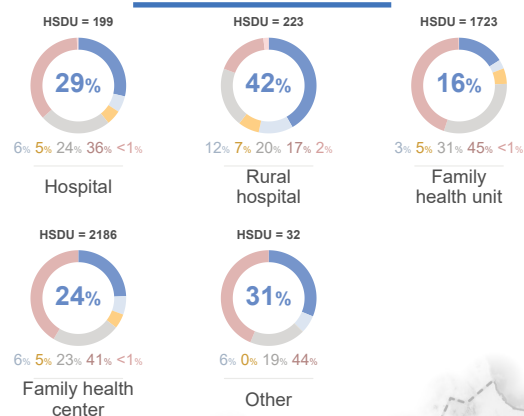
Service availability¹⁵



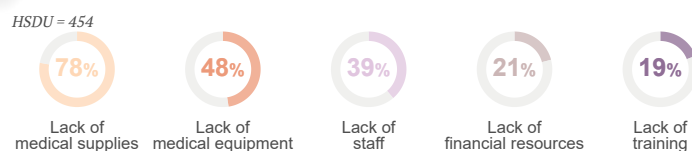
Service availability by state



Service availability by HSDU type

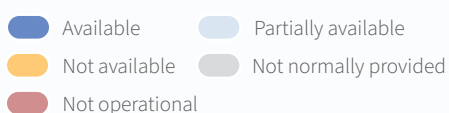


Barriers impeding service availability

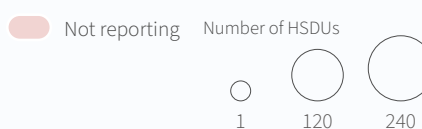


¹⁵ Assessment of pregnancy, birth and emergency plan, response to problems observed, advise/counsel on nutrition and breastfeeding, self-care and family planning, intermittent iron and folate supplementation in non-anemic pregnancy.

Availability status

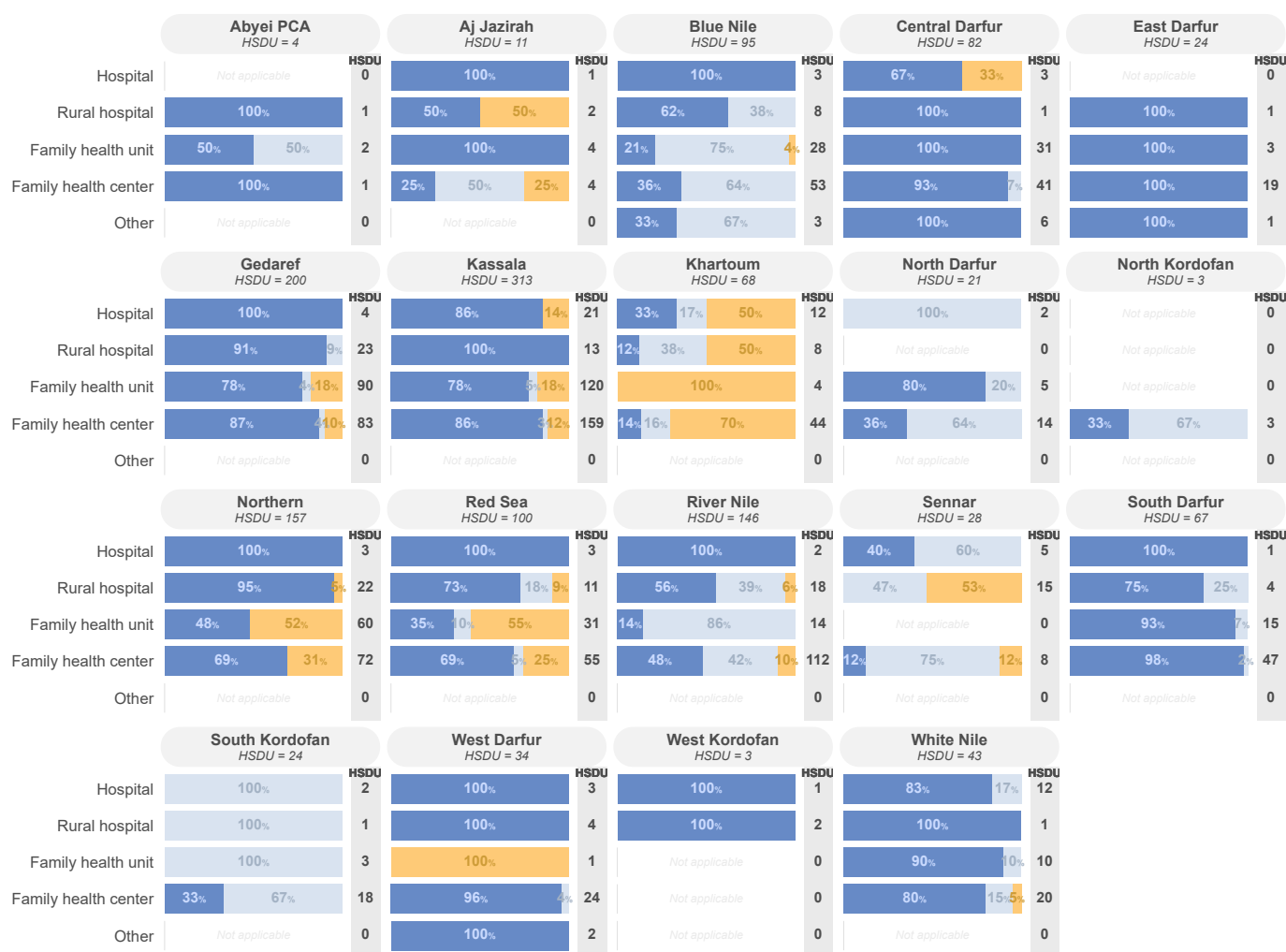


Maps

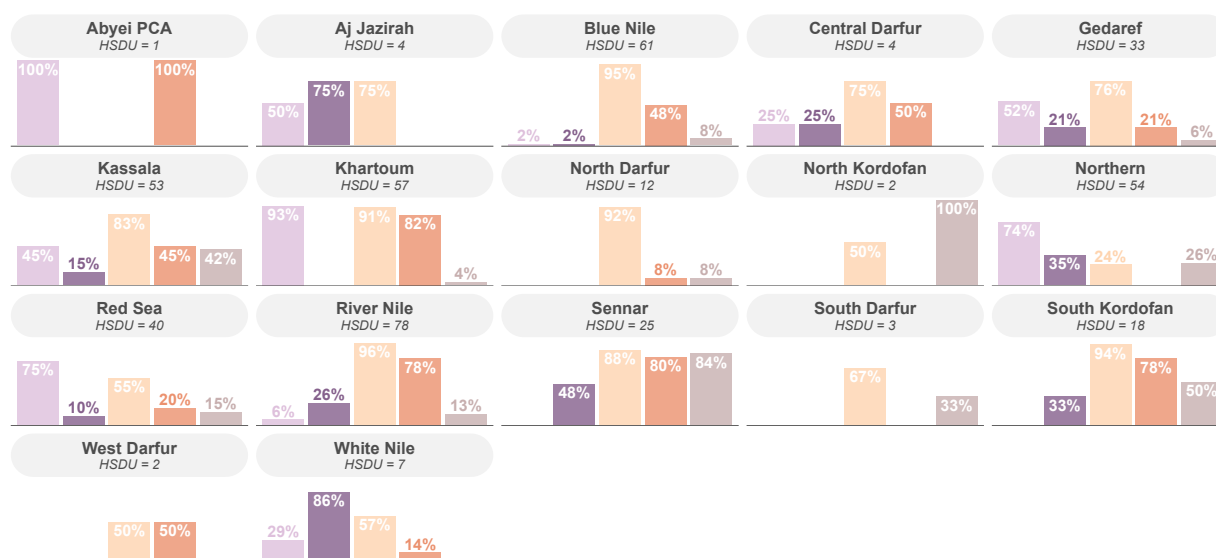




Service availability by HSDU type and state*



Barriers impeding service availability by state



Availability status

- Available
- Partially available
- Not available

Barriers for partial availability or non-availability.

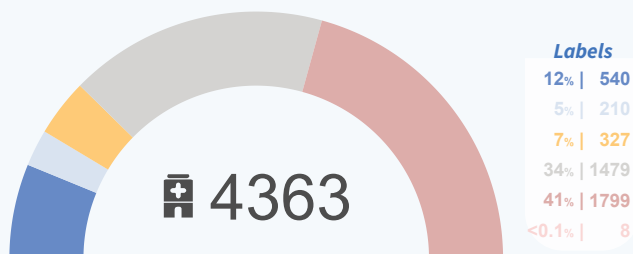
- Lack of staff
- Lack of supplies
- Lack of financial resources
- Lack of training
- Lack of equipment

* Non-operational HSDU and those not normally providing the service are excluded from this chart.

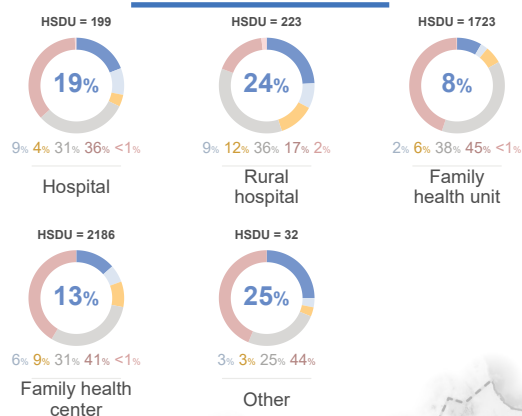


CLEAN HOME DELIVERIES

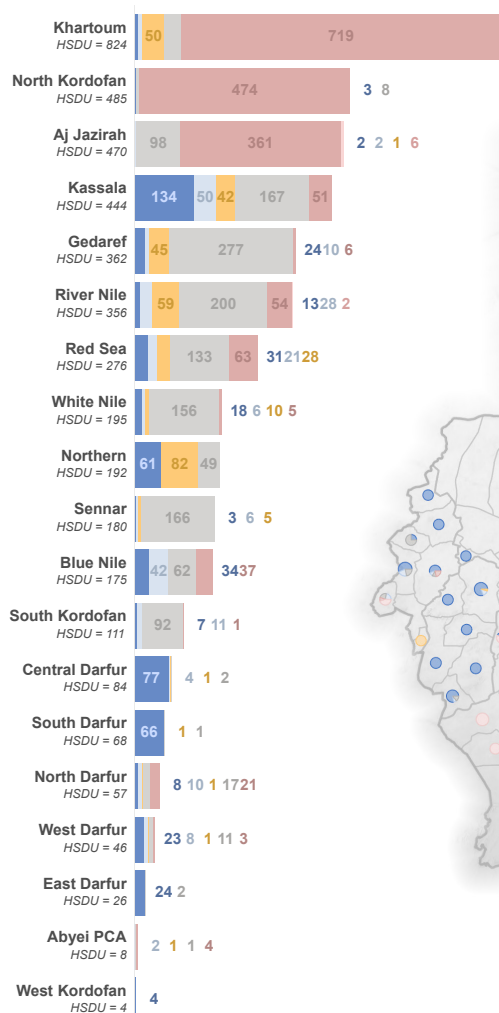
Service availability¹⁶



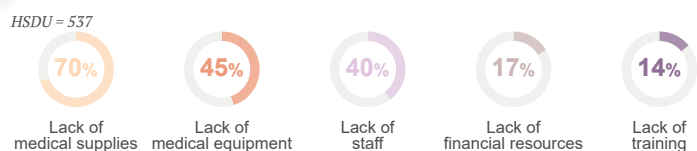
Service availability by HSDU type



Service availability by state

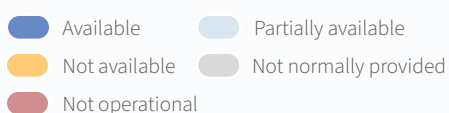


Barriers impeding service availability

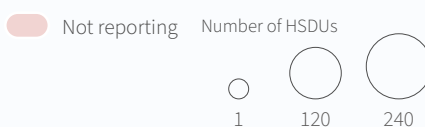


¹⁶ Clean home delivery, including distribution of clean delivery kits to visibly pregnant women, IEC and behavioral change communications, knowledge of danger signs and where/when to go for help, promotion of exclusive breastfeeding and infant and young child feeding (IYCF) practices.

Availability status

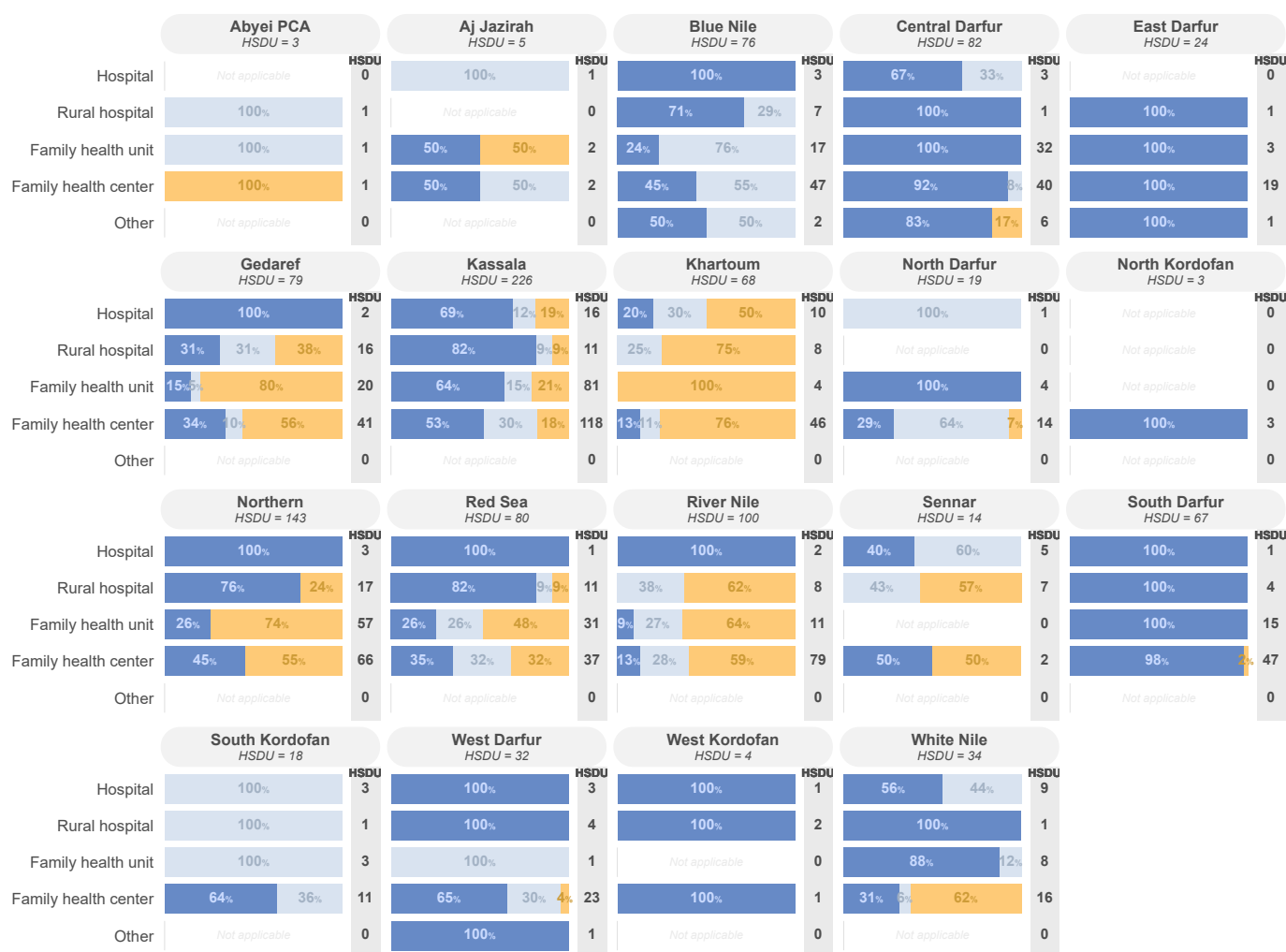


Maps

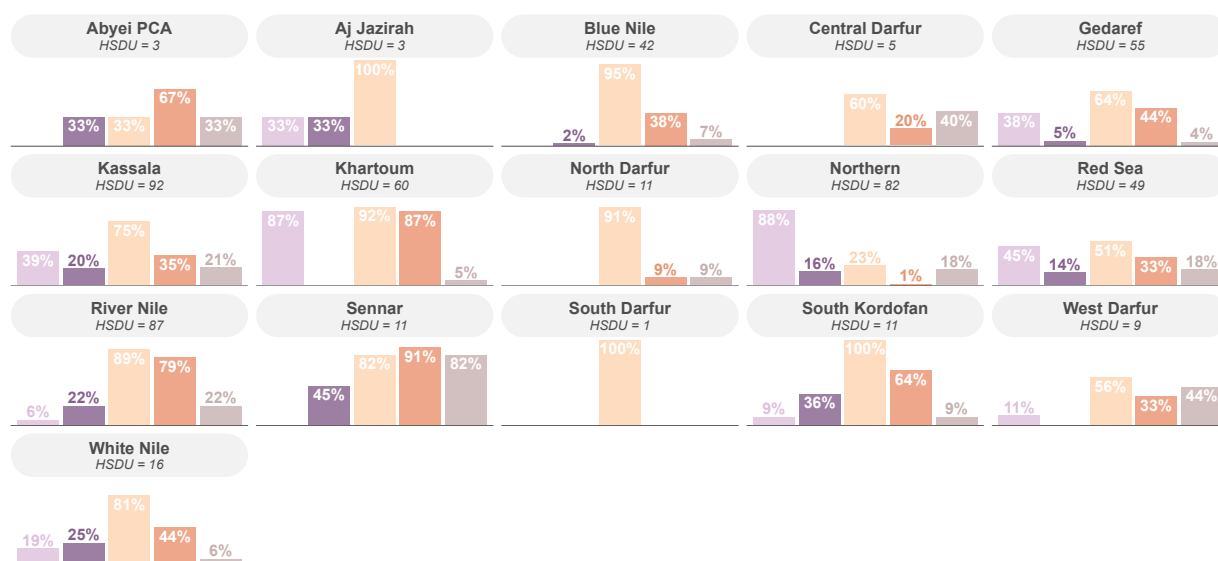




Service availability by HSDU type and state*



Barriers impeding service availability by state



Availability status

- Available
- Partially available
- Not available

Barriers for partial availability or non-availability.

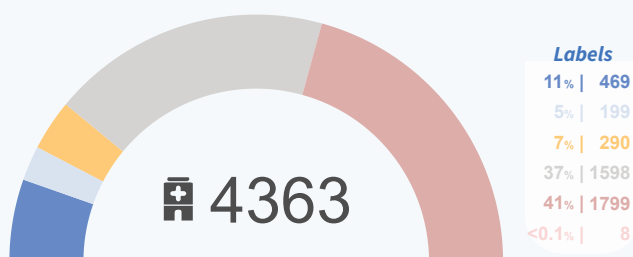
- Lack of staff
- Lack of supplies
- Lack of financial resources
- Lack of training
- Lack of equipment

* Non-operational HSDU and those not normally providing the service are excluded from this chart.

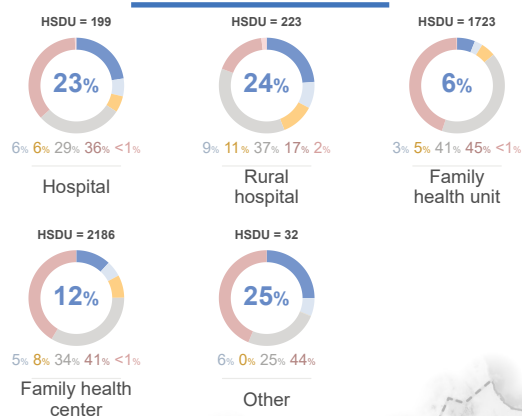


SKILLED CARE DURING CHILDBIRTH

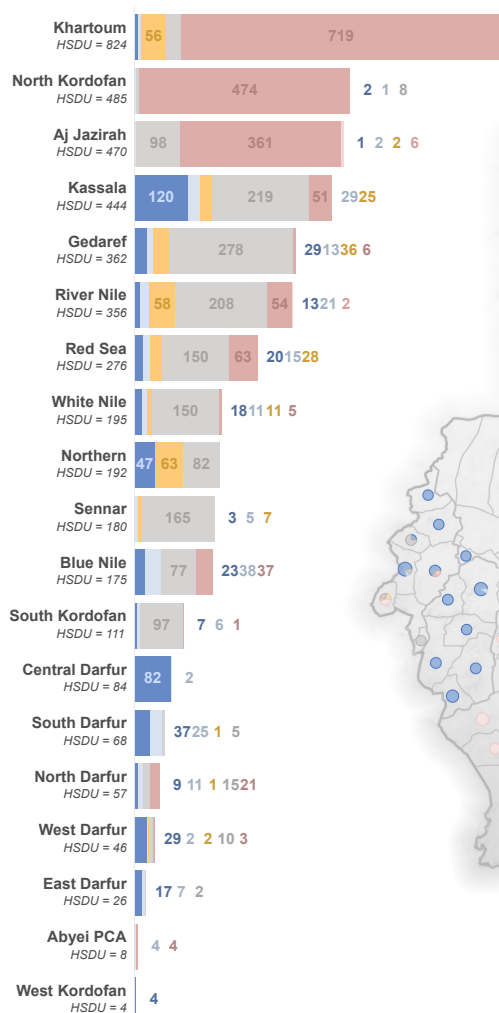
Service availability¹⁷



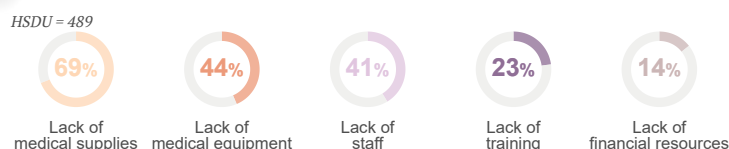
Service availability by HSDU type



Service availability by state

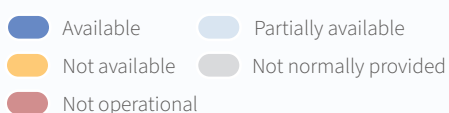


Barriers impeding service availability

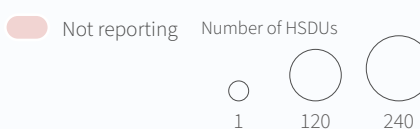


¹⁷ Including early essential newborn care: preparing for birth, assessment of labor stage, WHO partograph monitoring, conditions management, drying baby, clean cord care, basic newborn resuscitation, skin-to-skin contact, oxytocin, early and exclusive breastfeeding, eye prophylaxis.

Availability status



Maps

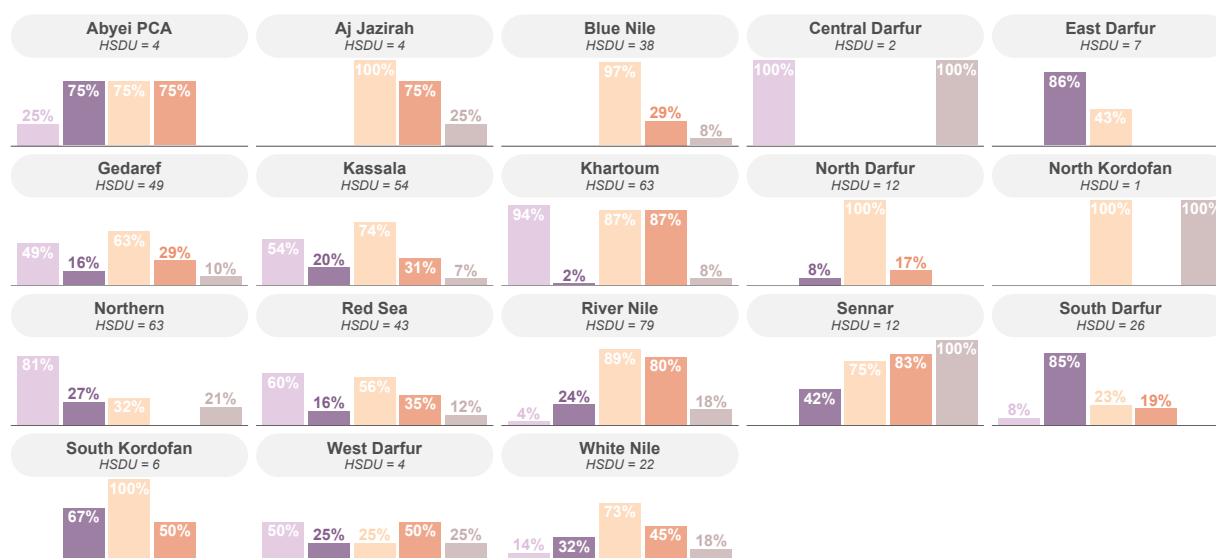




Service availability by HSDU type and state*



Barriers impeding service availability by state



Availability status

- Available
- Partially available
- Not available

Barriers for partial availability or non-availability.

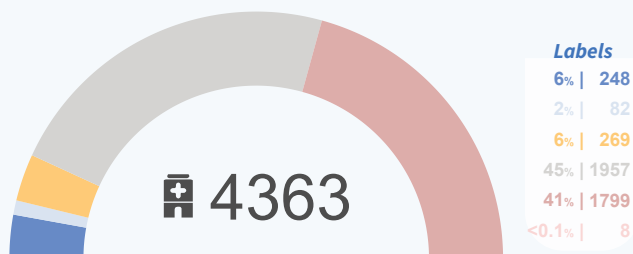
- Lack of staff
- Lack of supplies
- Lack of financial resources
- Lack of training
- Lack of equipment

* Non-operational HSDU and those not normally providing the service are excluded from this chart.

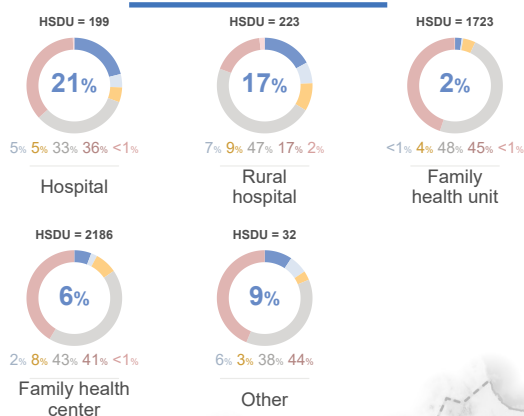


BASIC EMERGENCY OBSTETRIC CARE

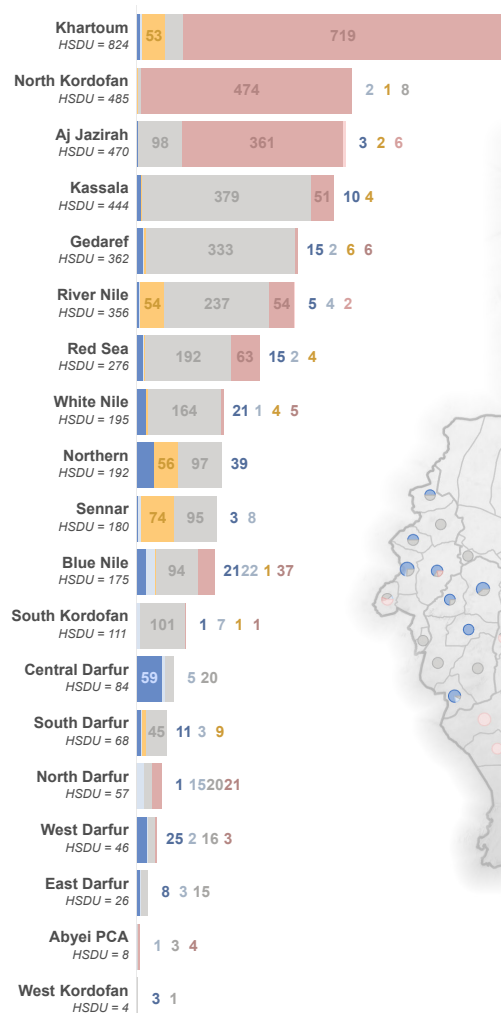
Service availability¹⁸



Service availability by HSDU type



Service availability by state

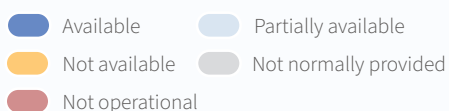


Barriers impeding service availability

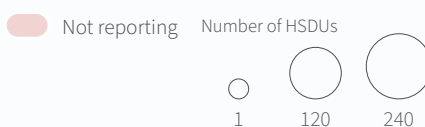


¹⁸ Parenteral antibiotics, oxytocic/anticonvulsant drugs, manual removal of placenta, removal of retained products with manual vacuum aspiration (MVA), assisted vaginal delivery, HSDU functioning 24/7.

Availability status



Maps

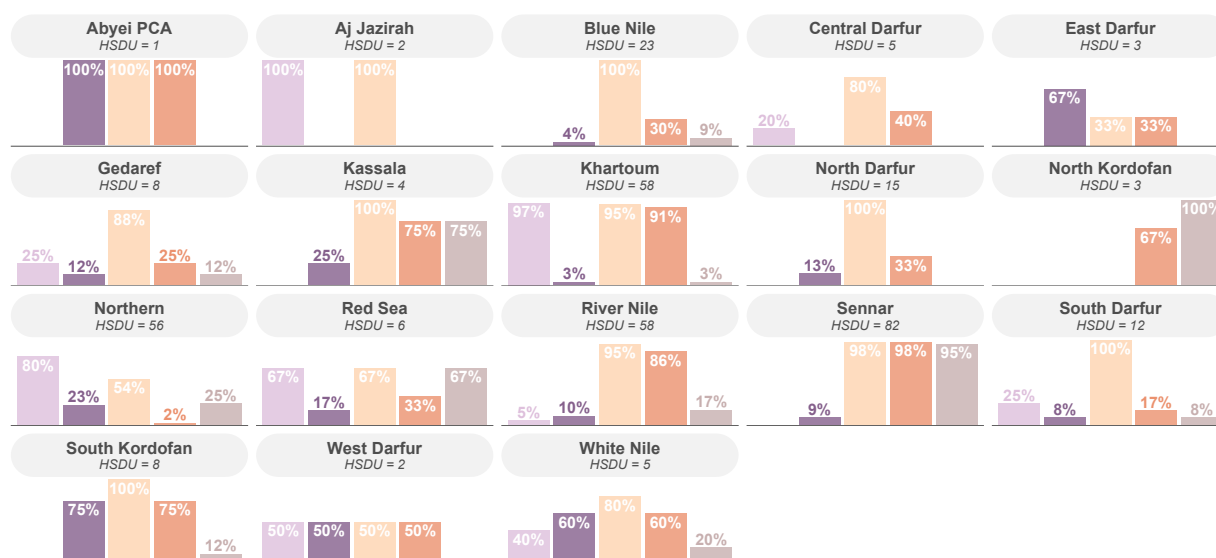




Service availability by HSDU type and state*



Barriers impeding service availability by state



Availability status

- Available
- Partially available
- Not available

Barriers for partial availability or non-availability.

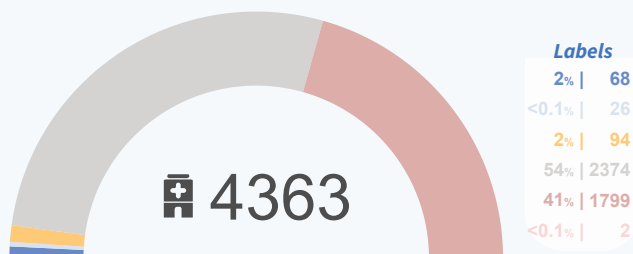
- Lack of staff
- Lack of supplies
- Lack of training
- Lack of equipment
- Lack of financial resources

* Non-operational HSDU and those not normally providing the service are excluded from this chart.

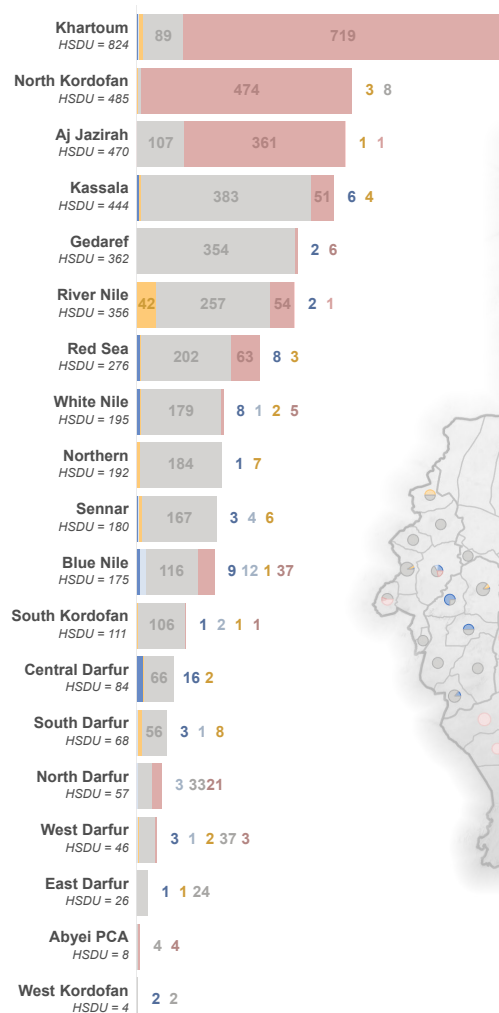


COMPREHENSIVE EMERGENCY OBSTETRIC CARE

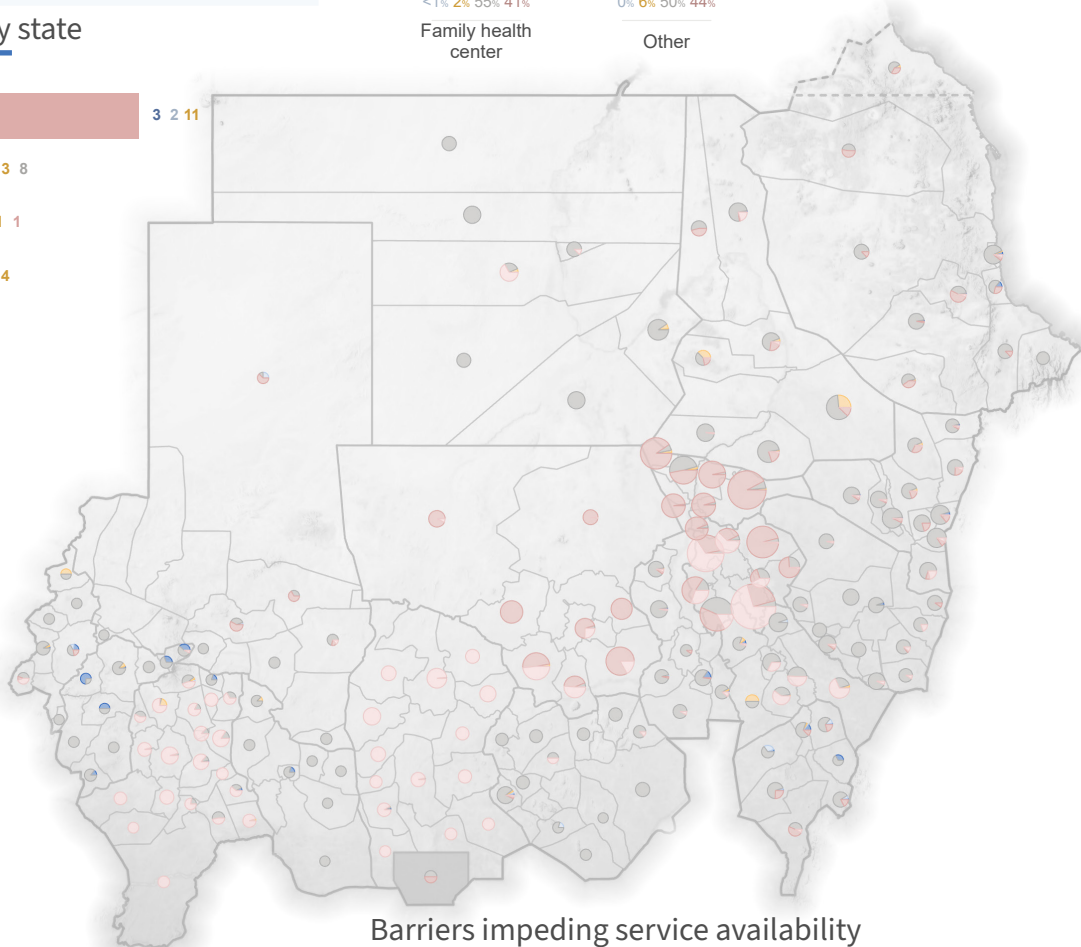
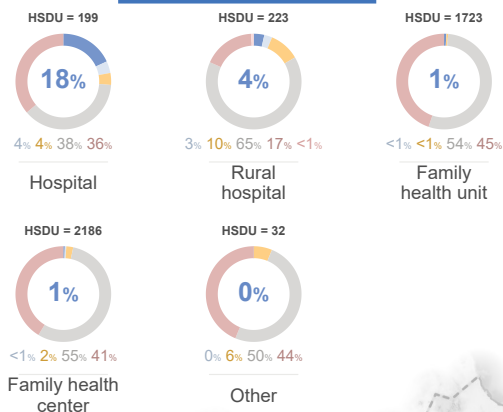
Service availability¹⁹



Service availability by state



Service availability by HSDU type

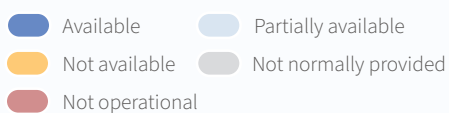


Barriers impeding service availability

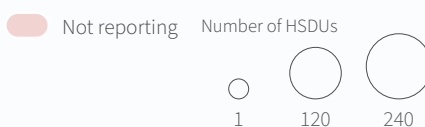


¹⁹ Basic emergency obstetric care, caesarean section, safe blood transfusion.

Availability status

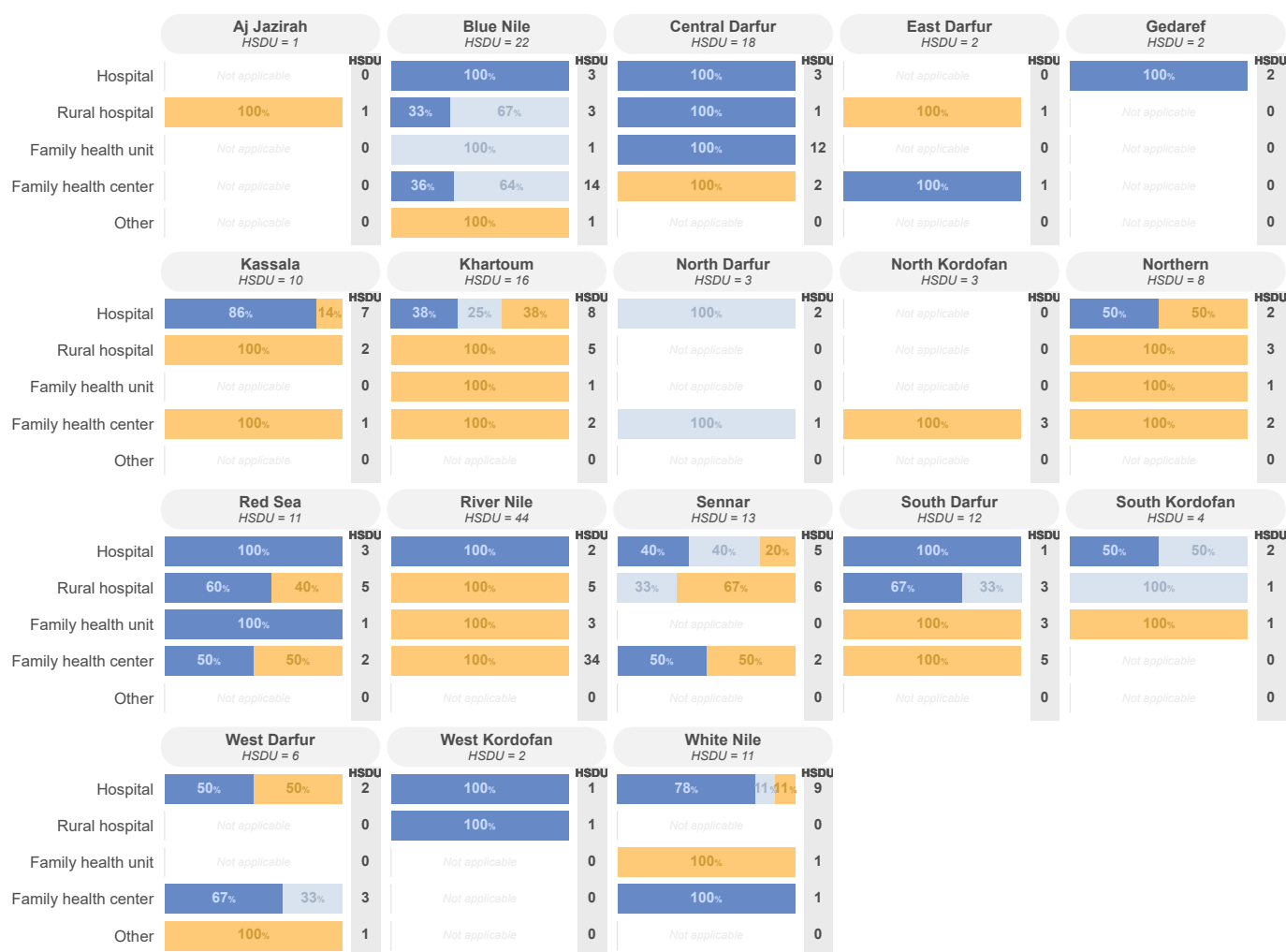


Maps

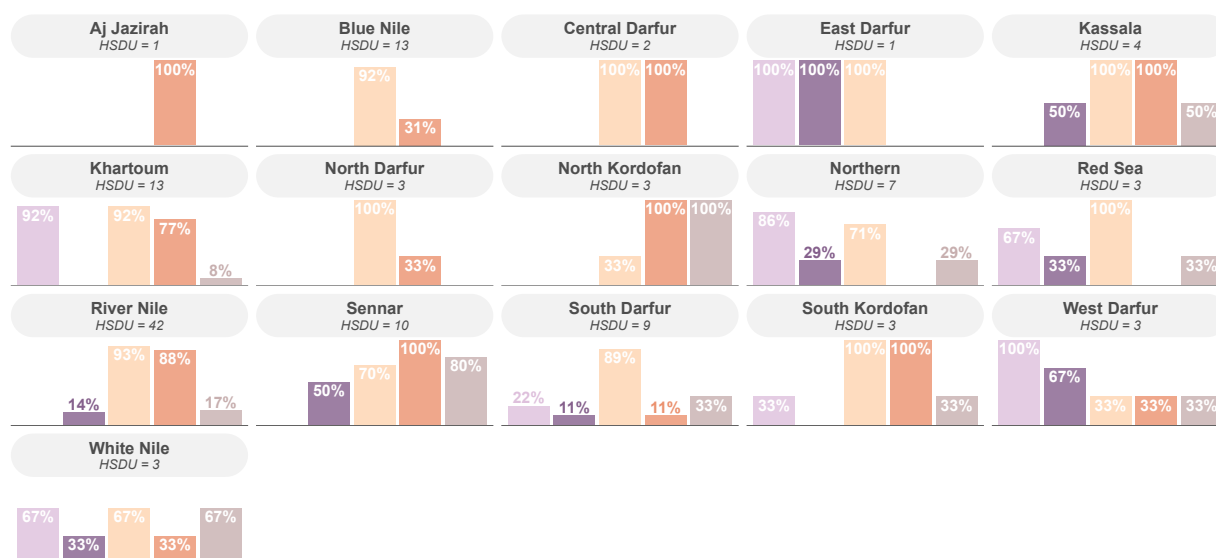




Service availability by HSDU type and state*



Barriers impeding service availability by state



Availability status

- Available
- Partially available
- Not available

Barriers for partial availability or non-availability.

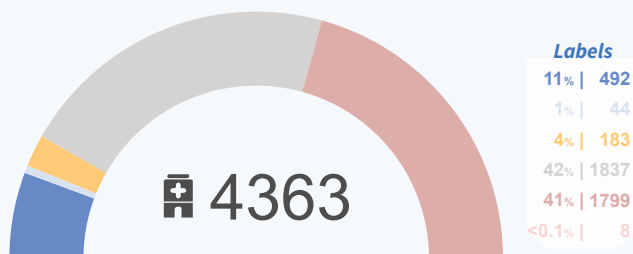
- Lack of staff
- Lack of supplies
- Lack of financial resources
- Lack of training
- Lack of equipment

* Non-operational HSDU and those not normally providing the service are excluded from this chart.

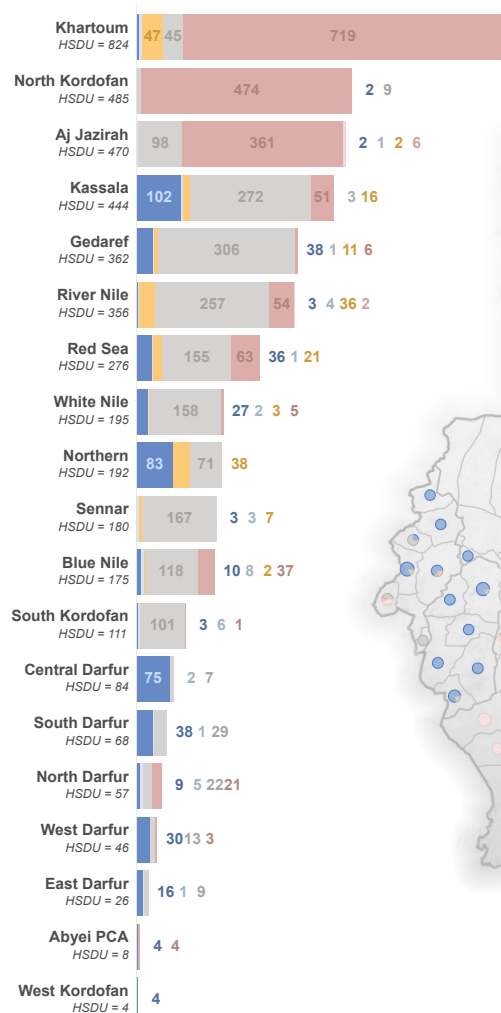


POST-PARTUM CARE

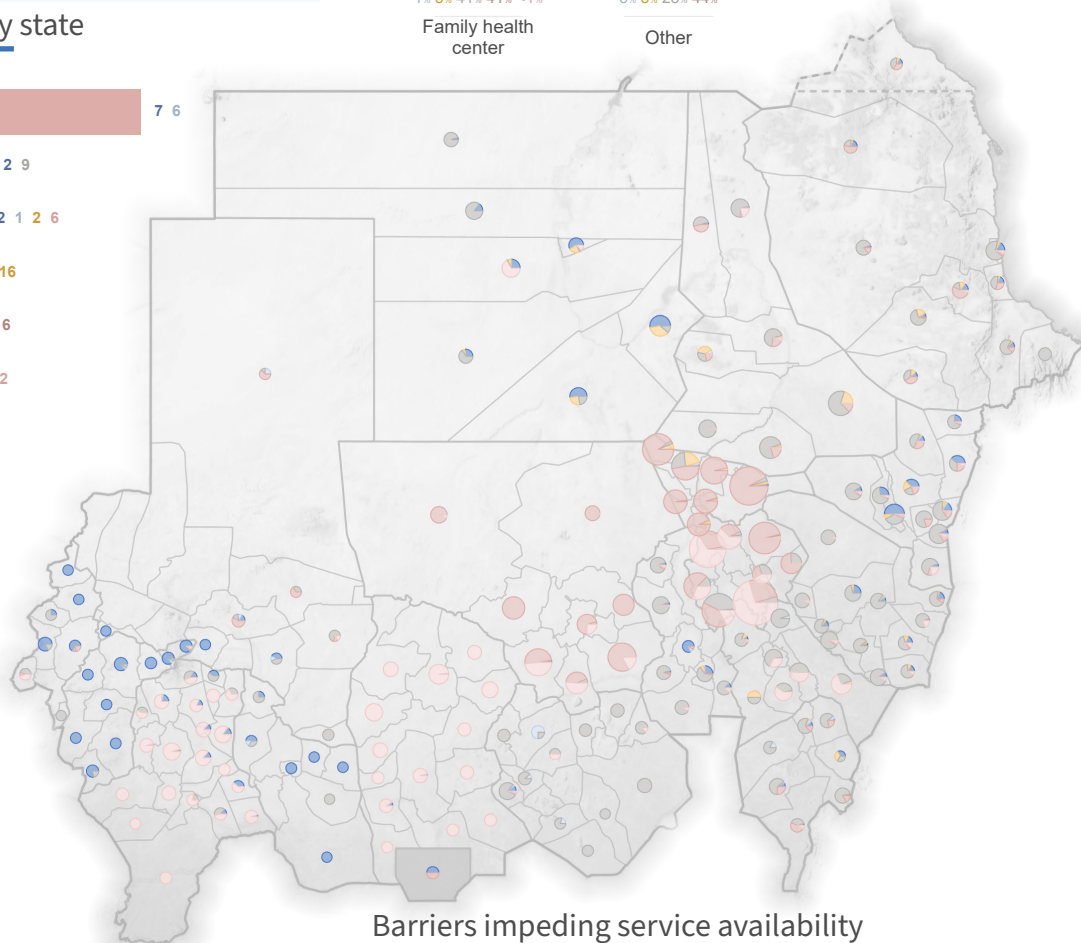
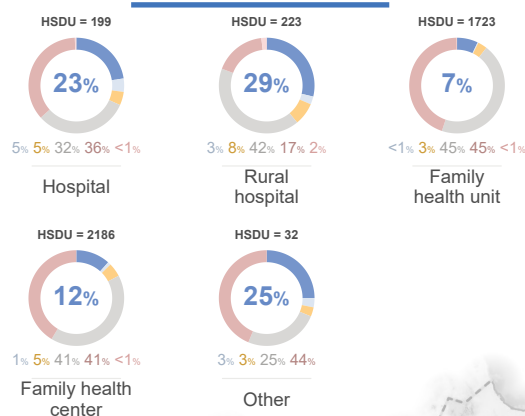
Service availability²⁰



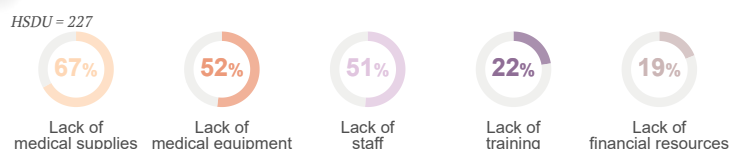
Service availability by state



Service availability by HSDU type

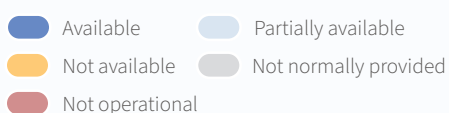


Barriers impeding service availability

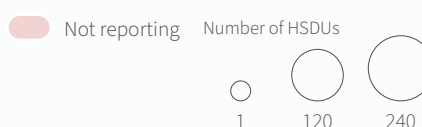


²⁰ Examination of mother and newborn (up to 6 weeks), respond to observed signs, support breastfeeding, counsel on complementary feeding, promote family planning

Availability status



Maps

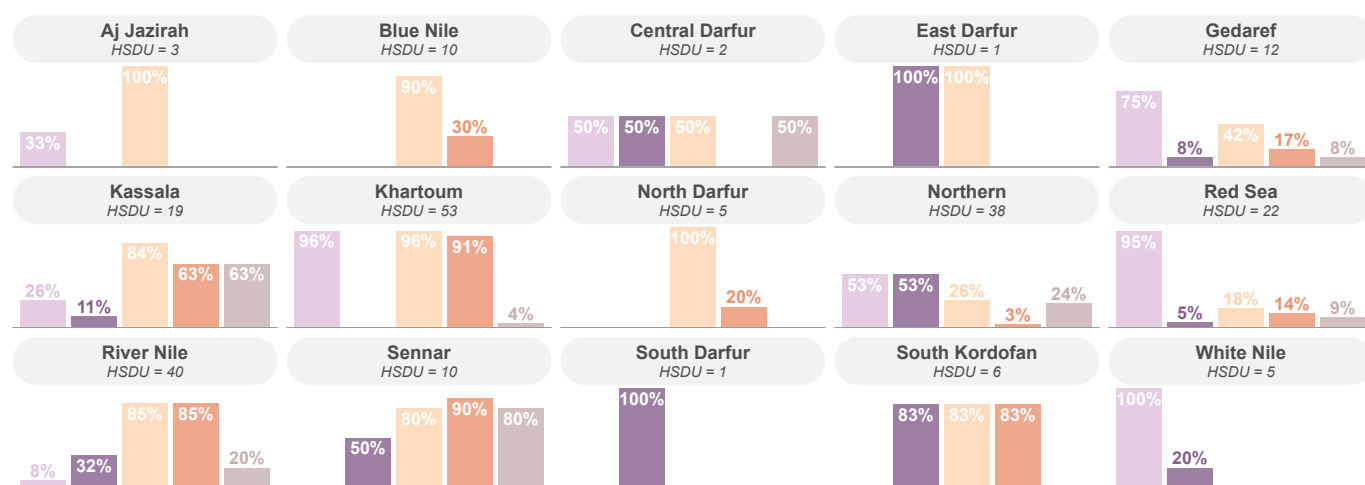




Service availability by HSDU type and state*



Barriers impeding service availability by state



Availability status

- Available
- Partially available
- Not available

Barriers for partial availability or non-availability.

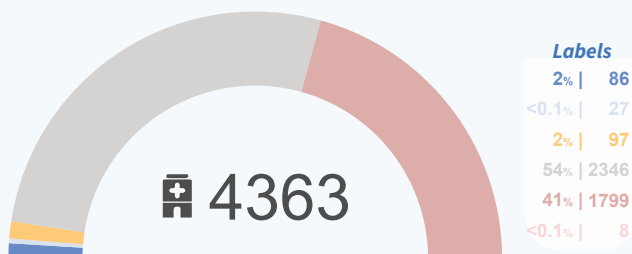
- Lack of staff
- Lack of supplies
- Lack of training
- Lack of equipment
- Lack of financial resources

* Non-operational HSDU and those not normally providing the service are excluded from this chart.

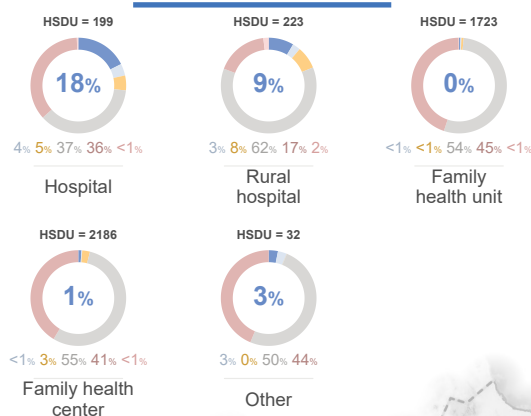


COMPREHENSIVE ABORTION CARE

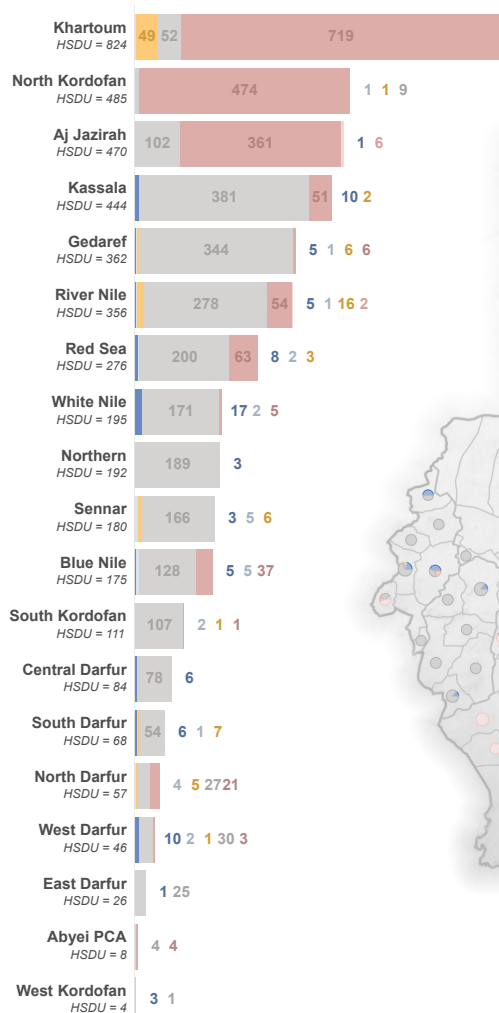
Service availability²¹



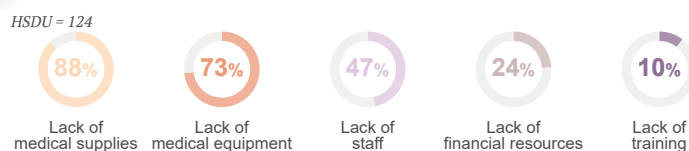
Service availability by HSDU type



Service availability by state

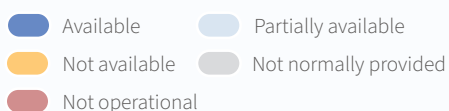


Barriers impeding service availability

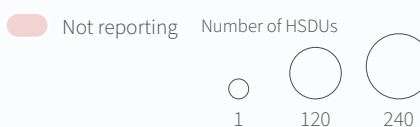


²¹ Safe induced abortion for all legal indications, uterine evacuation using MVA or medical methods where applicable, antibiotic prophylaxis, treatment of abortion complications, counseling for abortion, and post-abortion contraception.

Availability status

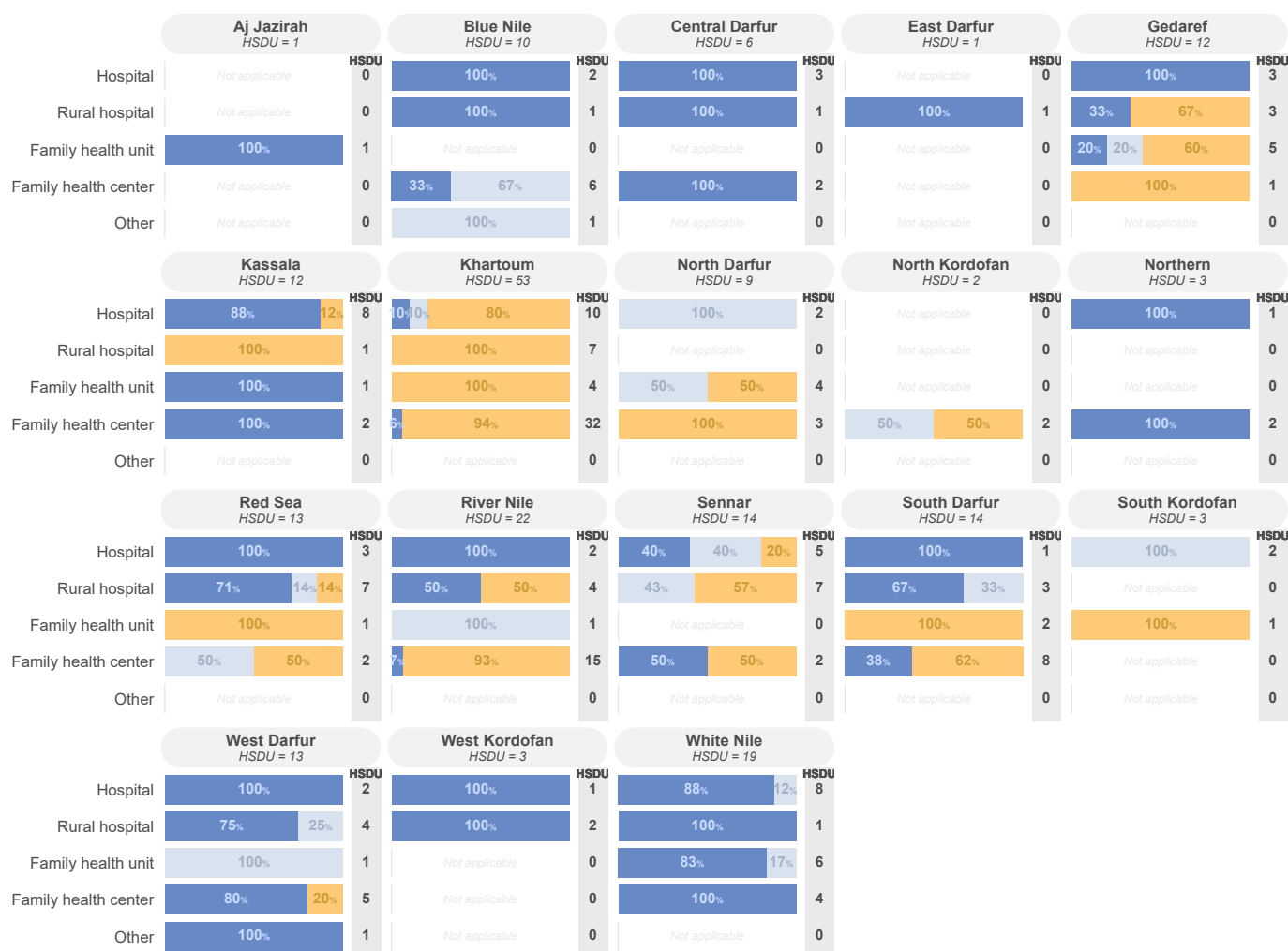


Maps

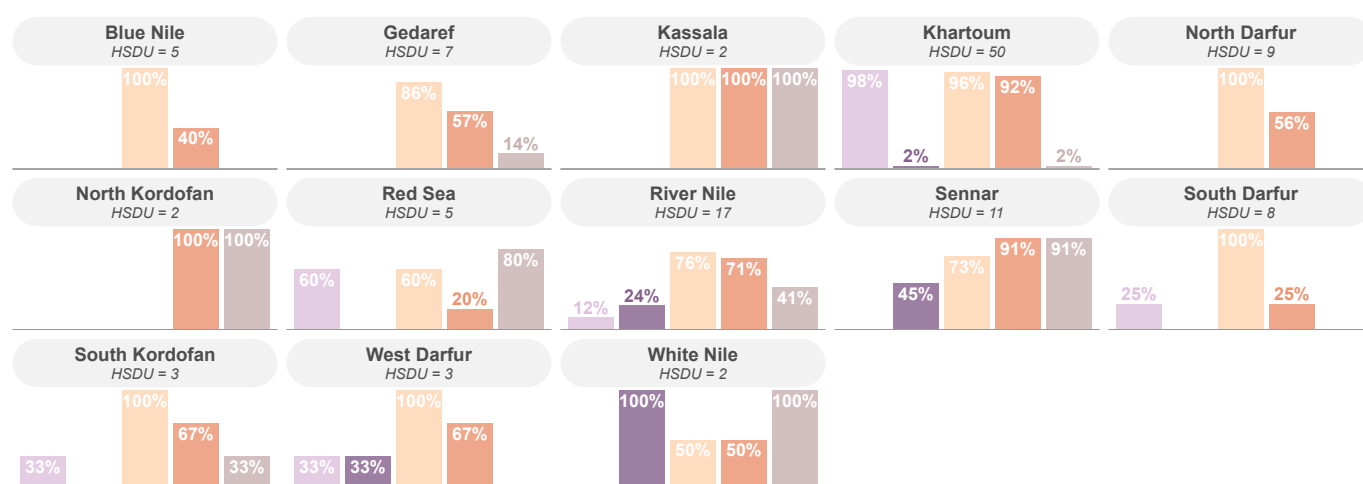




Service availability by HSDU type and state*



Barriers impeding service availability by state



Availability status

- Available
- Partially available
- Not available

Barriers for partial availability or non-availability.

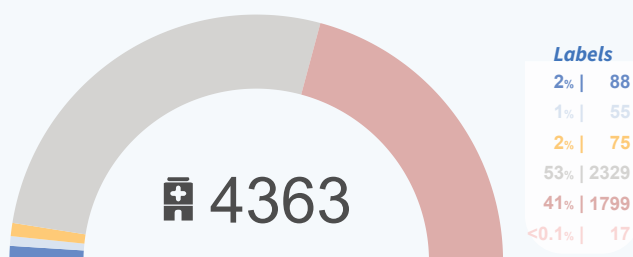
- Lack of staff
- Lack of supplies
- Lack of financial resources
- Lack of training
- Lack of equipment

* Non-operational HSDU and those not normally providing the service are excluded from this chart.

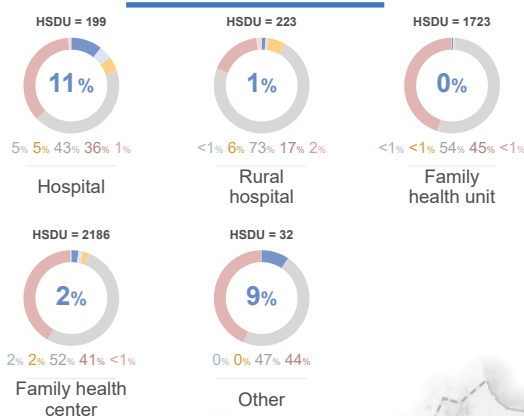


CLINICAL MANAGEMENT OF RAPE SURVIVORS

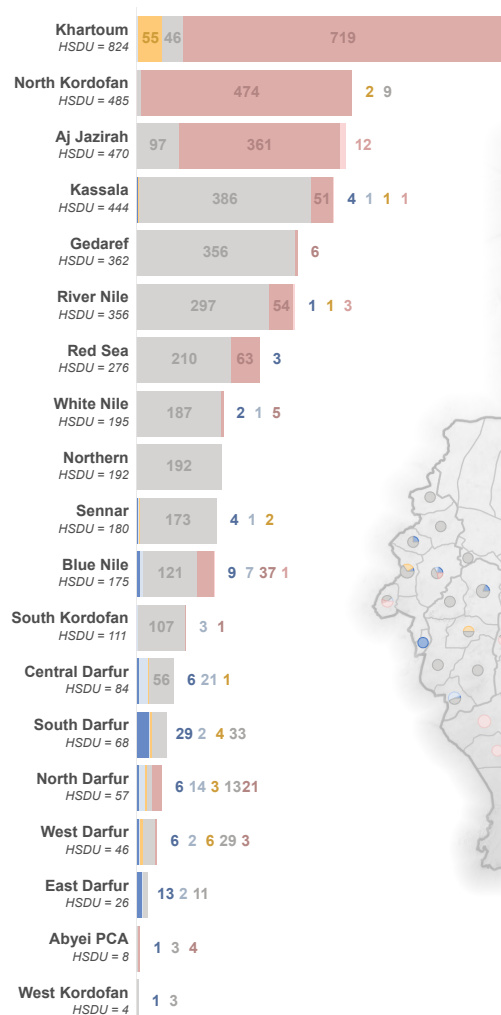
Service availability²²



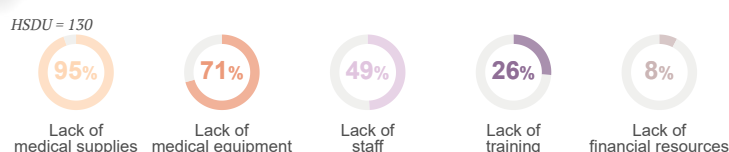
Service availability by HSDU type



Service availability by state

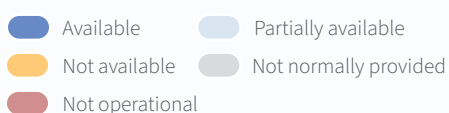


Barriers impeding service availability

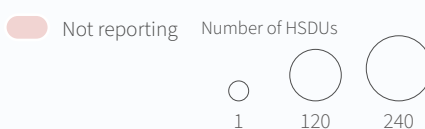


²² Clinical management of rape survivors including psychological support and provided in dedicate rooms to ensure privacy.

Availability status

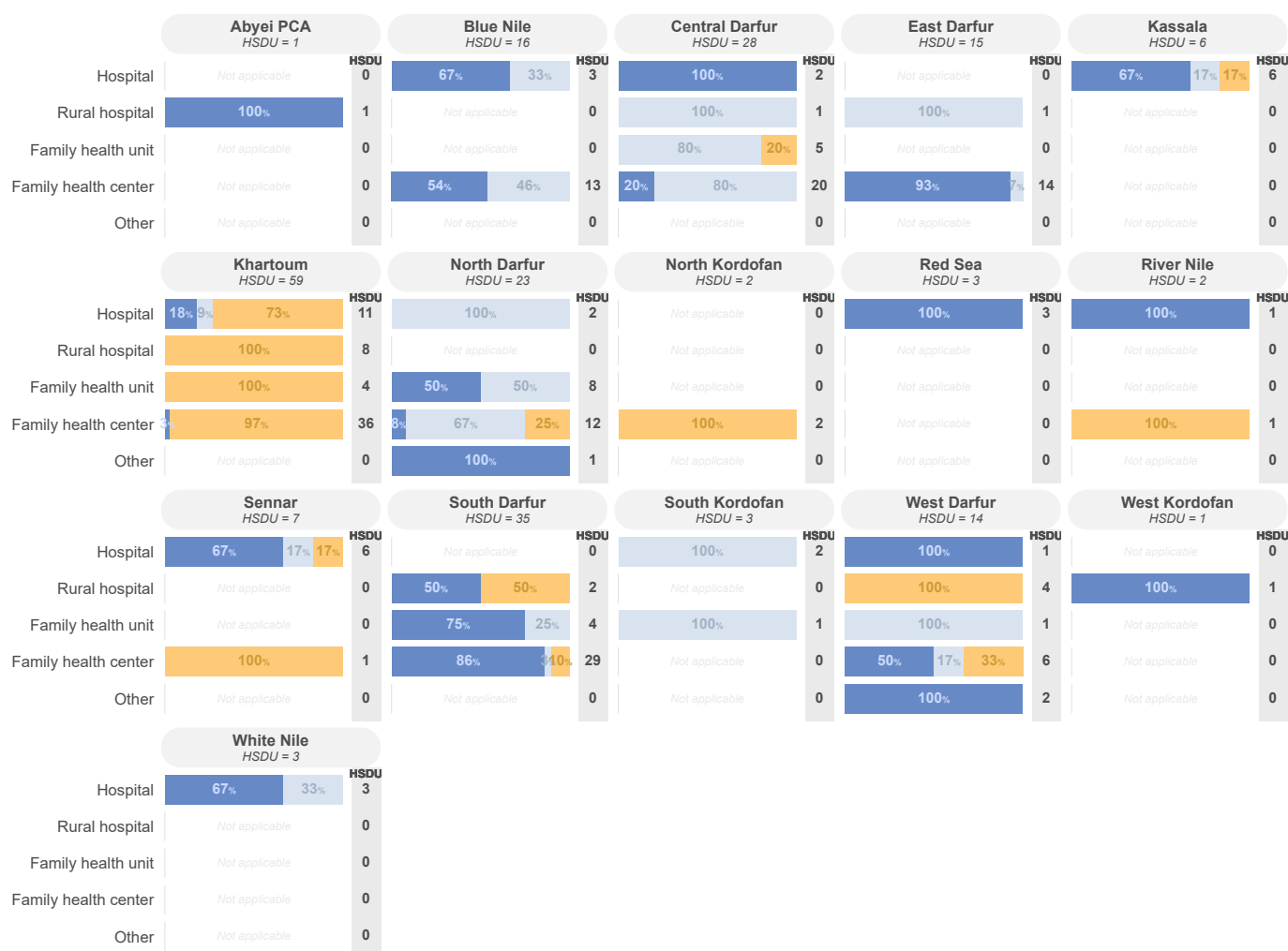


Maps

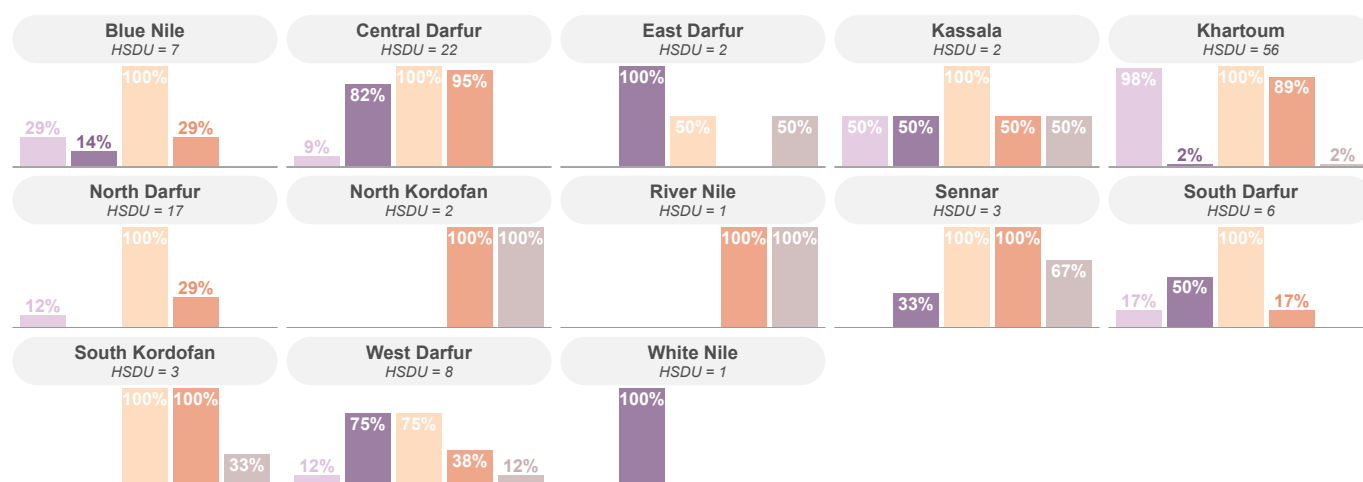




Service availability by HSDU type and state*



Barriers impeding service availability by state



Availability status

- Available
- Partially available
- Not available

Barriers for partial availability or non-availability.

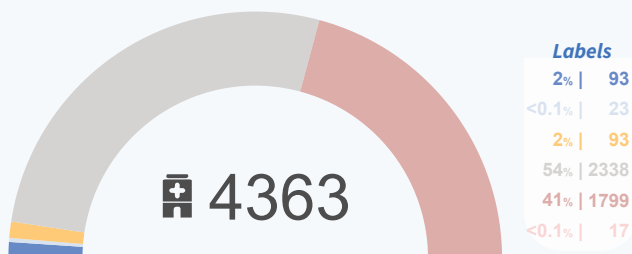
- Lack of staff
- Lack of supplies
- Lack of financial resources
- Lack of training
- Lack of equipment

* Non-operational HSDU and those not normally providing the service are excluded from this chart.

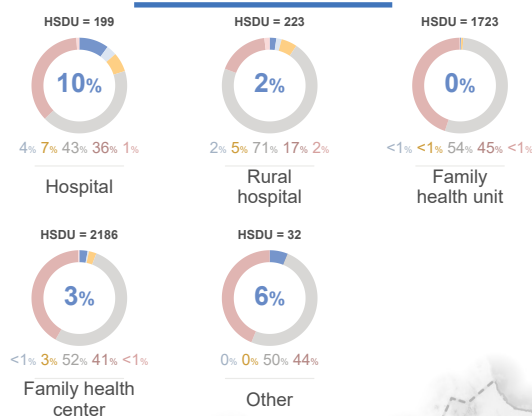


EMERGENCY CONTRACEPTION

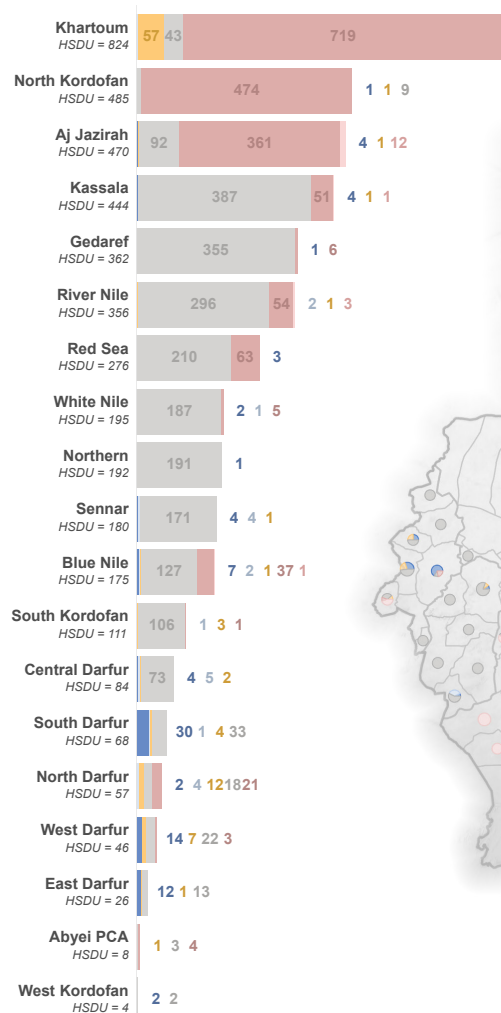
Service availability²³



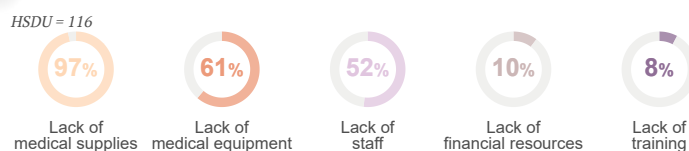
Service availability by HSDU type



Service availability by state

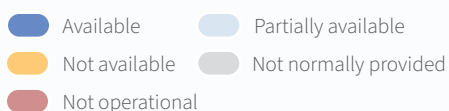


Barriers impeding service availability

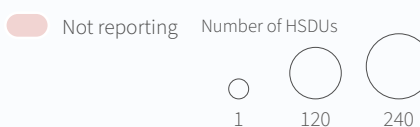


²³ Emergency contraception provided as standard to survivors of rape if recommended.

Availability status

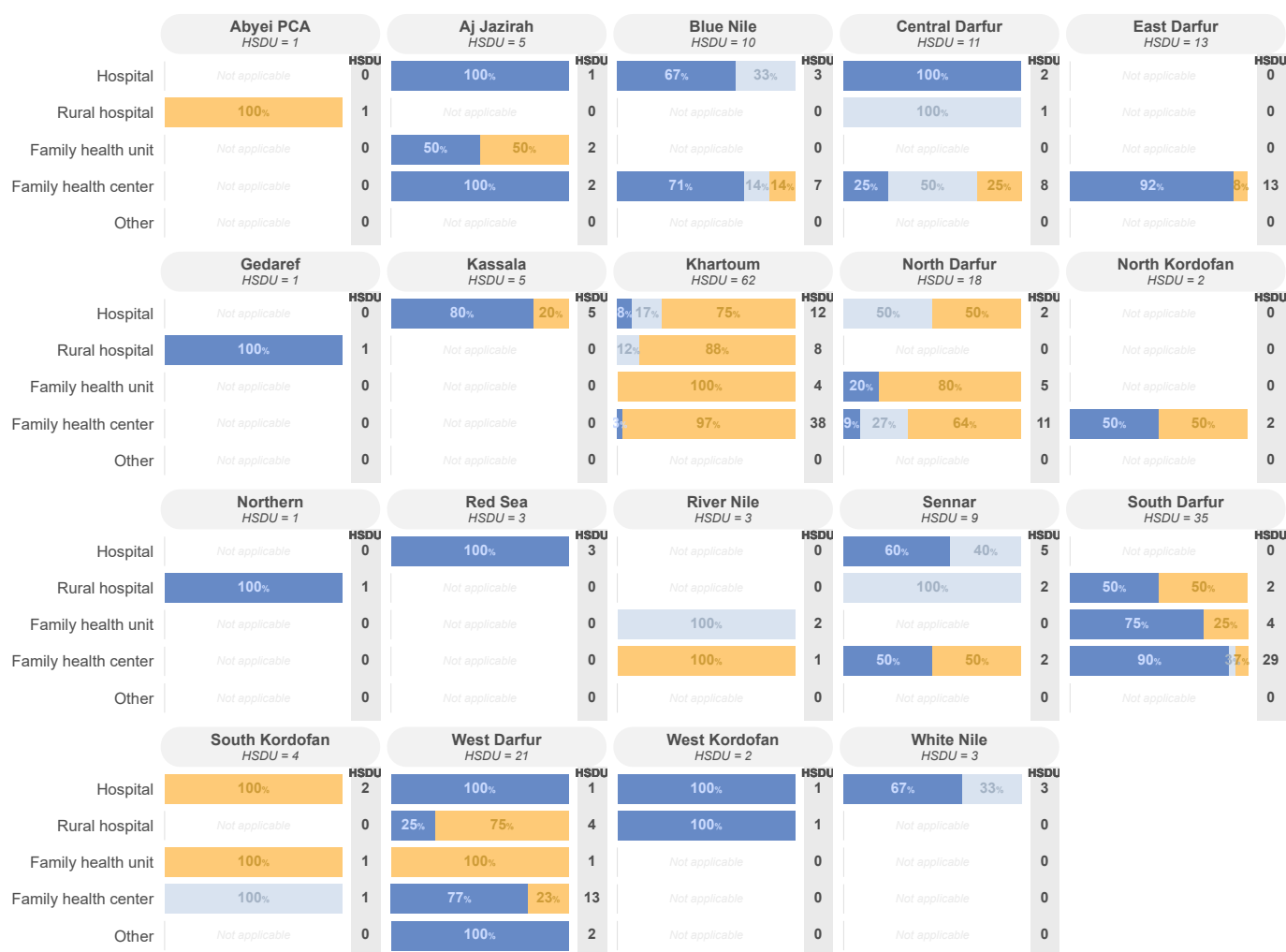


Maps

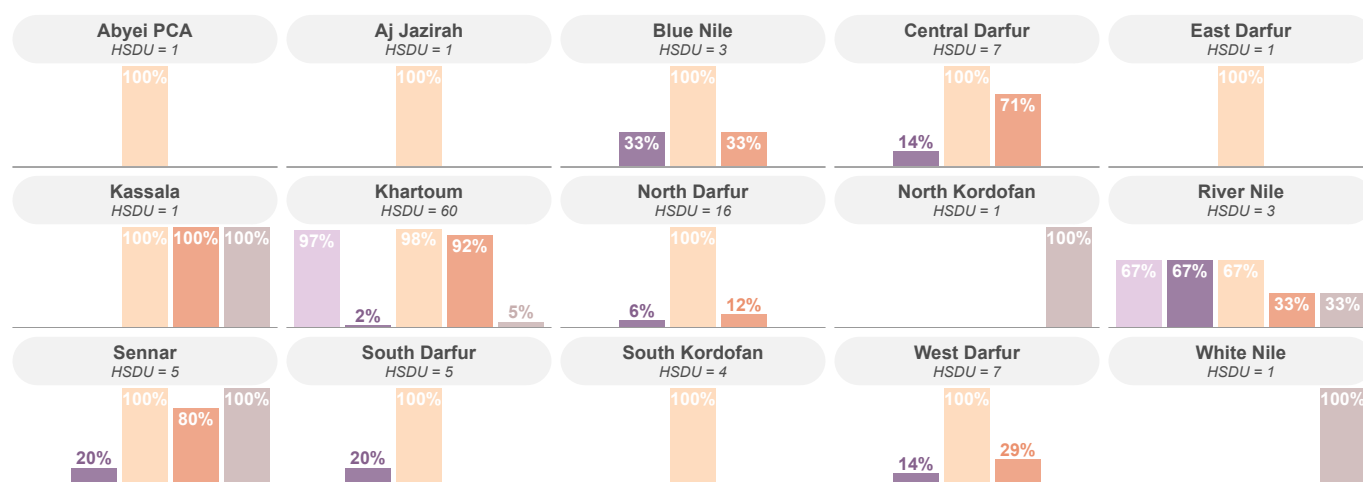




Service availability by HSDU type and state*



Barriers impeding service availability by state



Availability status

- Available
- Partially available
- Not available

Barriers for partial availability or non-availability.

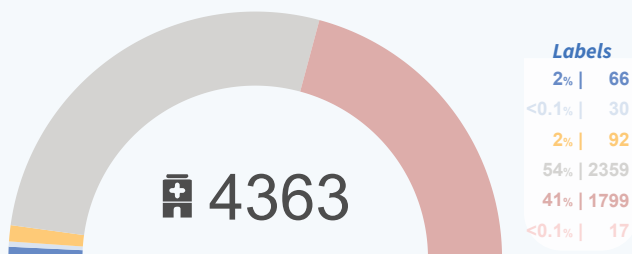
- Lack of staff
- Lack of supplies
- Lack of training
- Lack of equipment
- Lack of financial resources

* Non-operational HSDU and those not normally providing the service are excluded from this chart.

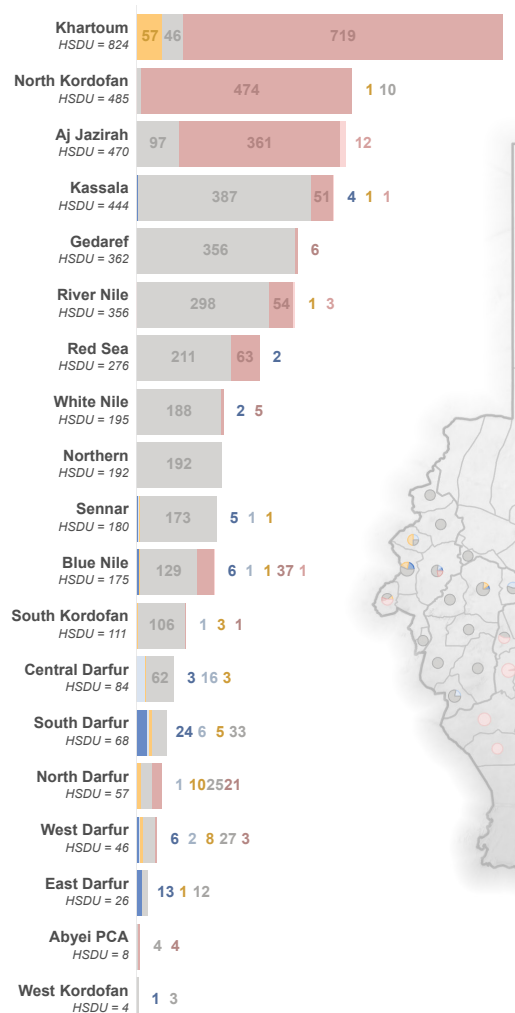


POST-EXPOSURE PROPHYLAXIS

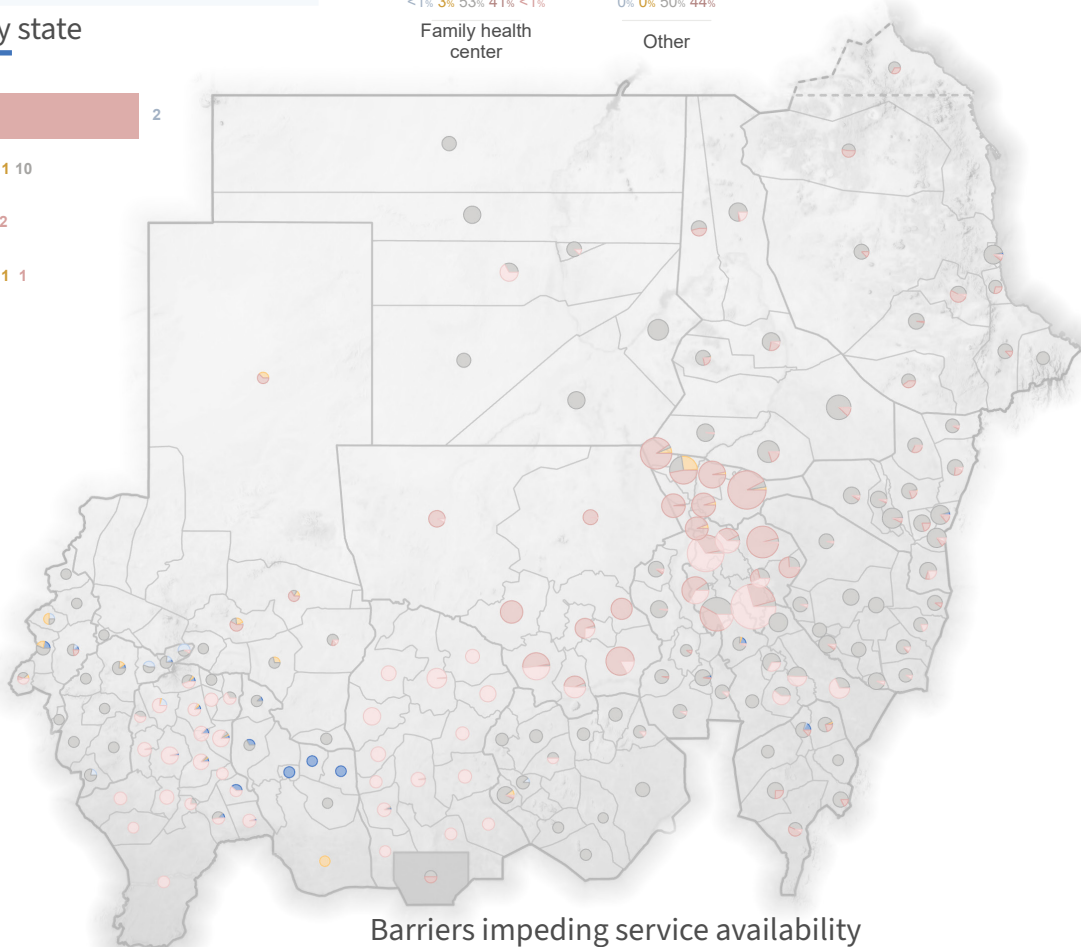
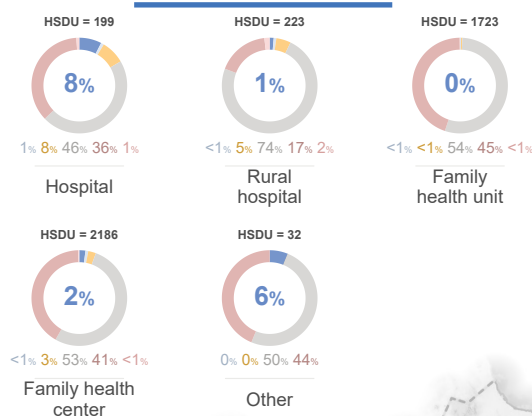
Service availability²⁴



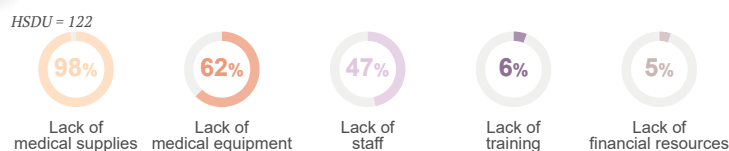
Service availability by state



Service availability by HSDU type

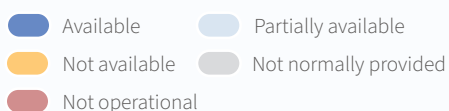


Barriers impeding service availability

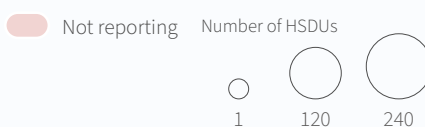


²⁴ Post-exposure prophylaxis for STIs and HIV infections.

Availability status

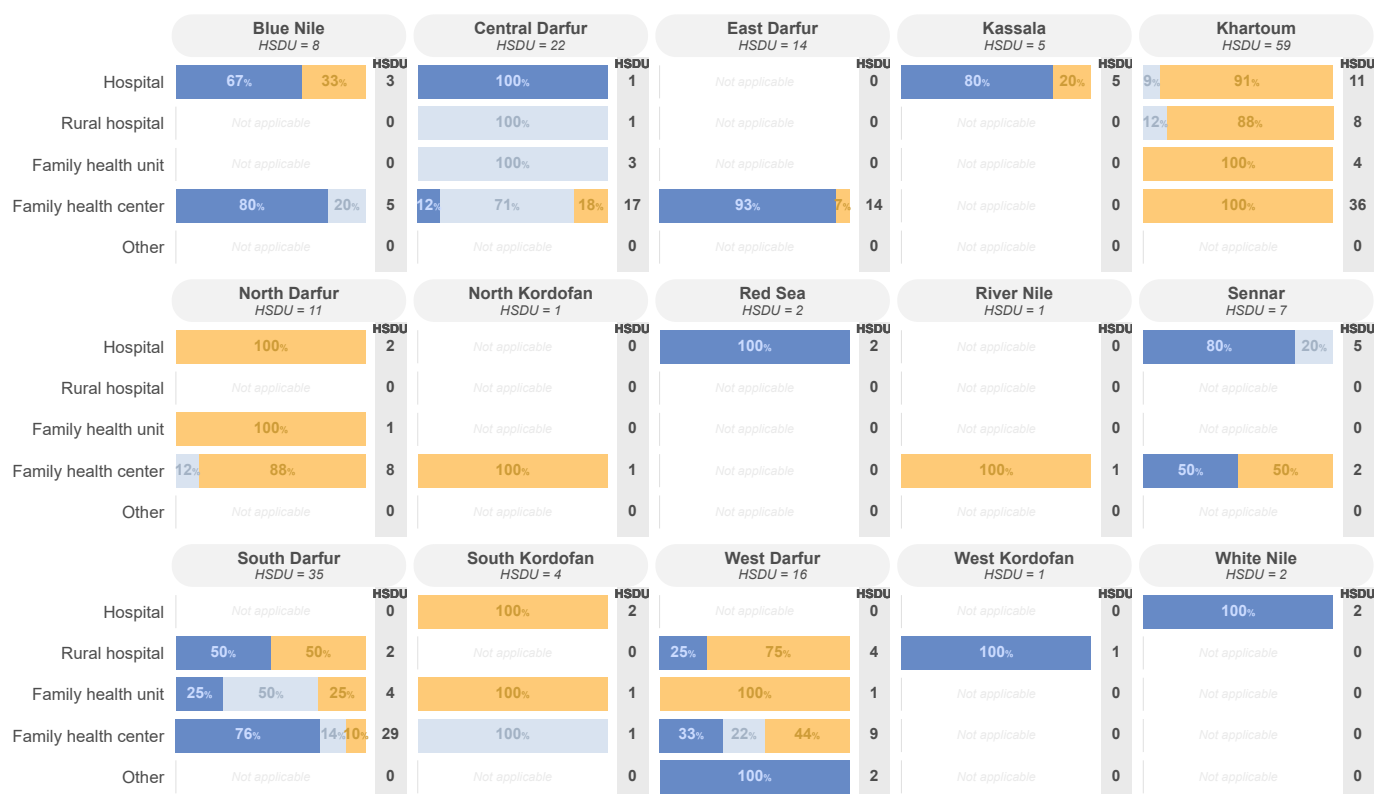


Maps

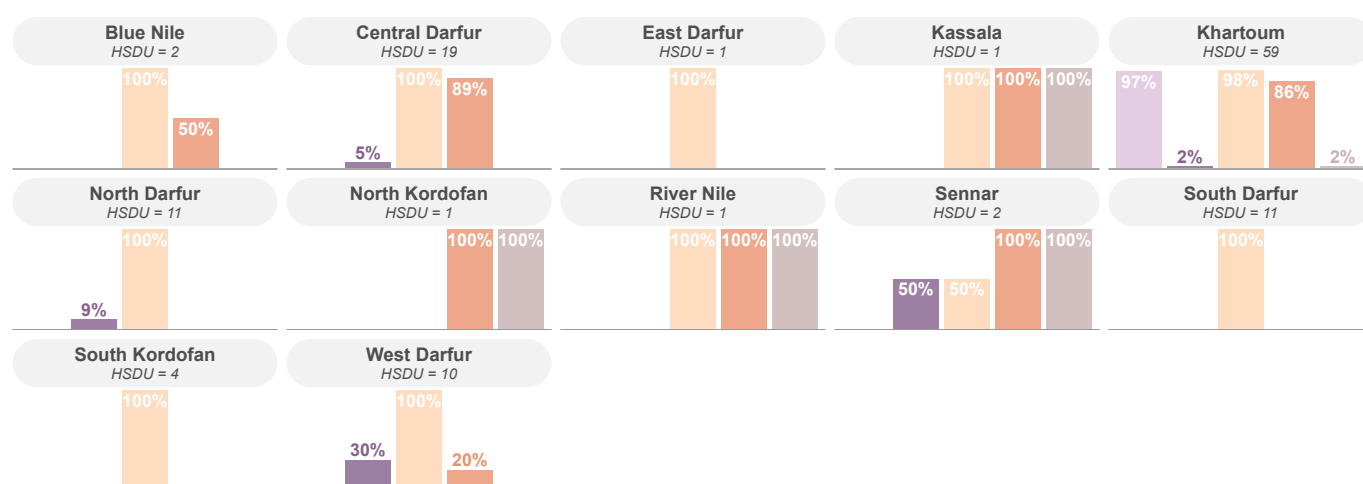




Service availability by HSDU type and state*



Barriers impeding service availability by state



Availability status

- Available
- Partially available
- Not available

Barriers for partial availability or non-availability.

- Lack of staff
- Lack of supplies
- Lack of financial resources
- Lack of training
- Lack of equipment

* Non-operational HSDU and those not normally providing the service are excluded from this chart.

ANNEX





ANNEX I: POPULATION ESTIMATES

State	Population estimates
KHARTOUM	5 941 286
AJ JAZIRAH	5 124 749
SOUTH DARFUR	3 895 007
NORTH DARFUR	3 461 818
NORTH KORDOFAN	3 444 769
WHITE NILE	3 392 274
GEDAREF	3 091 393
KASSALA	2 718 540
WEST KORDOFAN	2 612 654
SENNAR	2 532 326
EAST DARFUR	2 390 080
RED SEA	2 035 582
RIVER NILE	1 862 303
NORTHERN	1 446 861
SOUTH KORDOFAN	1 156 469
CENTRAL DARFUR	943 721
BLUE NILE	813 930
WEST DARFUR	618 178
ABYEI PCA	20 480
Grand total	47 502 420



ANNEX II: HeRAMS SERVICE DEFINITIONS

Service	Definition
IEC ON STI/HIV	Information, education, and communication (IEC) on prevention of sexually transmitted infections (STI) and human immunodeficiency virus (HIV), and behavior change communications.
STI/HIV ADVOCACY	Advocacy for community leaders on STI/HIV risks.
SYNDROMIC MANAGEMENT OF STIS	Syndromic management of STIs, national first-line antibiotics available.
PMTCT	Prophylaxis and treatment of opportunistic infections, prevention of mother-to-child HIV transmission.
FAMILY PLANNING	Availability of contraceptive methods as per national guidelines.
ANTENATAL CARE	Assessment of pregnancy, birth and emergency plan, response to problems observed, advise/counsel on nutrition and breastfeeding, self-care and family planning, intermittent iron and folate supplementation in non-anemic pregnancy.
CLEAN HOME DELIVERIES	Clean home delivery, including distribution of clean delivery kits to visibly pregnant women, IEC and behavioral change communications, knowledge of danger signs and where/when to go for help, promotion of exclusive breastfeeding and infant and young child feeding (IYCF) practices.
SKILLED CARE DURING CHILDBIRTH	Including early essential newborn care: preparing for birth, assessment of labor stage, WHO partograph monitoring, conditions management, drying baby, clean cord care, basic newborn resuscitation, skin-to-skin contact, oxytocin, early and exclusive breastfeeding, eye prophylaxis.
BASIC EMERGENCY OBSTETRIC CARE	Parenteral antibiotics, oxytocic/anticonvulsant drugs, manual removal of placenta, removal of retained products with manual vacuum aspiration (MVA), assisted vaginal delivery, HSDU functioning 24/7.
COMPREHENSIVE EMERGENCY OBSTETRIC CARE	Basic emergency obstetric care (BEmOC), caesarean section, safe blood transfusion.
POST-PARTUM CARE	Examination of mother and newborn (up to 6 weeks), respond to observed signs, support breastfeeding, counsel on complementary feeding, promote family planning
COMPREHENSIVE ABORTION CARE	Safe induced abortion for all legal indications, uterine evacuation using MVA or medical methods where applicable, antibiotic prophylaxis, treatment of abortion complications, counseling for abortion, and post-abortion contraception.
CLINICAL MANAGEMENT OF RAPE SURVIVORS	Clinical management of rape survivors including psychological support and provided in dedicate rooms to ensure privacy.
EMERGENCY CONTRACEPTION	Emergency contraception provided as standard to survivors of rape if recommended.
POST-EXPOSURE PROPHYLAXIS	Post-exposure prophylaxis for STIs and HIV infections.

