



South Sudan Ministry of Health

Integrated Disease surveillance
and response (IDSR)



World Health
Organization
South Sudan

Epidemiological Bulletin Week 25, 2023 (19 June - 25 June)



Major epidemiological highlights in week 25 of 2023

- In week 25, 2023, the IDSR reporting timeliness and completeness were both at **89%** and while for EWARNS sites were both at **86%**
- A total of 158 alerts were triggered in **week 25, 2023** most of the alerts were for AWD (32), measles(29), malaria(28), ARI (30), and bloody diarrhea (16)alerts
- Suspect Viral Hemorrhagic Fever (VHF) cases were reported from Dajo and Pashimbi in Longechuk County Upper Nile state.
- Measles outbreaks cases continue to be reported in South Sudan with 6447 cases reported from January 2022 to **week 25, 2023**, with 69 related deaths giving a CFR of 1.0%
- Measles outbreak in Renk County, with 247 cases and 7 deaths giving a CFR of 2.8% as of week 25
- As of June 29, 2023, a total of **138,142 individuals and 30,865 households** have arrived in South Sudan through 15 PoEs with a majority (90%) entering through Joda to Renk

SURVEILLANCE PERFORMANCE



For the Integrated Disease Surveillance (IDSR)
network and Early warning alert and response
network (EWARN)



IDSR timeliness performance at State level for week 25 & 24 of 2023



Timeliness States Ranking	States	Number of reporting sites	No. of HFs Reported on Time in WK 25	Timeliness Percentage of WK 25	No. of HFs Reported on Time in WK 24	Timeliness Percentage of WK 24
1st	CES	128	125	98%	123	96%
2nd	Lakes	114	111	97%	107	94%
3rd	NBGZ	89	85	96%	78	88%
4th	Unity	101	93	92%	80	79%
5th	Warrap	127	116	91%	112	88%
6th	WBGZ	80	71	89%	68	85%
7th	WES	217	191	88%	111	51%
8th	EES	105	89	85%	72	69%
9th	Jonglei	129	102	79%	101	78%
10th	Upper Nile	121	91	75%	62	51%
	South Sudan	1211	1074	89%	914	75%

KEY

	<60%	Poor
	61%-79%	Fair
	80%-99%	Good
	100%	Excellent

The Timeliness of IDSR Reporting (Supported by EWARS Web and Mobile) at health facility level in week 25 stands at 89% while in week 24 it was at 75% and 8 states are above the National target of 80% .

Reporting Challenges in the poorly performed States are; insecurity, internet inaccessible; Turnover of Partners.



DSR Completeness performance at State level for week 25 & 24 of 2023



Completeness States Ranking	States	Number of reporting sites	No. of HFs Reported regardless of time in WK 25	Completeness Percentage of WK 25	No. of HFs Reported regardless of time in WK 24	Completeness Percentage of WK 24
1st	CES	128	125	98%	126	98%
2nd	Lakes	114	111	97%	109	96%
3rd	NBGZ	89	85	96%	81	91%
4th	Unity	101	93	92%	85	84%
5th	Warrap	127	116	91%	119	94%
6th	WBGZ	80	71	89%	68	85%
7th	WES	217	191	88%	217	100%
8th	EES	105	89	85%	94	90%
9th	Jonglei	129	102	79%	102	79%
10th	Upper Nile	121	91	75%	102	84%
	South Sudan	1211	1074	89%	1103	91%

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The Completeness of IDSR Reporting (Supported by EWARS Web and Mobile) at health facility level in week 25 stands at 89% while in week 24 it was at 91% and 8 states are above the national target of 80%.

Reporting Challenges in the poorly performed States includes; insecurity; internet inaccessible; Turnover of Partners, Floods.



Surveillance: EWARS Timeliness performance indicator by partner for week 25 and 24 of 2023



Partner	HF's	Reporting	Performance		
PARTER	Number of reporting sites	# of reports received on Time in Week 25	Timeliness of Week 25	# of reports received on Time in Week 24	Timeliness of Week 24
AFAA	1	1	100%	1	100%
SSHCO	1	1	100%	1	100%
IRC	1	1	100%	1	100%
Medair	2	2	100%	2	100%
ForAfrika	13	13	100%	13	100%
Islamic Relief	5	5	100%	5	100%
MSF-H	4	4	100%	4	100%
CIDO	1	1	100%	1	100%
Medicaire	5	5	100%	5	100%
SCI	2	2	100%	2	100%
TRI-SS	2	2	100%	2	100%
World Relief	3	3	100%	3	100%
HFO	10	9	90%	9	90%
SMC	6	6	100%	5	83%
IOM	10	9	90%	8	80%
IMC	24	18	75%	15	63%
SP	8	4	50%	4	50%
MSF-E	6	3	50%	0	0%
TOTAL	104	89	86%	81	78%

The Timeliness of EWARS in partners' supported sites stands at 86% in week 25 while in week 24 it was at 78%



Surveillance: EWARS completeness performance indicator by partner for week 25 and 24 of 2023

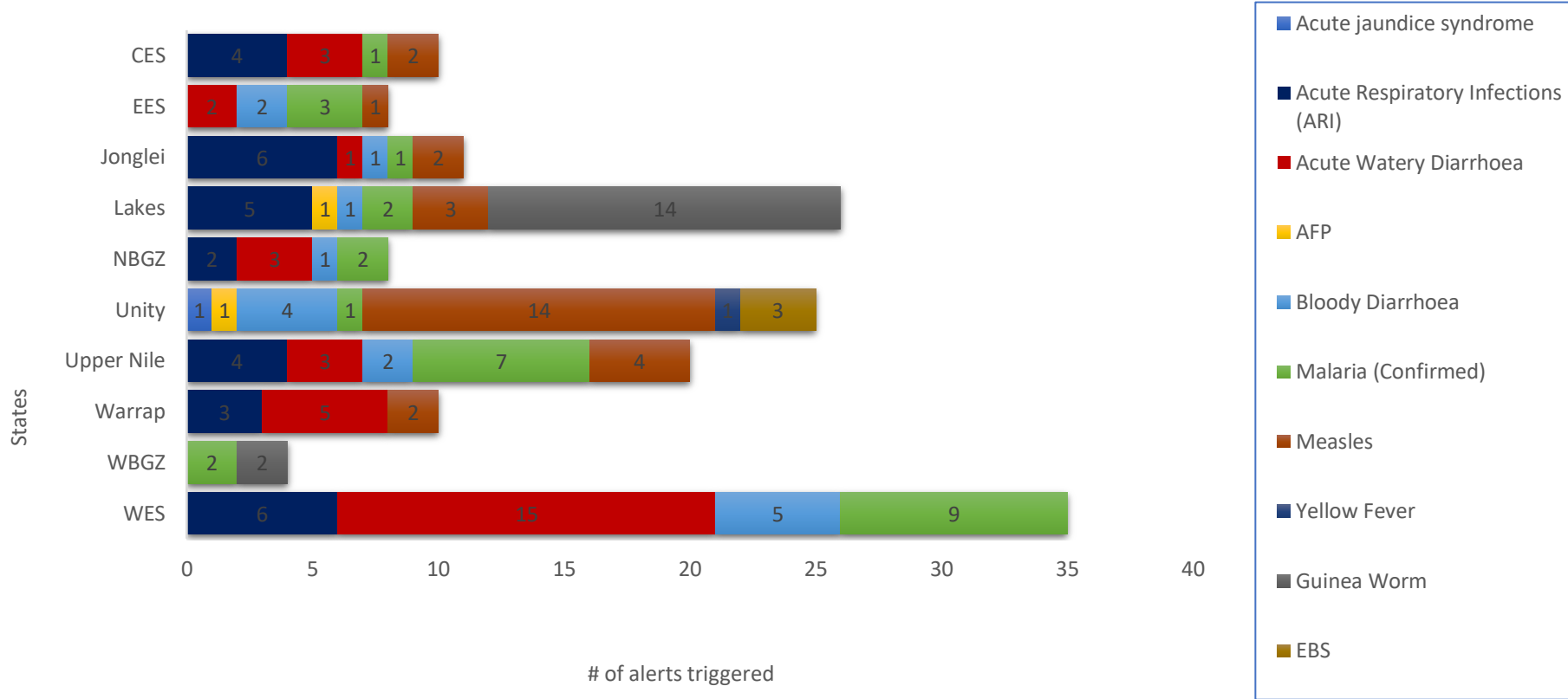


Partner	HFs	Reporting	Performance		
PARTER	Number of reporting sites	# of reports received regardless of Time in Week 25	Completeness of Week 25	# of reports received regardless of Time in Week 24	Completeness of Week 24
AFAA	1	1	100%	1	100%
SSHCO	1	1	100%	1	100%
IRC	1	1	100%	1	100%
Medair	2	2	100%	2	100%
ForAfrika	13	13	100%	13	100%
Islamic Relief	5	5	100%	5	100%
MSF-H	4	4	100%	4	100%
CIDO	1	1	100%	1	100%
Medicaire	5	5	100%	5	100%
SCI	2	2	100%	2	100%
TRI-SS	2	2	100%	2	100%
SMC	6	6	100%	6	100%
World Relief	3	3	100%	3	100%
HFO	10	9	90%	9	90%
IOM	10	9	90%	8	80%
IMC	24	18	75%	22	92%
MSF-E	6	3	50%	4	67%
SP	8	4	50%	4	50%
TOTAL	104	89	86%	93	89%

The Completeness of EWARS in partners' supported sites stands at **86%** in week **25** while in week **24** it was at **89%**



Alert by disease and States in week 25 of 2023 [a total of events specific alerts generated by state



This week a total of 158 Alerts were triggered of which 67 are from outbreak prone diseases as Per the broken-down below

- 32 AWD alerts: these alerts were triggered from the following States, CES (3), EES (2), Jonglei (1), NBGZ(3), Upper Nile (3), Warrap (5), WES(15)
- 29 Measles alert: these alerts were triggered from the following States, CES(2), EES(1), Jonglei (2), Lakes(3), Unity(15), Upper Nile (4), Warrap(2)
- 1 AJS alert: this alert was from MSF-H Bentiu IDP Hospital
- 1 AFP alert These were from Awar Piny PHCU in Abiemnhom County and Mathiang kok PHCU in Rumbek East
- 1 EBS alert from MSF-H Leer PHCC of a suspected measles from a returnee who came through Nyaruop Port one day after their arrival to Leer, Awar Piny PHCU in Abiemnhom County of a three years and two months old child who was reported to Nutrition Site presenting with weakness in right arm and leg and Abiemnhom PHCC of a 11 months and 18 days old female child found within the community, presenting with weaknesses in her right leg
- 1 Yellow Fever alert: Gumriak PHCU in Pariang County

INDICATOR AND EVENT-BASED SURVEILLANCE



Alert management including detection; reporting; verification;
risk assessment; & risk characterization

- **Viral Hemorrhagic Fever Alert from Longechuk County, Upper Nile State**





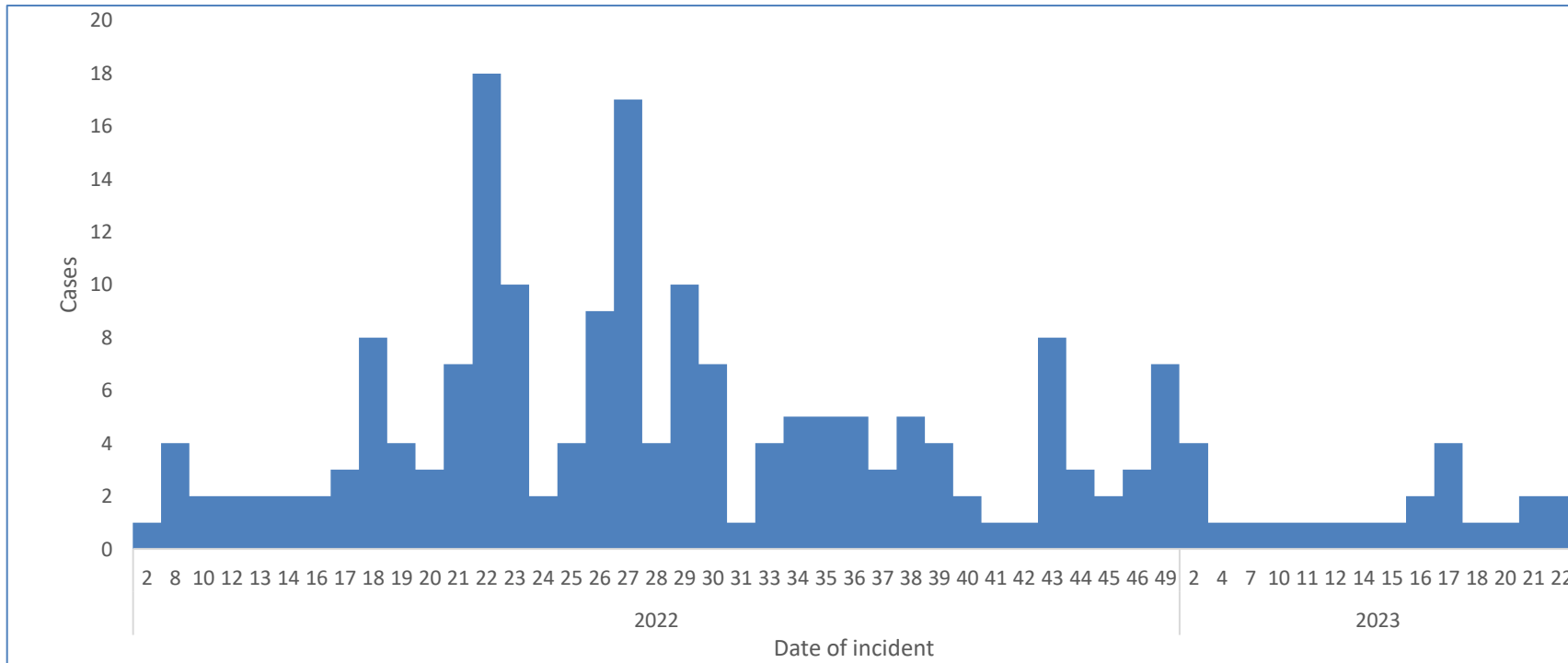
Viral Hemorrhagic Fever Alert from Longechuk County, Upper Nile State



- On the 16th of June 2023, a team consisting of staff from Nile Initiative Development Organization (NIDO) went for supportive supervision in Darjo PHCU, Darjo Payam, Longechuk County, Upper Nile State where they got reports of deaths from an unknown disease.
- According to the information the cases presented with vomiting blood, bloody diarrhea, sore throat, red eyes, running nose, blurry vision, cough, and itching. The deaths occurred within 3 days from the onset of the illness while those who went past 5 days improved. Four of the cases died (2 from Dajo and 2 from Pashimbi Boma).
- The reported cases came from Dukubela, an area bordering Pashimbi Boma and is between South Sudan and Ethiopia border. 150 cases and 23 deaths have already been reported in that area.
- Dajo PHCU is in a remote location with no road access as the area is flooded and it took the team from the national NGO approximately two days to walk from Mathiang Dajo
- An Emergency meeting was held at the PHEOC and RRT was activated to be deployed to the nearest place possible with difficulty in accessing the location, teams from the CHD and WHO field supervisor visited Darjo and collected samples from seven (7) suspects, cases and samples received in Juba
- Updates from the samples tested in NPHL show negative by PCR using all the arbo virus profiles for EVD, Marburg, Yellow Fever, Rift Valley Fever, Dengue Virus, and CCHF, however, samples will be shipped to UVRI for further testing
- Plans are still underway to deploy teams to Dajo once accessibility is guaranteed



Snake bites in Lakes State



- Lakes State has been reporting in Lakes State since 2022
- Cumulatively, 215 cases and 6 deaths (CFR 2.7%) have been recorded since Jan, 2022.
- Most affected age groups were 30 + years at 33% in the last 2 years.
- Females were most affected (52%) compared to 48% of male
- Majority of cases were from Rumbek North in 2022 a

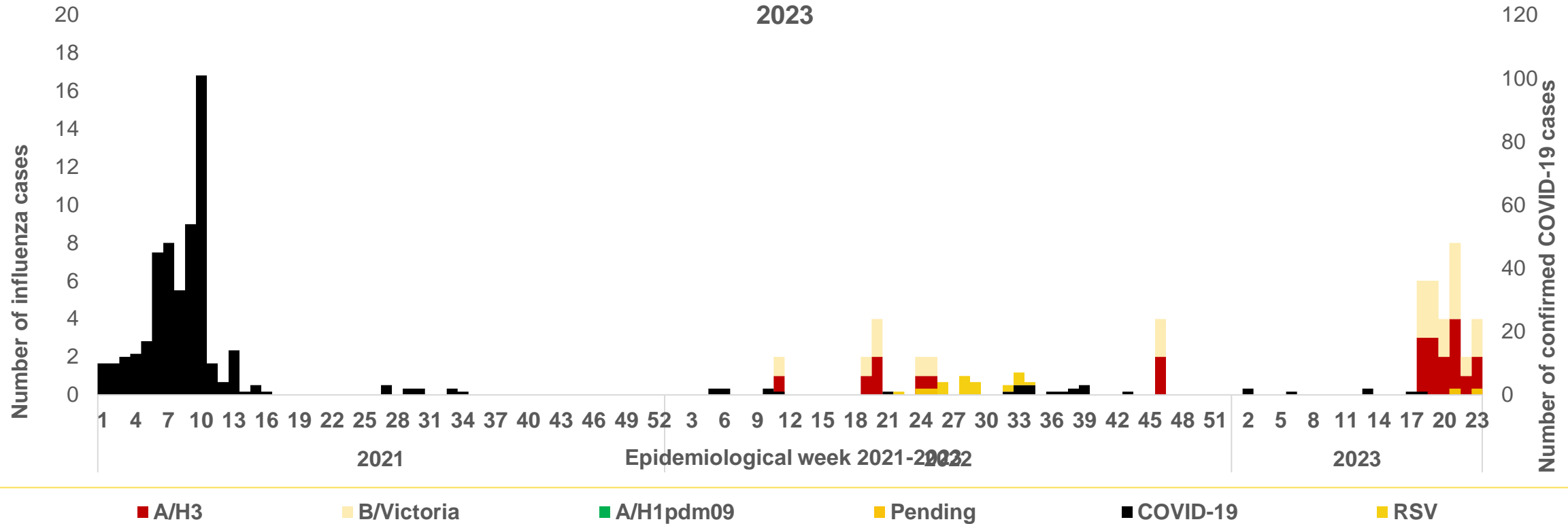
County	2022	2023	Total
Cueibet		12	12
Rumbek East	6		6
Rumbek North	115		115
Yirol East	59	29	88
Grand Total	180	41	221

Influenza sentinel Surveillance updates



Routine Sentinel Surveillance | Human Influenza & other Respiratory Pathogens

Confirmed Influenza ,COVID-19 and RSV cases from sentinel sites in Juba, week 1, 2021 to week 23, 2023



- There are currently Four designated Influenza sentinel surveillance sites in Juba (Juba Teaching Hospital and Al Sabah Children’s Hospital Rumbek State Hospital & Juba Military Hospital) that are collecting epidemiological data and samples from ILI/SARI cases.
- By the end of week 52,2022; a total of 594 ILI/SARI samples were collected,529 samples tested negative, and Cumulatively, 21 tested positive for covid-19,8 positive for Influenza B (Victoria), and 6 were positive for influenza A(H3).26 RSV was confirmed in Week 52
- From weeks 1-23 2023, a total of 285 ILI/SARI were collected all 261 tested negative,6 positives for Covid-19, (14)Influenza types A (H3), B (Victoria), and 6 for RSV in weeks 23,2023



**ACTIVE OUTBREAKS AND
PUBLIC HEALTH EVENTS**

ACTIVE OUTBREAKS AND PUBLIC HEALTH EVENTS

MEASLES ` UPDATES



Measles Outbreak Highlights



6,447

Suspected cases

4,137

(392 LC)
in 2022

2,310

(228 LC)
in 2023

64

Deaths
Since Jan
2022

1.0%

CRF

68 counties across all 10 States have reported at least one suspected measles case.

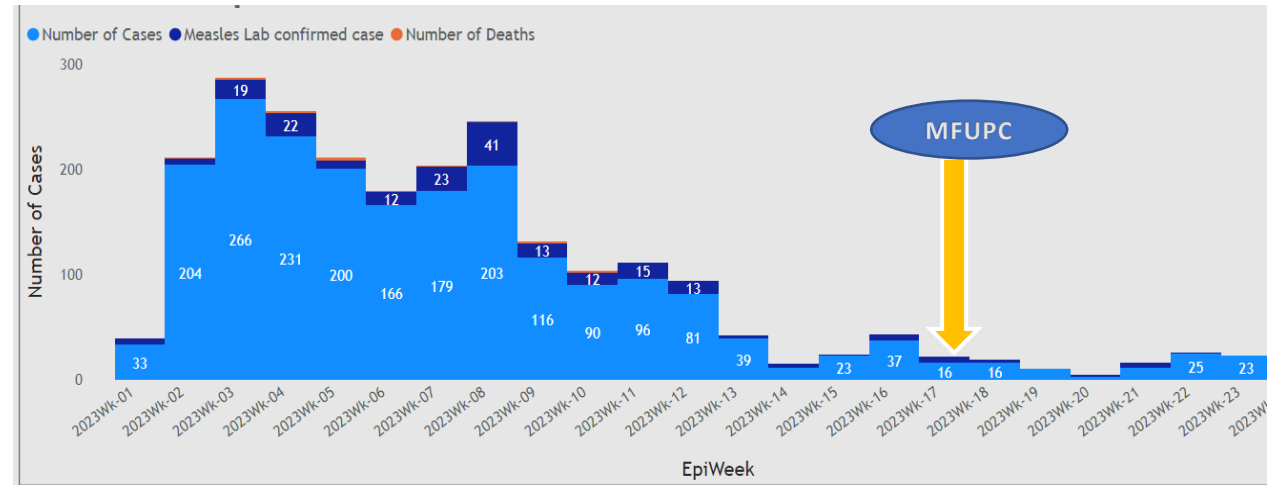
Reactive vaccination campaigns have been conducted in 22 counties, with 984,5394 children vaccinated

Twenty-four (24) newly suspected cases this week

No laboratory-confirmed case has been reported in week 25

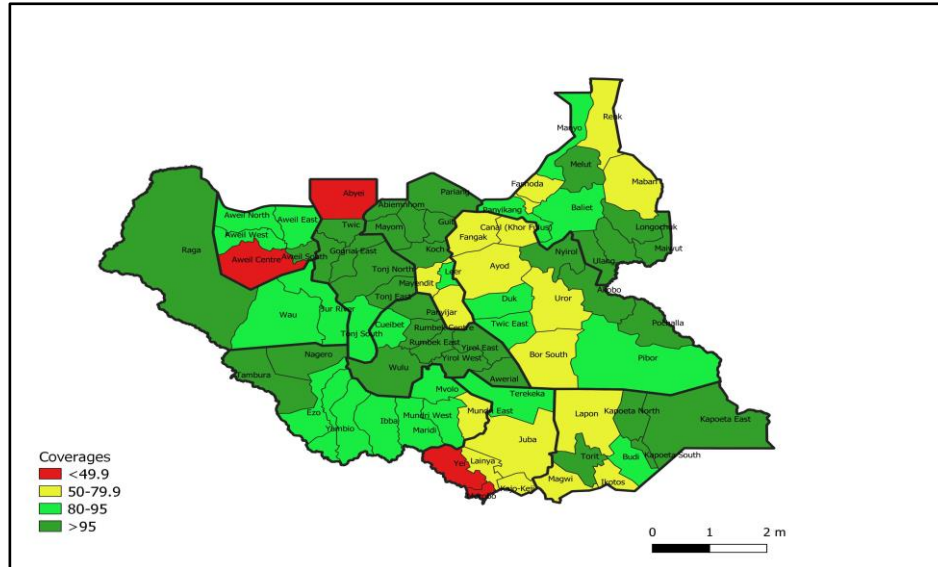
- A total of **6,447** reported suspected measles cases, **3,403 (53%)** are epi-linked, **424(7%)** lab-confirmed, **1,001(16%)** clinically compatible, and **674(10%)** discarded cases from epidemiological week 1, 2022, to **week 25, 2023**.
- A total of **198 rubella-positive** cases were among the discarded negative measles cases.
- **24 suspected** cases have been reported during week
- A total of **64 measles-related deaths** were reported since January 2022, with only **3 deaths** among the lab-confirmed measles cases. The case fatality rate (CFR) is **1.0%**.
 - No new measles-related death reported this week
- Seventeen (17) counties have confirmed Measles outbreaks in 2023
 - No newly confirmed outbreak this week

Epidemic curve of measles cases in South Sudan 2023





Map of Measles vaccination coverage by county



Admin Level	Coverage				Total
	≥ 95%	80% to 94.9%	50 to 79.9%	< 50%	
# of states	3	6	1	0	10
# of Admin area	2			1	3
# of Counties	34	24	18	4	80

Summary of result

- Measles vaccine: **2,383,771 (92%)** of target children
- Vitamin A supplemented to **1,549,014 (60%)**
- More than **1,214,564 (47%)** children screened for MUAC
- Deworming was conducted in few counties due to lack of supply and 58,274 children received Albendazole
- PIRI conducted in three states (CES, EES and WES) targeting missed and unreached children in 24 counties

Antigen	Target (Jan to March)	Children Vaccinated (0-23 months)			Coverage from the 1st quarter target*
		0-11 months	12-23 months	Total vaccinated	
BCG	41271	12508	0	12508	30.3
IPV1	41271	14685	2986	17671	35.6
IPV2	41271	7888	1389	9277	19.1
Penta3	41271	17935	3120	21055	43.5

PIRI performance for children 0 to 23 months

TD vaccine	Status of Women	Target (Jan to March)	# Vaccinated	Coverage from the 1st quarter target
TD1	Pregnant	64329	6826	10.6
	Non-Pregnant	287175	12753	4.4
TD2+	Pregnant	64329	8417	13.1
	Non-Pregnant	287175	11835	4.1



INTEGRATED MFUP CAMPAIGN- APRIL /May 2023



Measles Integrated National campaign

Data cleaning in progress, updates may be delayed... please try again later for latest information

Date

Y Q M W D
Month

Apr 2023 - ...

Apr

May

National Readiness

State Readiness

County Readiness

Measles

MUAC

Vit A

Deworming

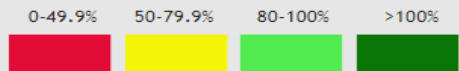
PIRI

DATA LAST REFRESH
5 June 2023 14:35:36

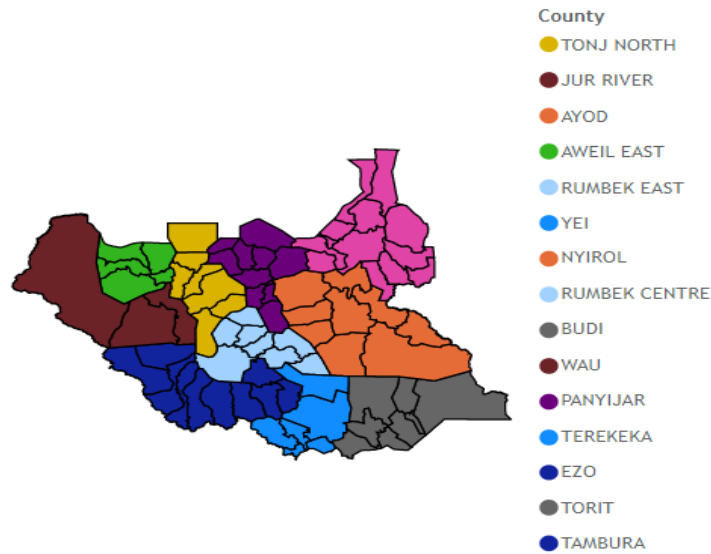
Synopsis

Children vaccinated by age and location

Reporting dates & facility feedback



Counties started National Campaign

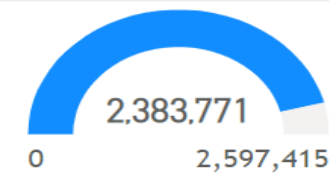
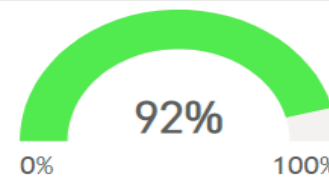


2,383,771

Total children 6-59 months vaccinated

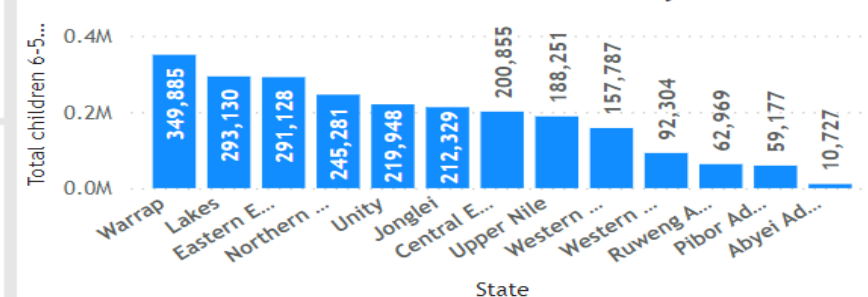
80

Counties Implementing



Country	Number of facilities reporting	Total children 6-59 months vaccinated	Measles Target Population (19%)	Measles campaign coverage
South Sudan	959	2,383,771	2,597,415	92%
Warrap	70	349,885	310,262	113%
Lakes	89	293,130	263,343	111%
Eastern Equatoria	122	291,128	316,060	92%
Northern Bahr El Ghazal	75	245,281	293,884	83%
Unity	70	219,948	213,064	103%
Total	959	2,383,771	2,597,415	92%

Total children 6-59 months vaccinated by State



- Home
- Population, Maps, Facility Functional...
- Coverage Maps
- Coverage Trends
- Antigens by Age
- Zero Dose
- Vaccine Preventable Diseases
- Supplementary Immunization Activities
- Partners
- Cold Chain
- Human Resource
- Page 1



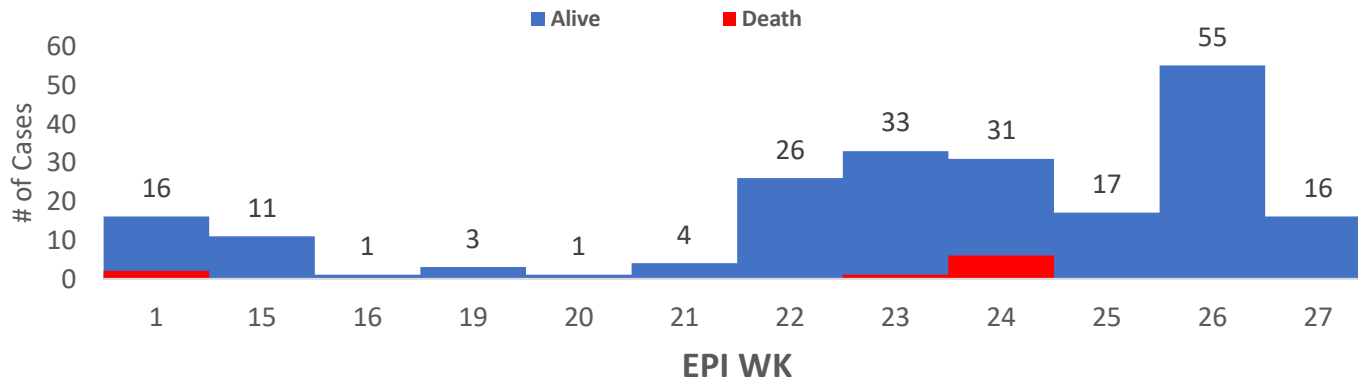
Current Priorities for Measles



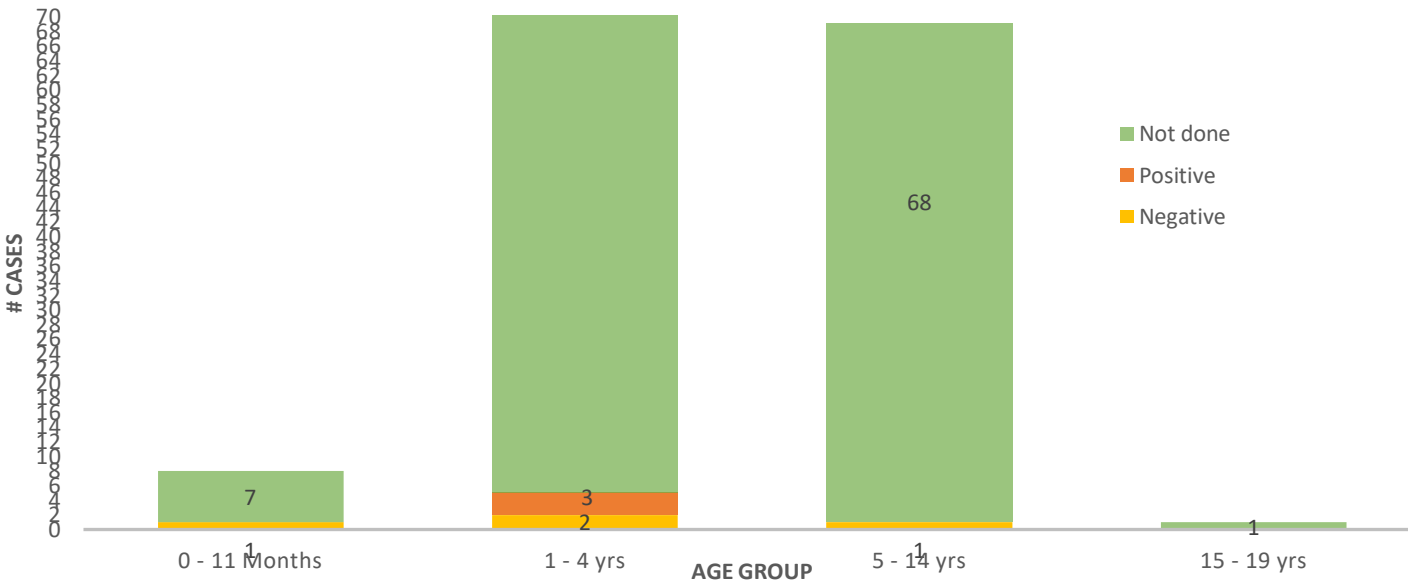
- Due to the significant influx of returnees and refugees from Sudan following the recent ongoing conflict, Since 16 April 2023, Measles outbreak was confirmed in Renk with nine(9) cases and two deaths
- Renk, Aweil and Roriak in Unity state have been identified as areas with needed interventions for mop up campaign.
- The mop-up campaign commenced on 26 June 2023 and was completed on 30 June 2023 following the integrated Measles follow-up campaign across all 80 counties for South Sudan
- The mop campaign was Integrated with the Oral polio vaccine as part of the emergency response to the measles outbreak
- Cumulative Preliminary coverage for the mop-up campaign is showing 62% out of the target vaccinated with OPV 0-15 Yrs and Measles stands at 65% of children 6-15 Years vaccinated.
- 3 monitors deployed from the National to the county to support the measles mop-up campaign
- Core Group Partners (CGPP) is finalizing reports on the Post campaign evaluation for mop up a campaign on the poorly performing counties
-



Epi curve for confirmed measles cases in Renk County as of 3rd July 2023 by Epi week.



Confirmed measles cases in Renk County as of 3rd July 2023 by Age group and vaccination status.



Descriptive Epi

- Measles cases were first identified in week 15 and samples were collected in weeks 20-22 after investigation by the CHD
- Outbreak confirmed in Renk County after 4 samples tested positive for measles IgM**
- A total of 247 measles cases and 7 deaths (2 from the Sudan side) have been line listed since the confirmation of the measles outbreak giving a **CFR of 2.8%**
- All cases were line-listed during active case search from four health facilities serving returnees in Renk county
- Majority of the cases were reported from Renk Hospital and Wonthou IOM clinic at the point of entry, the clinic serves both returnees and the population from Halagaya camp in Joda Sudan, then Renk Hospital (27) and MSF (7)
- Critical cases are referred to Renk civil hospital for inpatient hospital
- Of the of the seven deaths reported two deaths were residents of Halagaya camp in Sudan who came to seek treatment in the Wanthou IOM PoE clinic in South Sudan.
- Majority of the cases were reported from children aged 1 – 4 years as this same age group also accounts for most of the cases recorded.
- Renk County completed the integrated measles, Vit A, MUAC, and deworming campaign on 18 May with a coverage of 69% for measles for children aged 6 to 59 months
- Rise up in could be attributed to low coverage and the influx of returnees due to the Sudan crisis

Ongoing Response

- Case management in Renk Hospital is supported by CHD and Relief International however MSF is supporting case management in Renk Hospital
- Daily active case search by WHO and CHD in health facilities
- WHO supported Case management training conducted on 13-15 June for 42 healthcare workers in Renk county
- Ongoing vaccination currently at the POE for all under-five children as a response to the Sudan crisis
- MoH /WHO and partners concluded a mop-up campaign in Renk on 30 June targeting children 6months to 15 years



Capacity Building Activities:

- Orientation on EWARS conducted to enable M&Es and CSO to submit weekly IDSR reports and on database management;
- Orientation on Measles Line listing, Cholera line listing, Mortality line list, and Case-based reporting conducted;
- Measles, Cholera, Mortality Line lists and Case-based reporting forms shared with health partners;
- On Job training and support is ongoing to improve reporting.

Challenges:

- Poor reporting and Line Listing of Measles cases by implementing partners (cases referred before Line listed and therefore, tracing the cases become difficult);
- Limited Human resource capacity (M&E for Implementing and response partners). Some health partners do not have M&Es or Data clerks to compile the reports;
- Inadequate filing of patients' files in the hospitals makes retrieving files for the patients referred to the hospital from the clinics difficult.

Recommendations:

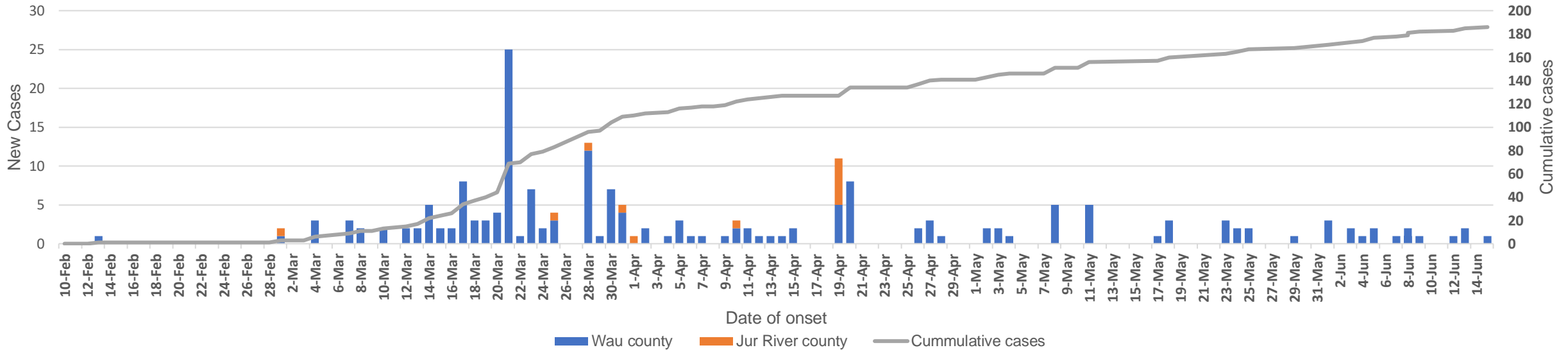
- All the health cluster team leads responding to the Sudan crisis in Renk to make sure all measles cases are Line Listed in all the health facilities they support;
- Conduct measles mop-up campaign with the inclusion of older age groups for measles response

ACTIVE OUTBREAKS AND PUBLIC HEALTH EVENTS

HEPATITIS E VIRUS - UPDATES

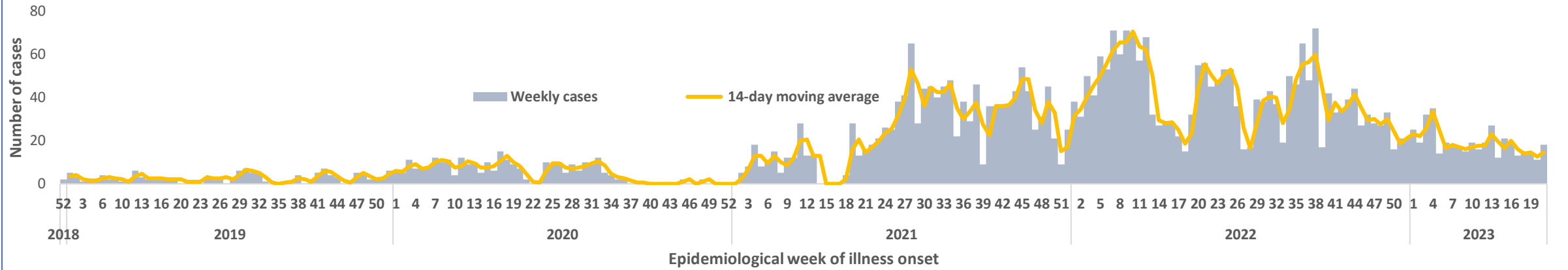


Cases of Hepatitis E in Wau and Jur river counties, 2023



- On March 22, 2023, the state Ministry of Health in Western Bahr el Ghazal state notified the Ministry of Health in Juba of clusters of cases and deaths in Wau.
- Cases presented with yellowing of eyes (Acute Jaundice Syndrome).
- State MOH and WHO conducted alert verification and collected samples for further investigations.
- On April 14, 2023, the national Ministry of Health declared an outbreak of Hepatitis E Virus (HEV) disease and subsequently activated the PHEOC to response mode and all response pillars
- Total of 185 HEV Cases including (7 death) CFR of 3.8% has been since the start of the outbreak
- Ten cases were reported during the reporting week 22.
- Most cases (185, 64 %)are males. The median age is 20 (range:2-71) years. Overall,
- Overall CFR= 4.3 % versus 9.8 % in females and 2.4 % in males.

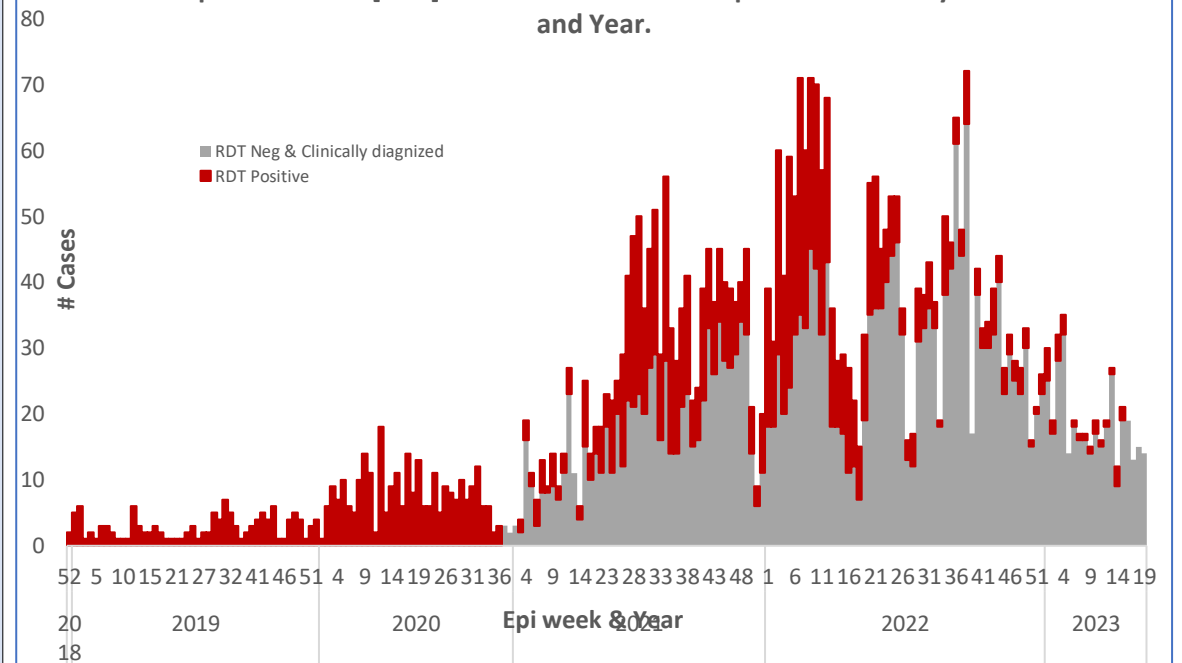
Hepatitis E Virus [HEV] cases in Bentiu IDP camp, wk 1, 2019 to wk 21, 2023



Descriptive Epi

- Cases of Acute Jaundice Syndrome (AJS) in the Bentiu IDP camp continue with an overall total of 4,165 cases since the beginning of 2019 to week 20 2023 with an overall of 27 deaths. CFR of 0.65%
- Of all the cases, reported, 1481 tested positive for Hepatitis E virus by Rapid Diagnostic Test.
- In 2023, of the 326 AJS cases reported, only 28 tested positive for Hepatitis E Virus by RDT.
- No new AJS cases reported since week 22 and no RDT positive for HEV reported in week 22 2023
- Of all the AJS cases reported in, 2023 only 105 were managed as inpatient cases and the rest were treated as outpatients
- 46% are female and 54% are male of all the AJS. 40% of all the cases are in the age-group 15-44 years followed by 24% in children ages 1-4 years

Hepatitis E Virus [HEV] cases in Bentiu IDP camp 2018 to 2023 by week and Year.



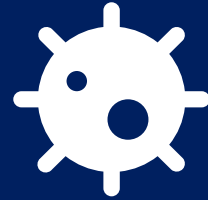
HEV response update

1. Biweekly coordination forum comprising health, WASH, and other clusters
2. Surveillance enhanced through the provision of refresher training, distribution of case definition, and other reporting tools
3. Weekly analytics of the outbreak data to monitor trends and inform decision making
4. Case management for symptomatic cases is provided by the PHCCs; severe cases are referred to MSP PoC Hospital
5. The HEV vaccination campaign was conducted in Bentiu IDP Camp; the first round with a coverage of 91% and the second round with a coverage of 82% among those aged 16-40 years (incl. pregnant women).
6. Risk communication and awareness are enhanced through household health promoters/hygiene promoters; radio talk shows and messaging. Cholera and HEV messages were disseminated.
7. Enhanced access to safe drinking water, sanitation facilities such as latrines, mass clean-up campaigns, regular water quality testing, and monitoring

HEV response challenges

1. Lack of long-term investment to improve the WASH situation in the camp
2. Lack of meaningful behavioral changes among the population
3. Frequent population movements between the IDP and host communities; the host community was not vaccinated
4. Floods have worsened the WASH situation in the camp

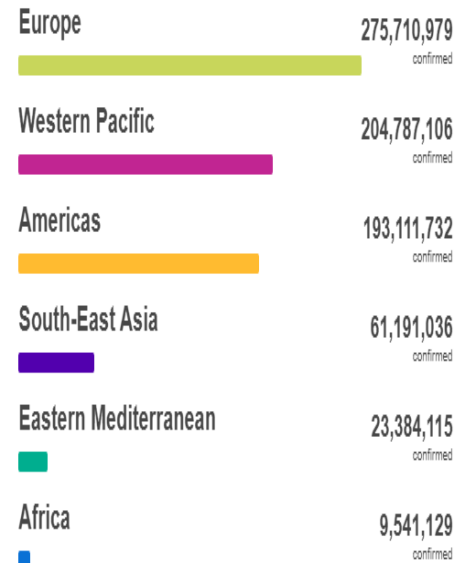
COVID-19 UPDATES



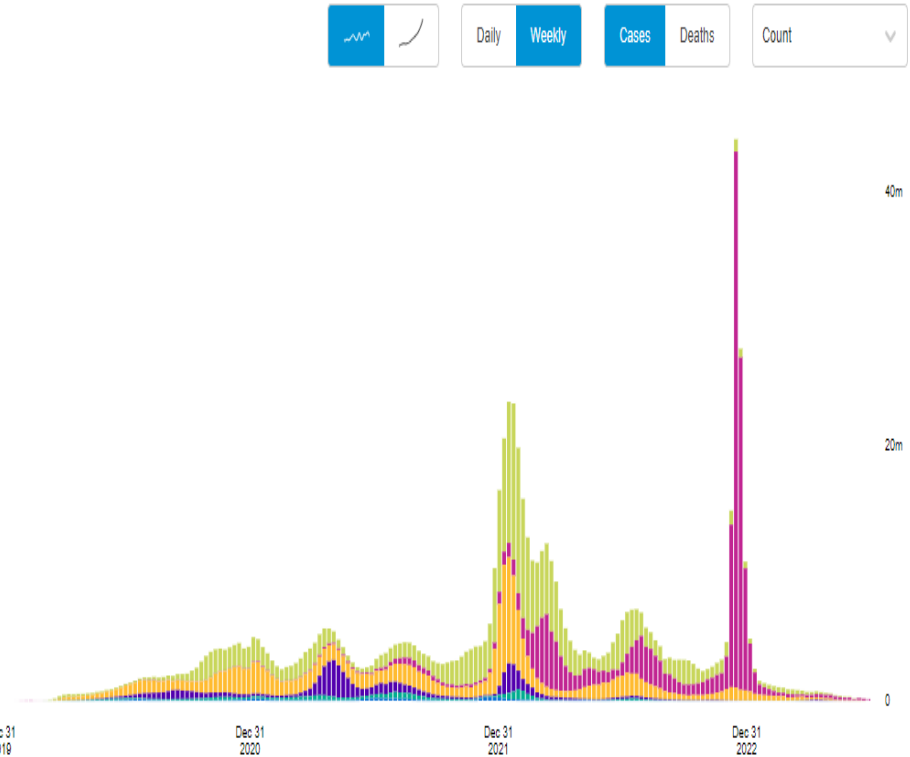
Situation update as of 14, June 2023

- Globally, as of 4:01pm CEST, 5 July 2023, there have been 767,726,861 confirmed cases of COVID-19, including 6,948,764 deaths, reported to WHO. As of 27 June 2023, a total of 13,461,751,619 vaccine doses have been administered.
- In Africa, as of 31 May 2023 there have been **9,541,129** confirmed cases of COVID-19, including **175,399 deaths** reported to the WHO
- In South Sudan, from **3 January 2020 to 29 June 2023**, there have been **18,368** confirmed cases of COVID-19 with **138 deaths**, reported to WHO. As of 7 May 2023, a total of **4,312,900** vaccine doses have been administered.

Situation by WHO Region



Source: World Health Organization
 Data may be incomplete for the current day or week.



WHO: <https://www.who.int/health-topics/coronavirus>

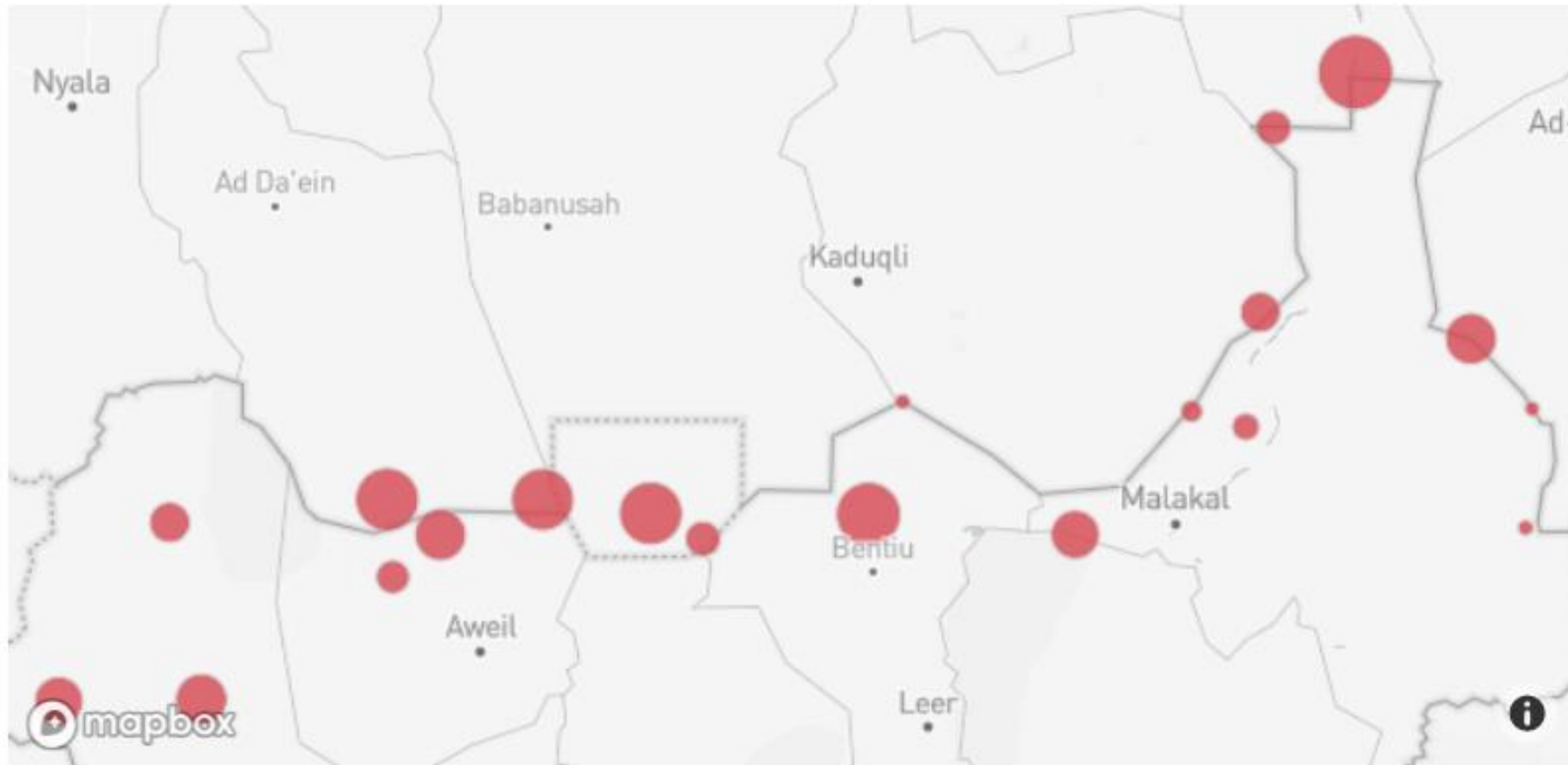


HUMANITARIAN RESPONSE

SUDAN CRISIS

Points of Entry

as of 29 June 2023




Sudan Crisis Response in South Sudan

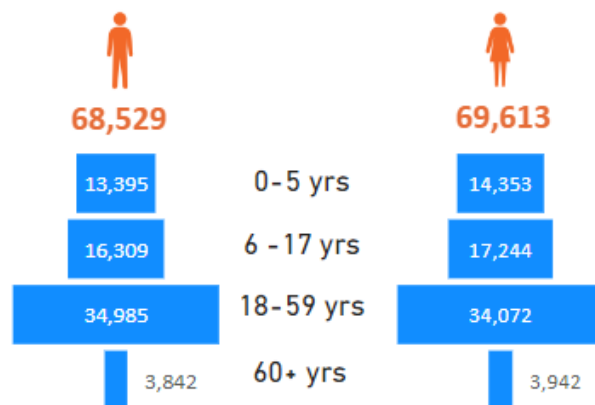
• Key Figures

 **30,865** Households

 **138,142** Individuals

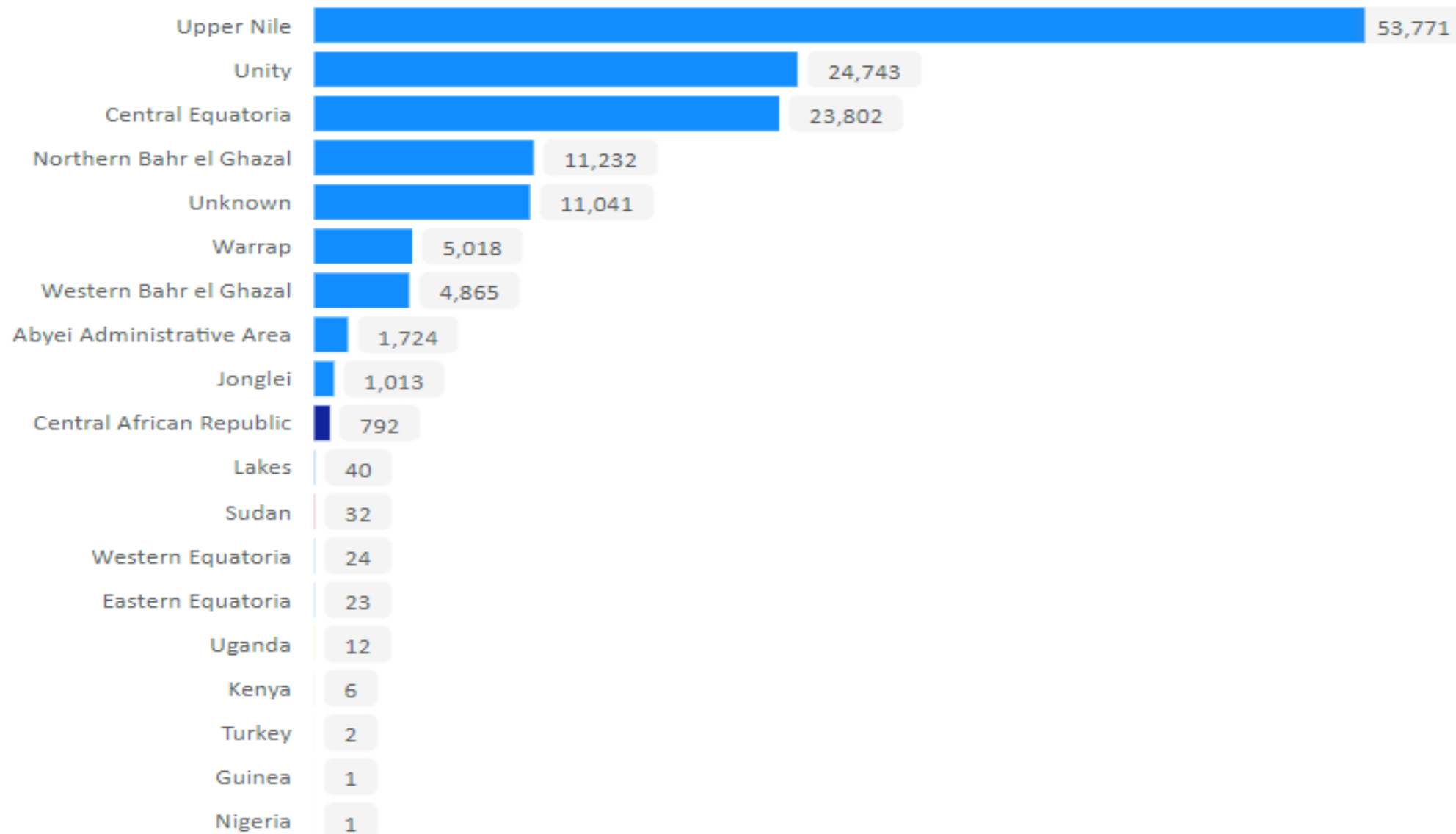
 **17** Nationalities

Sex and Age Breakdown



#	Nationality	No. of individuals	Percentage
1	South Sudan	125,793	91.1%
2	Sudan	8,468	6.13%
3	Eritrea	2,272	1.64%
4	Other	1,108	0.80%
5	Kenya	182	0.13%
6	Ethiopia	119	0.09%
7	Uganda	92	0.07%
8	Somalia	83	0.06%
9	Rwanda	4	0.003%
10	Tanzania	4	0.003%
11	Egypt	3	0.002%
12	DRC	3	0.002%
13	USA	2	0.001%
14	India	2	0.001%
15	Moroco	2	0.001%
	Total	138,142	100.00%

Intended states of destination (individuals)



*Some people may change where they want to go as they travel.



Key Interventions and ongoing activities for the Sudan Crises



- WHO/CHD is coordinating the overall emergency health, and nutrition clusters responding in response through the existing structures.
- WHO/MoH deployed 4 teams to conduct the health-related rapid assessment and coordinate health emergency response in areas with high numbers of Refugees and Returnees.
- WHO managed to distribute or preposition a total of 269 Health Emergency Health kits to six locations that can benefit around 101,555 for three months at the cost of \$ 142,710.
- Kits issued were mainly IEHK, Pneumonia, Cholera Investigation & treatment Kits, SAM/MC kits, and Field Sample Collection Kits. **Others include Snake Venom antisera & SARS COV-2 Ag RDT.**
- Strengthening Early Warning Alerts and Response Systems (EWARS) for timely detection and investigation of priority diseases under active surveillance
- MoH/WHO has started training for stabilization centers to support the inpatient management of Severe Acute Malnutrition (SAM) with medical complication cases.
- WHO guided partners on immunization in humanitarian crisis and vaccination has been instituted at the points of entry with support from IOM



**OVERALL
CONCLUSIONS AND
RECOMMENDATIONS**



Conclusions

- In week 25, 2023, the IDSR reporting timeliness and completeness were both at **89%** and while for EWARN sites were both at **86%**
- A total of 158 alerts were triggered in **week 25, 2023** most of the alerts were for AWD (32), measles(29), malaria(28), ARI (30), and bloody diarrhea (16)alerts
- Suspect Viral Hemorrhagic Fever (VHF) cases reported from Dajo and Pashimbi in Longechuk County Upper Nile state,
- Measles outbreaks cases continue to be reported in South Sudan with 6447 cases reported from January 2022 to **week 25, 2023**, with 69 related deaths giving a CFR of 1.0%
- Measles outbreak in Renk County, with 247 cases and 7 deaths giving a **CFR of 2.8%**
- As of June 29, 2023, a total of **138,142 individuals and 30,865 households** have arrived in South Sudan through 15 PoEs with a majority (90%) entering through Joda to Renk

Recommendations



- Partners to continue supporting County Health Departments (CHD) & State Ministries of Health on timely IDSR/EWARN reporting and involve the boma health workers to support community-based surveillance
- Health facilities to conduct an initial investigation on suspected cases of epidemic-prone diseases and collect samples
- Continue with preparedness activities to strengthen surveillance at all levels including conducting after-action reviews and simulation exercises.
- Continue to support the multicluster response strategy in the reception sites for returnees/refugees' influx due to the Sudan crisis

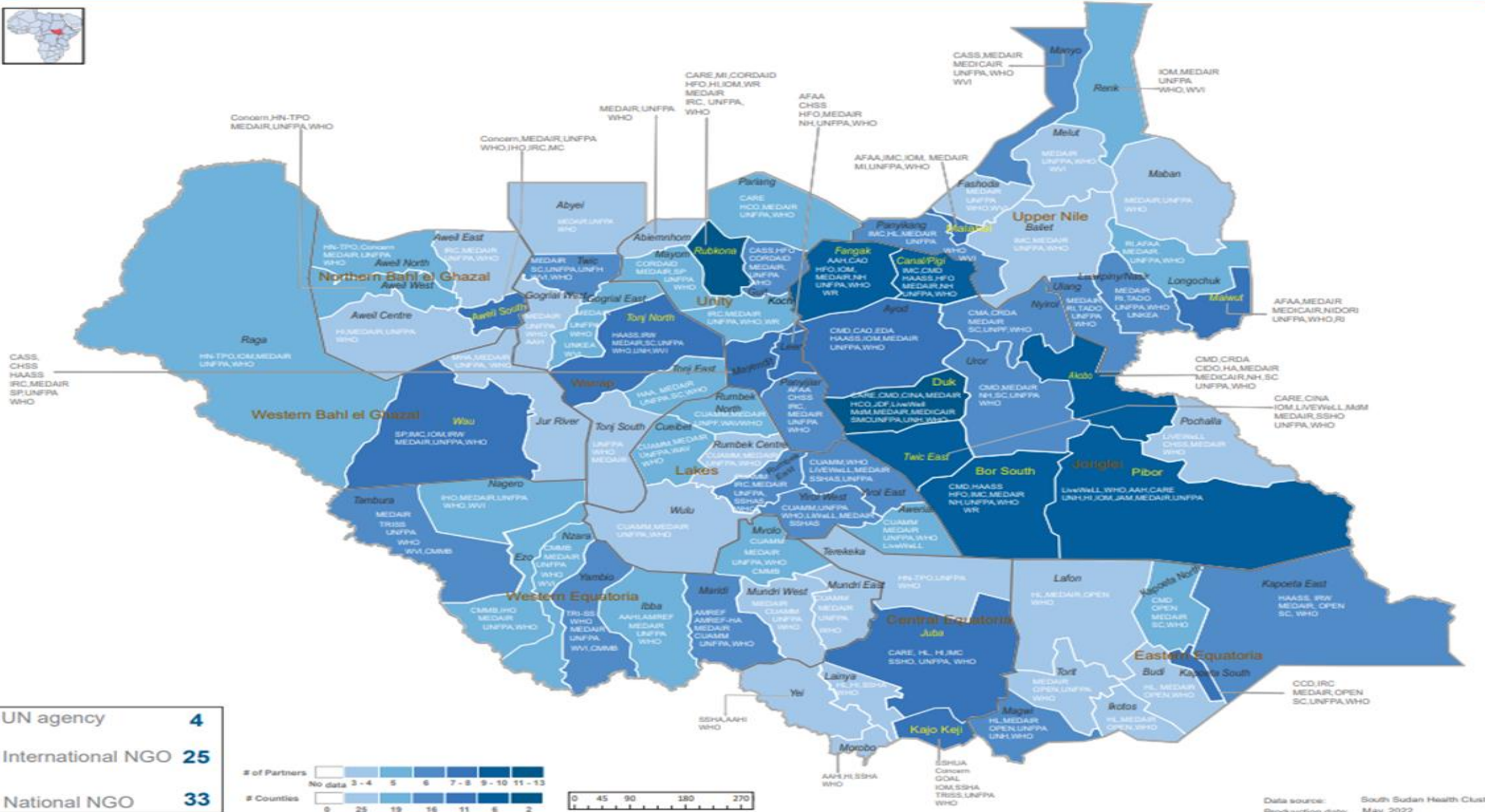


ISR timeliness & completeness performance at county level for week 25 and 24 of 2023 (2)



STATE	COUNTY	Number of reporting sites	No. of HF's Reported on Time in WK 25	Timeliness Percentage of WK 25	No. of HF's Reported regardless of time in WK 25	Completeness Percentage of WK 25	No. of HF's Reported regardless of time in Wk 24	Completeness Percentage of WK 24	STATE	COUNTY	Number of reporting sites	No. of HF's Reported on Time in WK 25	Timeliness Percentage of WK 25	No. of HF's Reported regardless of time in WK 25	Completeness Percentage of WK 25	No. of HF's Reported regardless of time in WK 24	Completeness Percentage of WK 24
EES	Magwi	17	17	100%	17	100%	17	100%	Warrap	Tonj East	12	12	100%	12	100%	12	100%
Jonglei	Pibor	8	8	100%	8	100%	8	100%	Warrap	Twic	28	28	100%	28	100%	27	96%
Jonglei	Bor	19	19	100%	19	100%	19	100%	Warrap	Tonj South	12	12	100%	12	100%	12	100%
Jonglei	Pochalla	7	7	100%	7	100%	7	100%	Upper Nile	Baliet	5	5	100%	5	100%	5	100%
Jonglei	Duk	13	13	100%	13	100%	13	100%	Upper Nile	Maban	19	19	100%	19	100%	19	100%
EES	Lopa Lafon	15	15	100%	15	100%	11	73%	Upper Nile	Ulang	9	9	100%	9	100%	8	89%
EES	Torit	11	11	100%	11	100%	11	100%	Upper Nile	Akoka	5	5	100%	5	100%	4	80%
EES	Budi	17	16	94%	16	94%	16	94%	Warrap	Abyei	14	13	93%	13	93%	10	71%
Jonglei	Ayod	13	12	92%	12	92%	12	92%	Upper Nile	Makal	9	8	89%	8	89%	6	67%
EES	Kapoeta South	9	8	89%	8	89%	9	100%	Warrap	Gogrial East	15	13	87%	13	87%	13	87%
EES	Kapoeta East	7	6	86%	6	86%	6	86%	Warrap	Gogrial West	31	26	84%	26	84%	30	97%
Jonglei	Fangak	21	17	81%	17	81%	17	81%	Upper Nile	Renk	11	9	82%	9	82%	11	100%
EES	Ikotos	19	15	79%	15	79%	17	89%	Warrap	Tonj North	15	12	80%	12	80%	15	100%
Jonglei	Uror	8	6	75%	6	75%	6	75%	Upper Nile	Luakpiny Nasir	10	8	80%	8	80%	10	100%
Jonglei	Akobo	15	11	73%	11	73%	11	73%	Upper Nile	Manyo	15	11	73%	11	73%	12	80%
Jonglei	Canal Pigi	14	8	57%	8	57%	8	57%	Upper Nile	Fashoda	9	6	67%	6	67%	7	78%
Jonglei	Nyirrol	2	1	50%	1	50%	1	50%	Upper Nile	Longechuk	9	6	67%	6	67%	9	100%
Jonglei	Twic East	9	0	0%	0	0%	0	0%	Upper Nile	Maiwut	10	4	40%	4	40%	10	100%
EES	Kapoeta North	10	0	0%	0	0%	7	70%	Upper Nile	Melut	6	1	17%	1	17%	0	0%
									Upper Nile	Panyikang	2	0	0%	0	0%	1	50%

South Sudan Health Cluster HRP Partners 2022



Thanks to the State Surveillance Officers, County Surveillance Officers and Health Facility in-charges for sharing the weekly IDSR data

Thanks to all partners for supporting IDSR weekly reporting and sharing the line lists

To access the IDSR bulletins for 2022 use the link below:

<https://www.afro.who.int/publications/south-sudan-weekly-disease-surveillance-bulletin-2023>

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Notes

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The data has been collected with support from the EWARS project. This is an initiative to strengthen early warning, alert and response in emergencies. It includes an online, desktop and mobile application that can be rapidly configured and deployed in the field. It is designed with frontline users in mind, and built to work in difficult and remote operating environments. This bulletin has been automatically published from the EWARS application.

More information can be found at <http://ewars-project.org>

