



**South Sudan
Ministry of Health**

**Integrated Disease surveillance
and response (IDSR)**



**World Health
Organization**
South Sudan

**Epidemiological Bulletin Week 02, 2023
(January 9- 15 January)**



- In week **02, 2023**, the IDSR reporting timeliness and completeness were **74%** and **85%** respectively and timeliness and completeness for EWARN sites were at **89%** and **93%** respectively
- Of the 49 alerts reported in **week 02, 2023**; the majority were for, **Malaria (10), AWD (19), and Guinea worm (2)**
- Measles outbreaks confirmed in more than 41 counties since the beginning of the year 2022. A total of **3,581** cases and **41 deaths** giving a **CFR of 1.14%** reported from all states as of **week 02, 2023**.
- Reactive vaccination campaign for measles is commenced in three counties (Cuibet, Yirol East and West) of Lakes state
- Measles outbreak was declared in Tonj North by health authorities in Warrap state as 5 out of the six samples tested positive for measles IgM
- The persistent transmission of HEV in the Bentiu IDP camp continues with **3,841 cases** since the beginning of 2019 and 19 cases reported in week 02 of 2023.

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 02 & 01 of 2023



Timeliness States Ranking	States	Number of reporting sites	No. of HFs Reported on Time in WK 02	Timeliness Percentage of WK 02	No. of HFs Reported on Time in WK 01	Timeliness Percentage of WK 01
1st	CES	128	122	95%	119	93%
2nd	Warrap	124	113	91%	107	86%
3rd	NBGZ	86	75	87%	75	87%
4th	WES	218	181	83%	218	100%
5th	EES	105	86	82%	92	88%
6th	Unity	95	63	66%	68	72%
7th	WBGZ	78	49	63%	66	85%
8th	Lakes	113	64	57%	113	100%
9th	Jonglei	118	60	51%	64	54%
10th	Upper Nile	109	55	50%	49	45%
	South Sudan	1174	868	74%	971	83%

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 02 stands at 74% while in week 01 it was 83% and 5 states were above the target of 80% in week 02.

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



IDSR Completeness performance at State level for week 02 & 01 of 2023

Completeness States Ranking	States	Number of reporting sites	No. of HFs Reported regardless of time in WK 02	Completeness Percentage of WK 02	No. of HFs Reported regardless of time in WK 01	Completeness Percentage of WK 01
1st	Lakes	113	113	100%	113	100%
2nd	CES	128	125	98%	120	94%
3rd	NBGZ	86	83	97%	82	95%
4th	Warrap	124	118	95%	118	95%
5th	WES	218	207	95%	218	100%
6th	EES	105	99	94%	105	100%
7th	Unity	95	69	73%	83	87%
8th	WBGZ	78	53	68%	76	97%
9th	Upper Nile	109	66	61%	68	62%
10th	Jonglei	118	60	51%	64	54%
	South Sudan	1174	993	85%	1047	89%

KEY

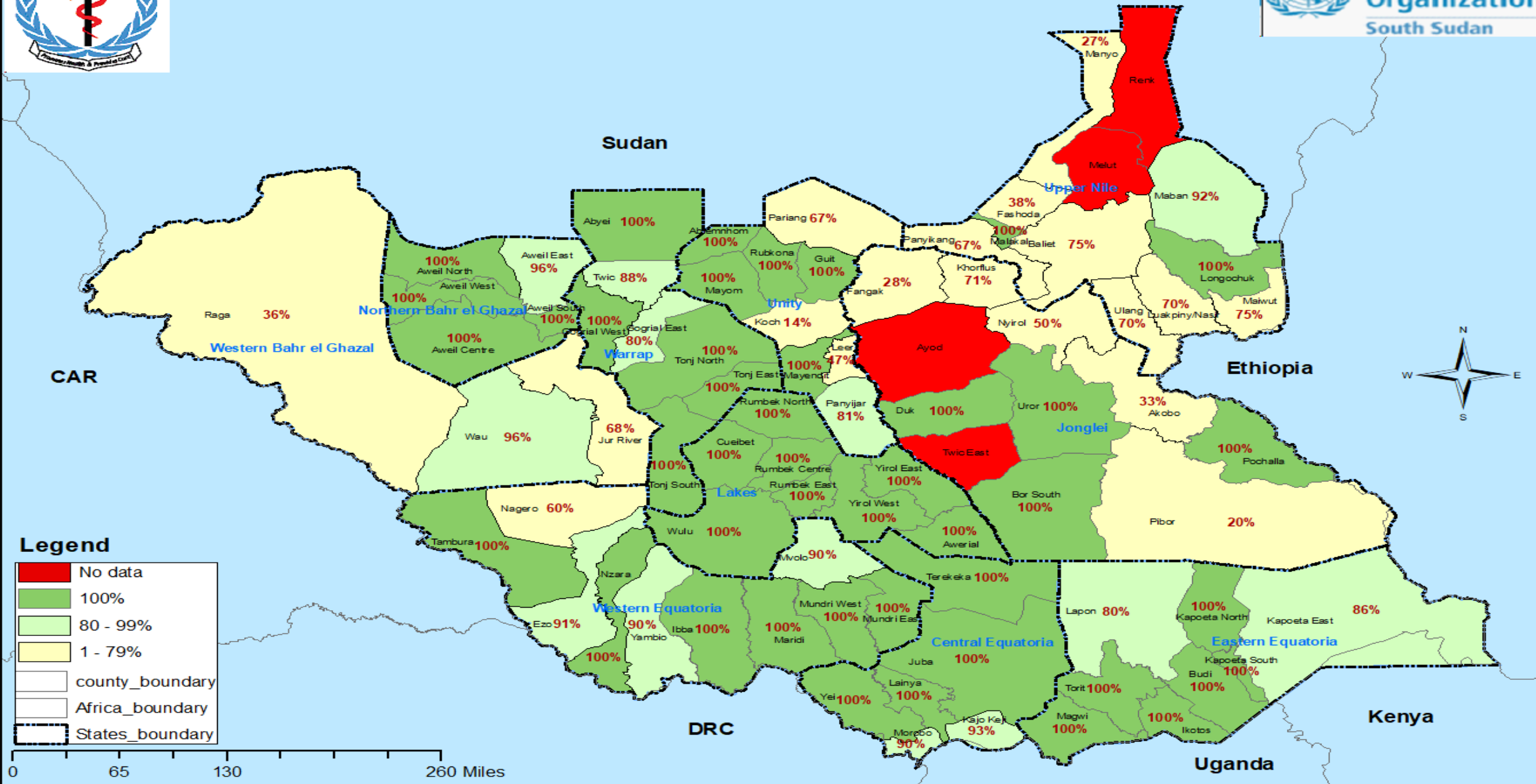
	<60%	Poor
	61%-79%	Fair
	80%-99%	Good
	100%	Excellent

The Completeness of IDSR Reporting (Supported by EWARS Web and Mobile) at health facility level in week 02 stands at 85% while in week 01 it was at 89% and 6 states were above the target of 80% in week 02.

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



Percentage of IDSR reporting completeness by county in week 02, 2023.



Disclaimer: The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.



Surveillance: EWARS Timeliness performance indicator by partner for week 02 and 01 of 2023



Partner	HFs	Reporting	Performance		
PARTER	Number of reporting sites	# of reports received on Time in Week 02	Timeliness of Week 02	# of reports received on Time in Week 01	Timeliness of Week 01
ADA	1	1	100%	1	100%
IRC	1	1	100%	1	100%
SMC	6	6	100%	6	100%
Islamic Relief	5	5	100%	5	100%
HFO	8	8	100%	8	100%
MC	2	2	100%	2	100%
CIDO	1	1	100%	1	100%
Medicair	5	5	100%	3	60%
TRI-SS	2	2	100%	0	0%
World Relief	3	3	100%	0	0%
SSHCO	1	1	100%	0	0%
IMC	22	21	95%	11	50%
IOM	10	9	90%	9	90%
MSF-H	4	3	75%	4	100%
MSF-E	6	4	67%	5	83%
UNIDOR	2	0	0%	1	50%
Medair	2	0	0%	0	0%
TOTAL	81	72	89%	57	70%

The Timeliness of EWARS in partners' supported sites stands at 89% in week 02 and in week 01 it was at 70%.



Surveillance: EWARS completeness performance indicator by partner for week 02 and 01 of 2023



Partner	HF's	Reporting	Performance		
PARTER	Number of reporting sites	# of reports received regardless of Time in Week 02	Completeness of Week 02	# of reports received regardless of Time in Week 01	Completeness of Week 01
ADA	1	1	100%	1	100%
IRC	1	1	100%	1	100%
SMC	6	6	100%	6	100%
Islamic Relief	5	5	100%	5	100%
HFO	8	8	100%	8	100%
MC	2	2	100%	2	100%
CIDO	1	1	100%	1	100%
Medicair	5	5	100%	5	100%
World Relief	3	3	100%	3	100%
MSF-E	6	6	100%	5	83%
IMC	22	22	100%	16	73%
TRI-SS	2	2	100%	0	0%
SSHCO	1	1	100%	0	0%
IOM	10	9	90%	9	90%
MSF-H	4	3	75%	4	100%
UNIDOR	2	0	0%	1	50%
Medair	2	0	0%	0	0%
TOTAL	81	75	93%	67	83%

The Completeness of EWARS in partners' supported sites stands at **93%** in week **02** while in week **01** it was at **83%**.

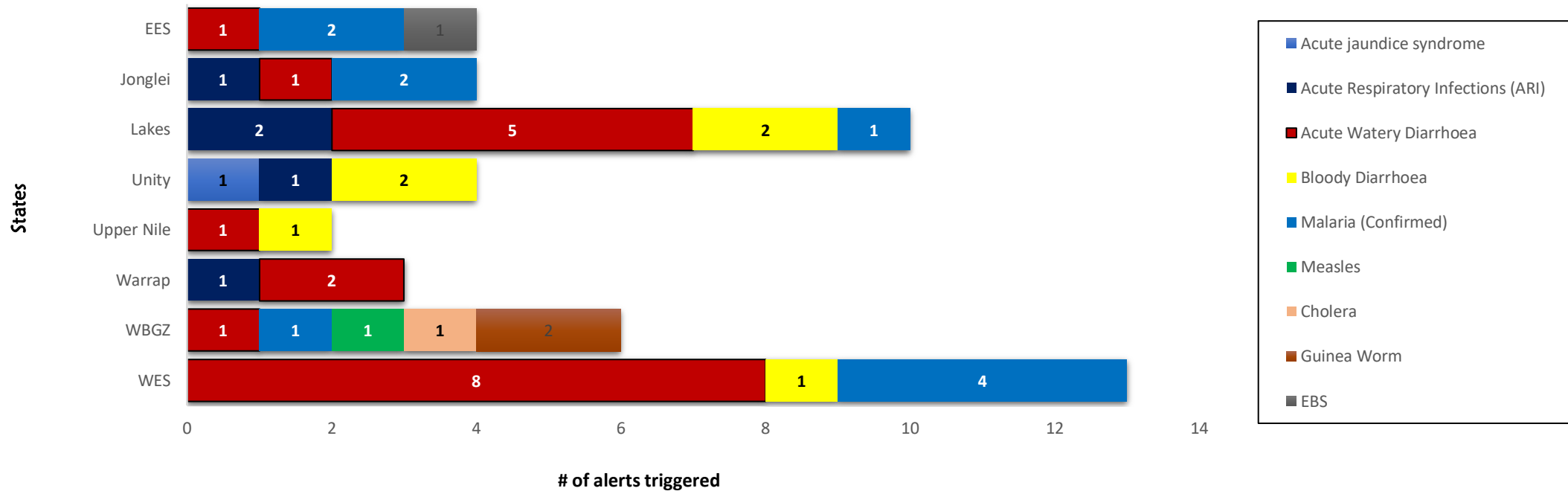
INDICATOR-BASED SURVEILLANCE



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



Alert by disease and States in week 02 of 2023 [a total of events specific alerts generated by state



▪ **This week a total of 49 Alerts were triggered from the EWARS System with some breakdown below:**

- 1 AJS alert: this was from MSF-H Leer PHCC in Leer County of Unity State.
- 1 Measles alert: this alert was triggered from Lokoloko PHCC in Wau County
- 1 EBS alerts: Kapoeta Civil Hospital have reported a child of 12 years old who is a resident of Mogos payam, Lotiyen Village, Kapoeta East County and was brought to Kapoeta Civil Hospital on the 11/1/2023 with signs and symptoms of Measles. The county surveillance Officer led the RRT to investigate the suspected case and sample was collected.
- 2 Guinea Worm alerts: they they were triggered from Maluil PHCU and Atido PHCU in Jur River County.
- 1 Cholera alert: this alert was triggered from Akonbet PHCU in Jur River County

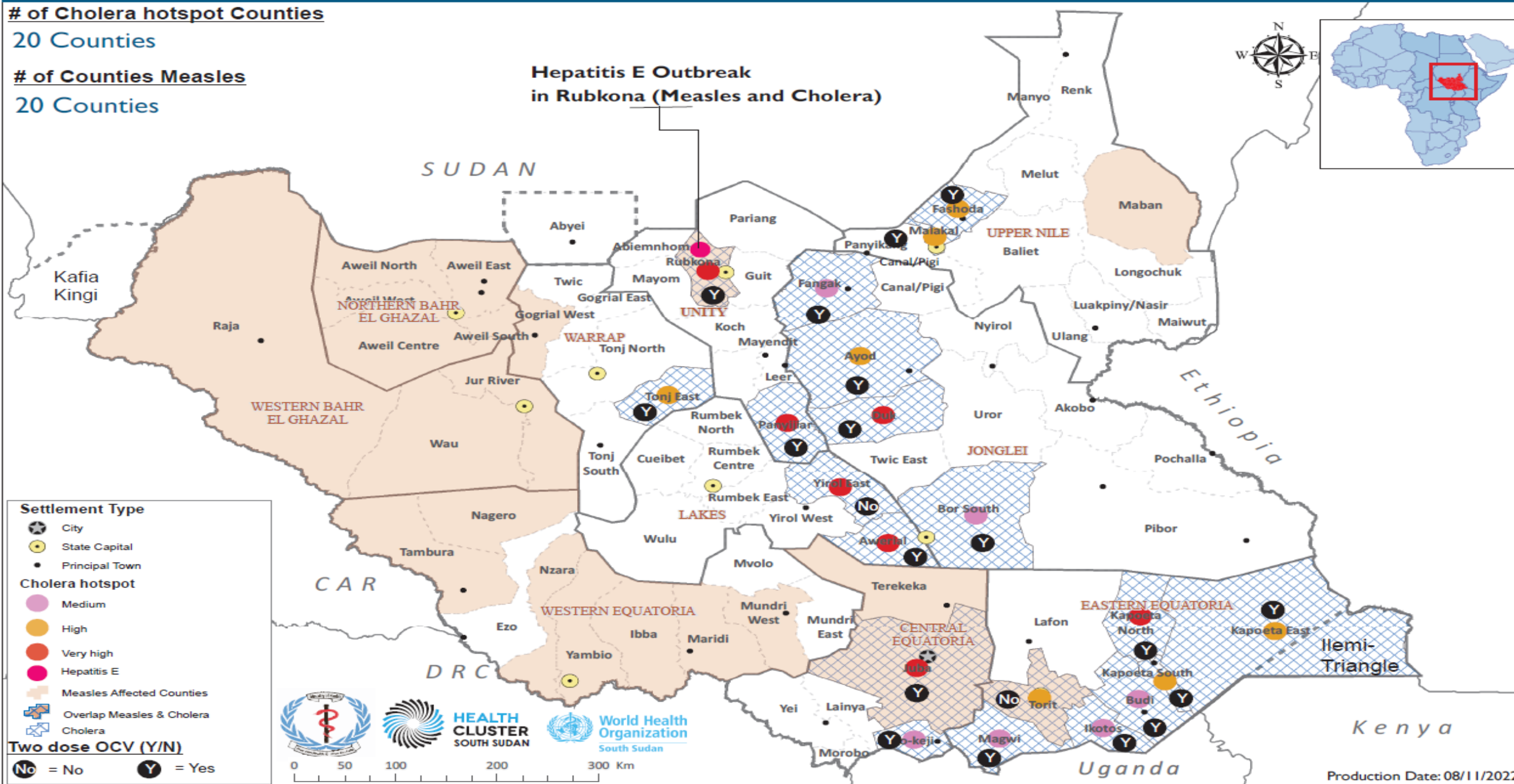
Cholera, Hepatitis E and Measles Hotspot Counties Across South Sudan

of Cholera hotspot Counties

20 Counties

of Counties Measles

20 Counties

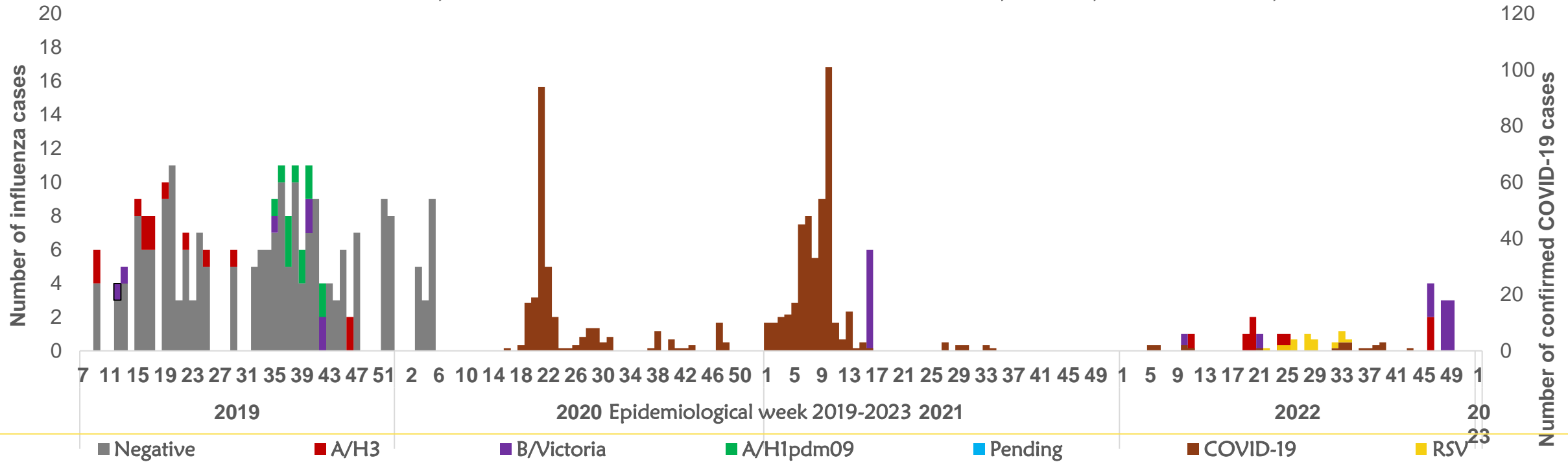


Influenza sentinel Surveillance updates





Confirmed Influenza ,COVID-19 and RSV cases from sentinel sites in Juba, week 7, 2019 to week 1, 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 wk. 52 of 2021, a total of 266 ILI/SARI samples have been collected and tested in NPHL, 257 being negative; 6(2%) positive for Influenza B (Victoria); 3 (1%) positive for Influenza A (H3) and zero(0%) positive for Influenza A (H1)pdm09.
- From week 1-to 51,2022; a total of 592 ILI/SARI samples were collected,527 samples tested negative, and Cumulatively, 21 tested positive for covid-19,8 positive for Influenza B (Victoria), and 6 positives for influenza A(H3). 26 RSV was confirmed in Week 51



ACTIVE OUTBREAKS AND PUBLIC HEALTH EVENTS

Measles Updates

Measles and rubella laboratory results_13 Jan 2023



State	County	Measles IgM		Rubella IgM		Public health actions needed
		Pos	Neg	Pos	Neg	
Unity	Leer	4				<ul style="list-style-type: none"> Outbreak had been confirmed and campaign done Surveillance, line-listing and monitor trends, case management/supportive care; RI Updated LL not shared for several weeks
	Mayendith	1				<ul style="list-style-type: none"> Collect more samples from subsequent cases
Upper Nile	Pariang		3			<ul style="list-style-type: none"> Continue with surveillance and samples from subsequent cases
	Akoka		3			<ul style="list-style-type: none"> Continue with surveillance and samples from subsequent cases
Warrap	Tonj North/Warrap (included those indicated as Warrap under Tonj North)	5				<ul style="list-style-type: none"> Outbreak threshold reached Submit updated LL for analysis and understanding of transmission status Surveillance, line-listing and monitor trends, case management/supportive care; RI
EES	Gogrial West		3			<ul style="list-style-type: none"> Outbreak had been confirmed and campaign done Continue with surveillance
	Tonj South	1				<ul style="list-style-type: none"> Collect more samples from subsequent cases
	Ikotos	1	1			<ul style="list-style-type: none"> Collect more samples from subsequent cases
NBeG	Torit		2			<ul style="list-style-type: none"> Outbreak had been confirmed and campaign done Continue with surveillance
	Magwi		1			<ul style="list-style-type: none"> Collect more samples from subsequent cases
	Aweil (not clear which county)	21	3			<ul style="list-style-type: none"> Outbreak had been confirmed and campaign done Conduct analysis of updated LL to identify locations with active case/transmission for targeted response
Jonglei	Bor South	4				<ul style="list-style-type: none"> Outbreak had been confirmed in 2022; Surveillance, line-listing and monitor trends, case management/supportive care; RI Shared updated LL; Updated LL not shared for several weeks, therefore status of transmission not clear
Lakes	Yirol East	5	7			<ul style="list-style-type: none"> Outbreak had been confirmed; campaign planned Surveillance, line-listing and monitor trends, case management/supportive care; RI No need for more sample collection and testing for now
	Yirol (W or E?)	2	4			<ul style="list-style-type: none"> Outbreak had been confirmed; campaign planned Surveillance, line-listing and monitor trends, case management/supportive care; RI No need for more sample collection and testing for now
Abyei AA	Wulu	1	4			<ul style="list-style-type: none"> Collect more samples from subsequent cases
	Rumbek		1			<ul style="list-style-type: none"> Collect more samples from subsequent cases
	Abyei	1	6	3		<ul style="list-style-type: none"> Collect more samples from subsequent cases Surveillance, line-listing and monitor trends, case management/supportive care; RI
WES	Yambio	1				<ul style="list-style-type: none"> Collect more samples from subsequent cases
	Mundri (West or East?)	6	5	2		<ul style="list-style-type: none"> Outbreak threshold reached Submit updated LL for analysis and understanding of transmission status Surveillance, line-listing and monitor trends, case management/supportive care; RI
Nagero	Ibba		1			<ul style="list-style-type: none"> Continue with surveillance
	Nagero		1			<ul style="list-style-type: none"> Continue with surveillance

Measles Cases in South Sudan, 2022 to Week 01, 2023



County	Number of Cases	Attack rate	Deaths	CFR%	Date Of Onset	Date of response/campaign	Campaign coverage	Outbreak status	Comments
AWEIL EAST	2	0	0	0.00%	01/11/2022	13-26 Aug	0.91		
AWEIL SOUTH	2	0	0	0.00%	02/11/2022	13-26 Aug	0.97	Active	
AWEIL WEST	50	0.03	0	0.00%	01/11/2022	14-22 Jun	94% (49,784)	Active	
BOR SOUTH	6	0	0	0.00%	02/11/2022	Not done		Active	
CUEIBET	12	0.01	2	16.70%	01/11/2022	Not done		Active	
JUBA	116	0.03	1	0.90%	01/11/2022	29 Aug-29 Oct	69-98% (204,756)	Active	Reactive campaigns to be implemented by HLSS
LEER	1	0	0	0.00%	07/11/2022		Pendig data	Active	
MALAKAL	1	0	0	0.00%	01/11/2022		73% (9,533)	Active	
MELUT	33	0.07	0	0.00%	08/11/2022	Not done		Active	
PANYIJAR	10	0.04	0	0.00%	01/11/2022	Confirmation pending		Active	
RAGA	4	0.01	0	0.00%	04/11/2022	2 May-5 Jul	70% (7,370) 77.2% (35,545) in XPoC;	Active	pending data from outside
RUBKONA	30	0.03	0	0.00%	01/11/2022	22-29 Nov		Active	
TEREKEKA	1	0	0	0.00%	21/11/2022	2-9 NoV	106% (28,876)	Active	
TORIT	2	0	0	0.00%	04/11/2022	9-31 Mar	95% (24,534)	Active	
WAU	20	0.01	0	0.00%	01/11/2022	Not done		Active	
YIROL WEST	14	0.01	0	0.00%	06/11/2022	2	Not done	Active	
Tonj North	6	0.0	0	0	5/12/2022	Not done		Active	
Total	310	0.01	3	1.0%					

Main highlights

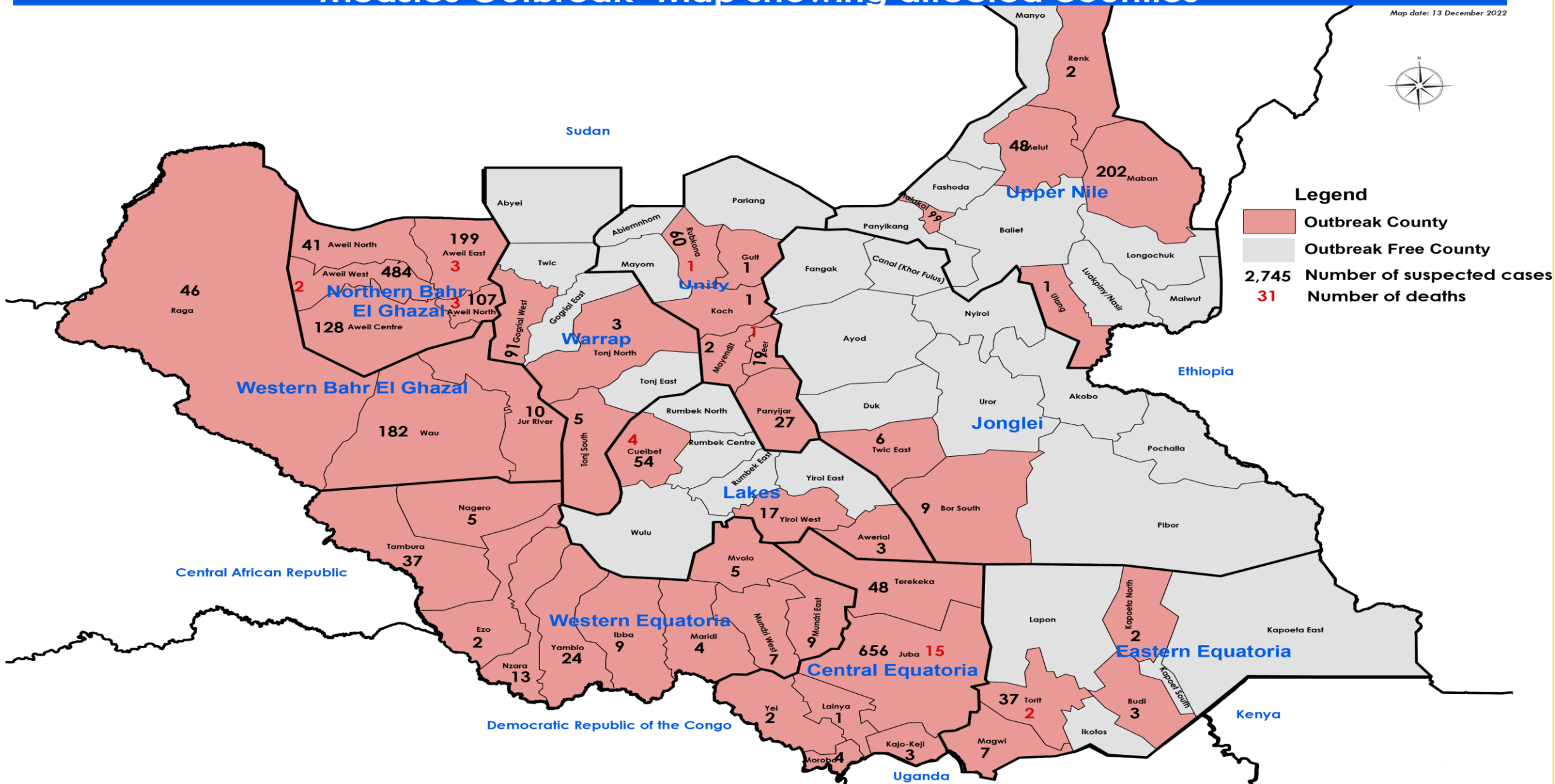
- Measles outbreaks were confirmed in 25 counties in 10 states since January 2022 to January 2023 with a cumulative of 3581 including 41 deaths. Case fatality rate is 41/3581 (1.14%)
- Recent outbreak confirmed Tonj North County after confirming 5 samples positive for measles IgM results in week 01, 2023
- The Ministry of Health 11 declared a measles outbreak in 22 counties, and measles response will be coordinated under the national steering committee within the PHEOC
- Targeted reactive response will be done for counties with confirmed measles before the nationwide follow-up campaign
- 17 counties are still reporting cases since confirmation as indicated in the table

Public Health Response

- Reactive measles campaign conducted in 16 counties by state Ministry of Health and implementing partners
- A total of 773,287 children aged 6 months to 14 years have been vaccinated in (16) counties during the reactive campaigns
- Melut Reactive campaign done 16-24 Dec with 17, 519 under 5 children vaccinated
- Reactive Vaccination started on January 13, 2023, and is expected to vaccinate children 5 years and below in three counties of Cuibet, Yirol East, and West
- Two-year Measles response plan has been developed and tested by tabletop exercise on 14th December 2022
- Nationwide measles follow-up campaign planned to take place in April 2023

Republic of South Sudan

Measles Outbreak - Map showing affected counties



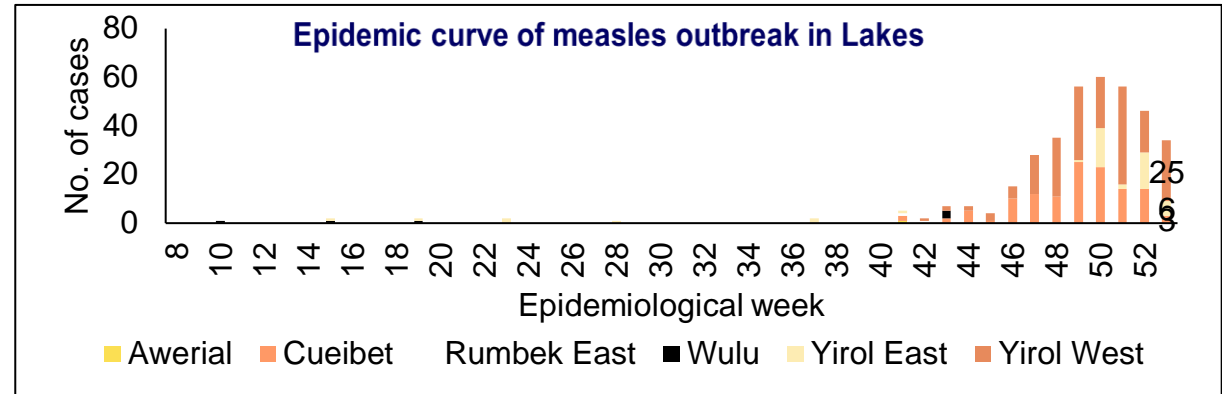
The map reflects the currently available data and is subject to change according to further updates to the data.
 Data source: South Sudan Ministry of Health, World Health Organization (WHO), OpenStreetMap
 Map production: WHO Health Emergencies Programme

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Measles outbreak in Lakes

- Outbreak confirmed in three counties-Cueibet, Yirol West and Yirol East
- 66 new cases reported from the three counties between week 52 and week 1 of 2023
- Cases were reported week 40 and peaks in week 50, 2022
- Cumulative cases-365 cases
 - 12 deaths (CFR, 3.3%)
- Children <5 years of age account for 77.5% (283 cases) of all cases
- 96% of the cases have not been vaccinated against measles
- Active transmission in Yirol West, Yirol East and Cueibet
- WHO/NMoH/SMoH and partners planning reactive campaign in the three counties

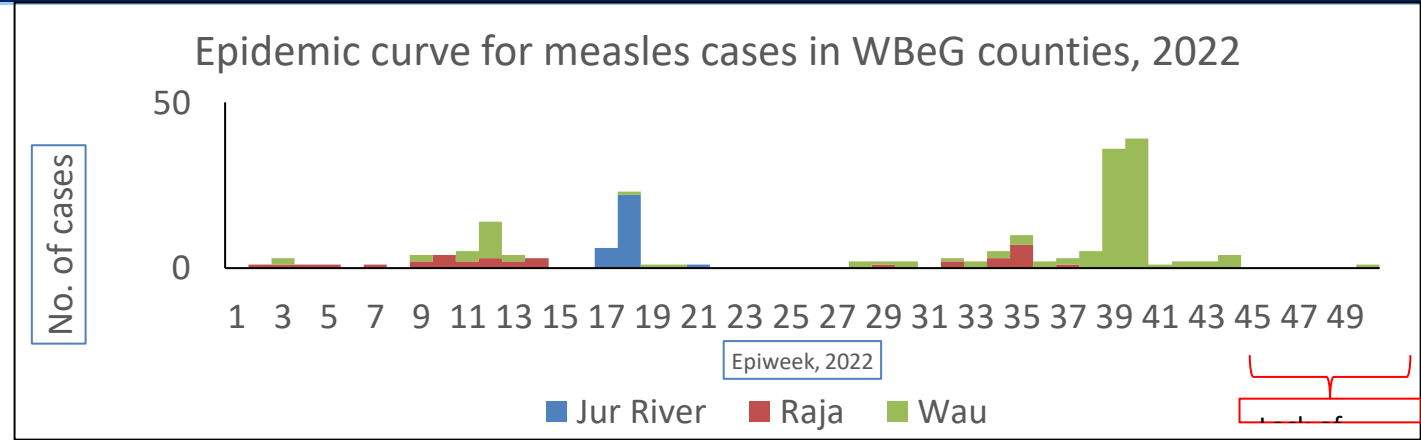


Onset of outbreak		County	Cases	Death	CFR %
Dates	Week				
16-Oct-22	42	Cueibet	122	8	6.6
23-Oct-22	43	Rumbek East	2	0	0.0
24-Oct-22	43	Wulu	6	0	0.0
25-Oct-22	43	Yirol West	186	4	2.2
05-Dec-22	49	Yirol East	48	0	0.0
Total			365	12	3.3

Age group	Male	Female	Total	Percentage (%)
0 - 11 months	30	28	58	15.9
1 - 4 yrs	138	87	225	61.6
5 - 9 yrs	20	22	42	11.5
10 - 14 yrs	9	3	12	3.3
15+ Yrs	13	15	28	7.7
Total	210	155	365	100.0

Measles outbreak in WBeG State

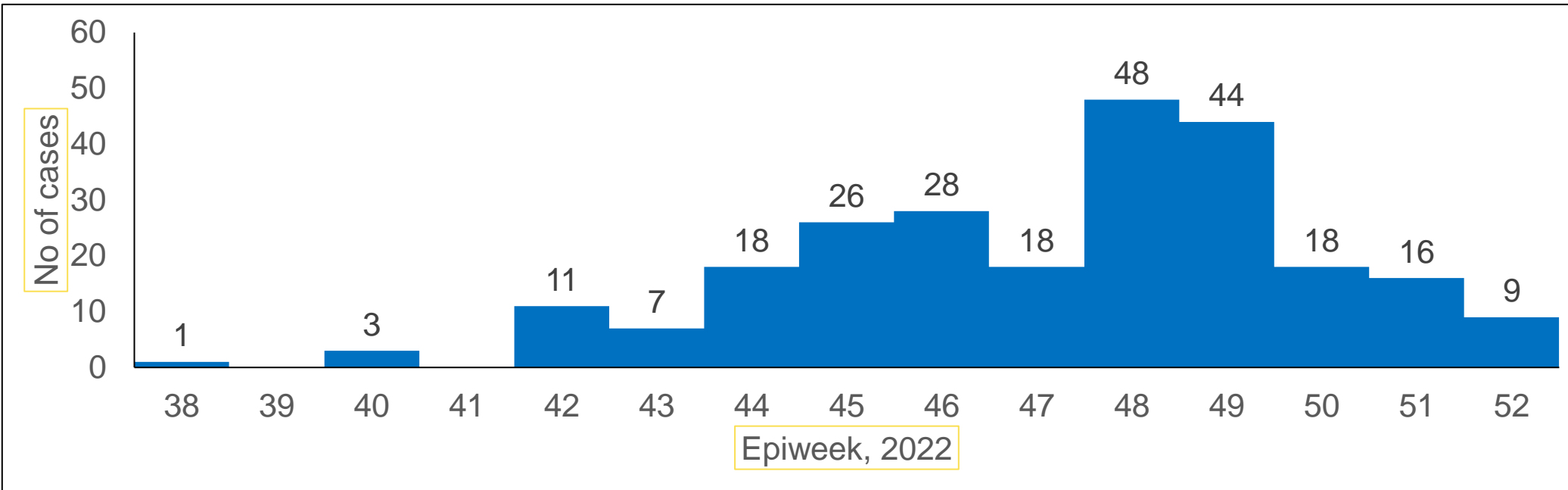
- Summary
 - 230 cases, 0 deaths reported from Jur River, Wau and Raja in 2022
 - 138 (60%) cases from Wau; 56 cases from Jur River; 36 cases from Raja
 - Majority (88.7%) of cases are children > 5 years
 - 87.8% (202 cases) cases have no history of measles vaccination
- Transmission appears to slow down; only 1 cases reported between week 45-50
 - Need to understand whether this is due to lack of reporting



Age Groups	Jur River	Raja	Wau	Total	Prop, %
0-11 Months	1	13	137	151	65.7
1-4 yrs	34	18	1	53	23.0
5-9 yrs	20	2		22	9.6
10-14 yrs	1	2		3	1.3
15&>		1		1	0.4
Total	56	36	138	230	100.0



Epidemic curve of measles cases in Rubkona/Bentiu IDP Camp, 2022



- Active transmission in Rubkona/Bentiu IDP Camp
 - Need for continued surveillance, line listing, case management and intensification of RI
- No updated LL received for Leer, Panyijjar
- Suspected cases were reported from Yida and samples sent to Juba



Other locations with suspected measles

- Suspected reported and investigated in several locations:
 - Abyei
 - Mvolo, Ezo in WES
 - Mingkaman/Awerial in Lakes
 - Fangak in Jonglei
- Action needed:
 - Deployment of RRTs for investigation and sample collection (if not done)
 - Laboratory testing and confirmation
 - Line-listing of cases and sharing of updated LL using standard template
 - Commence case management + Vit A supplementation
 - RI intensifications



Anthrax updates



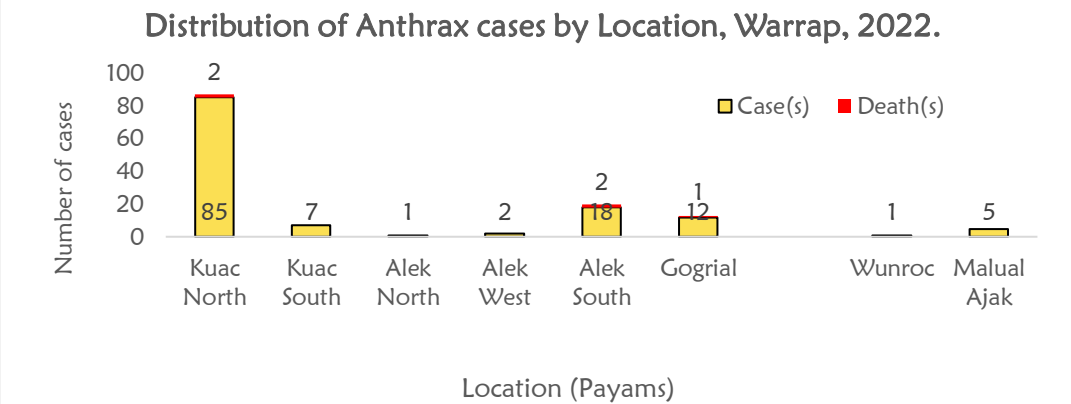
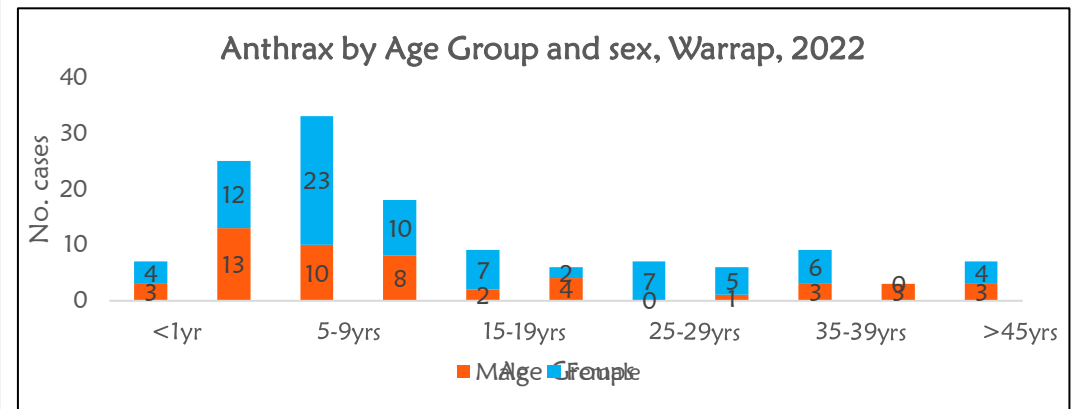
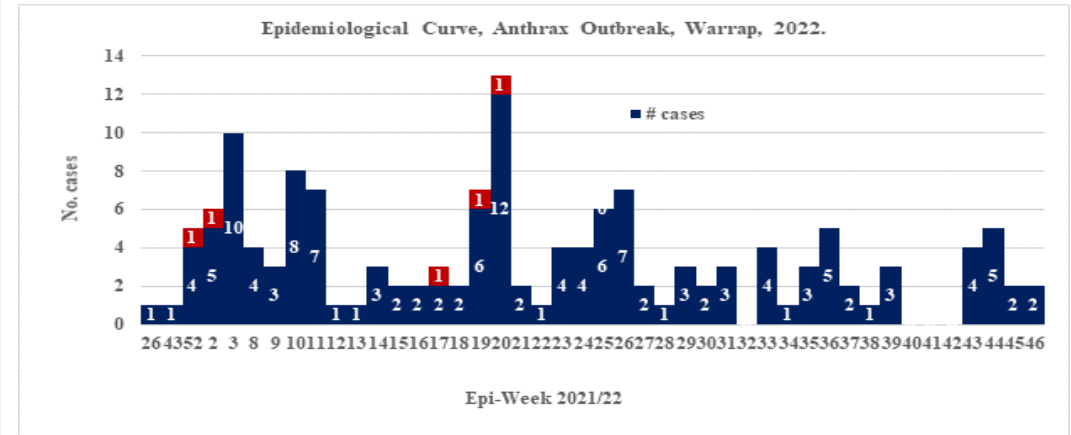
Confirmed Anthrax Cases in Gogrial West, Warrap State as of week 51



- Suspected anthrax cases were detected at the Kuajok hospital, and a retrospective review of the facility registers revealed over cases in the past two months.
- On 18th May 2022, a national team composed of MOH, MOAF, WHO, ICAP, and FAO visited the state to conduct an in-depth epidemiological investigation and response. The team visited Kuajok hospital, Gogrial PHCC, and Alak PHCC to review register books. The team also visited 24 villages where Anthrax suspected cases come from
- Three new cases were reported in week 43, 2022 bringing the total number of cases line-listed to **148 cases and 5 deaths**, case fatality rate (CFR **3.3%**).
- - The age group most affected remains the 5-9year old's with female predominance (59%) and residents in Kuac North Payam, Gogrial West County.
 - Case Management indicates a Cure Rate (80.9%), Disability Rate (0.74%), and a CFR (3.82%) during the outbreak
- All cases are from one County of Gogrial West. **62.9%** of the cases are from Kuac North Payam. **62%** of the cases are among females and **38 %** among Males.
- Out of the 18 samples collected, 8 tested positive by PCR for bacillus anthracis.
- A total of 10 animal samples were collected by the animal health experts and 3 soil samples for further analysis.

Ongoing response

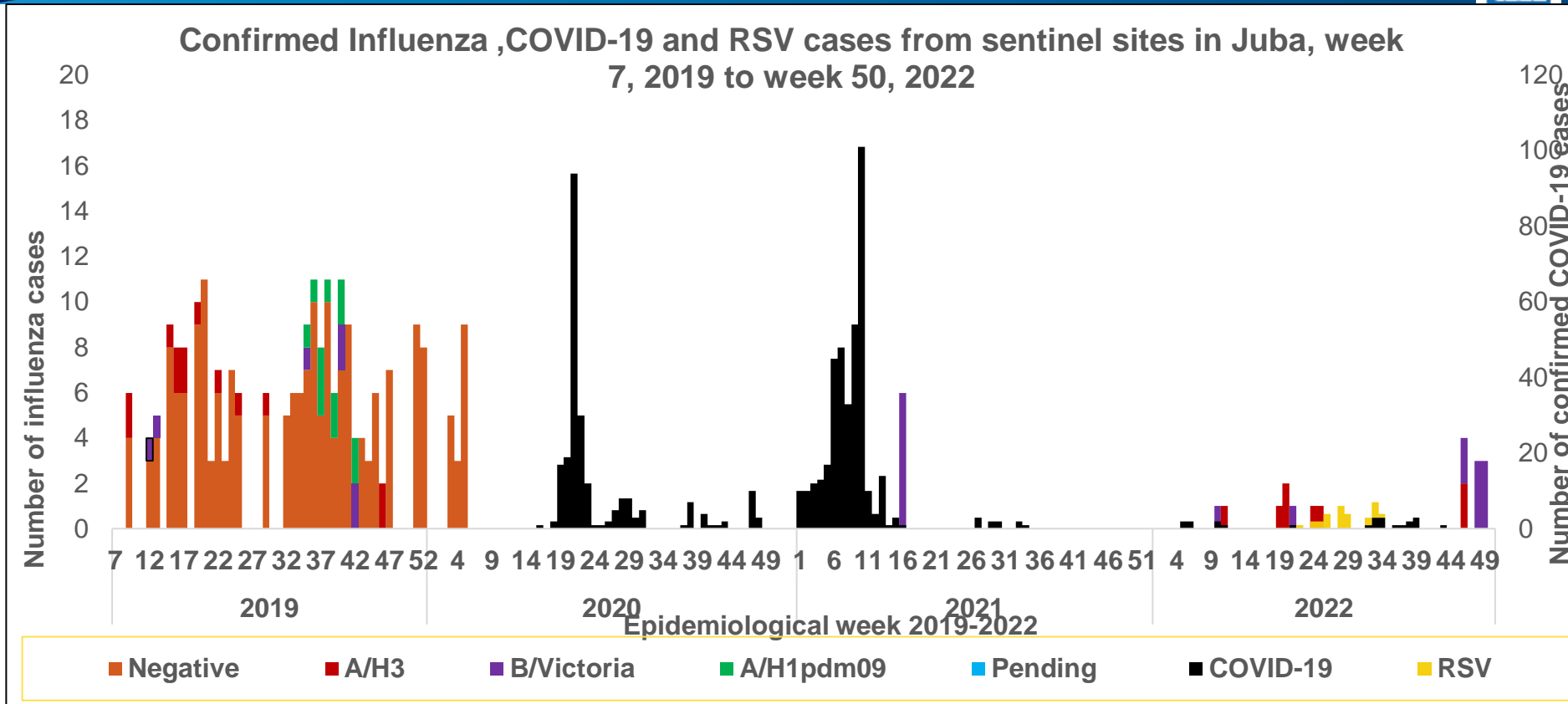
- Partial vaccination campaign in the three (3) counties of Gogrial East and West in addition to Tonj North where 180,000 ruminants were targeted (2nd – 18th August 2022) ; coverage was at a low 42% and more remains to be done given a balance of Anthrax vaccines.
- Active case search and line listing of cases in the affected county and the surrounding and Case management is underway at Kuajok hospital.
- Risk communications and community engagements activities are ongoing through local radios to reduce the risk of exposure
- Ongoing multisectoral coordination meetings at state and national levels.



EVENT-BASED SURVEILLANCE



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



- 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 wk. 52 of 2021, a total of 266 ILI/SARI samples have been collected and tested in NPHL, 257 being negative; 6(2%) positive for Influenza B (Victoria); 3 (1%) positive for Influenza A (H3) and zero(0%) positive for Influenza A (H1)pdm09.
- From **week 1-to 50,2022**; a total of 586 ILI/SARI samples were collected,521 samples tested negative, and **Cumulatively, 21 tested positive for covid-19,8 positive for Influenza B (Victoria), and 6 positives for influenza A(H3). 26 RSV was confirmed in Week 50**



Anthrax updates



Confirmed Anthrax Cases in Gogrial West, Warrap State as of week 47



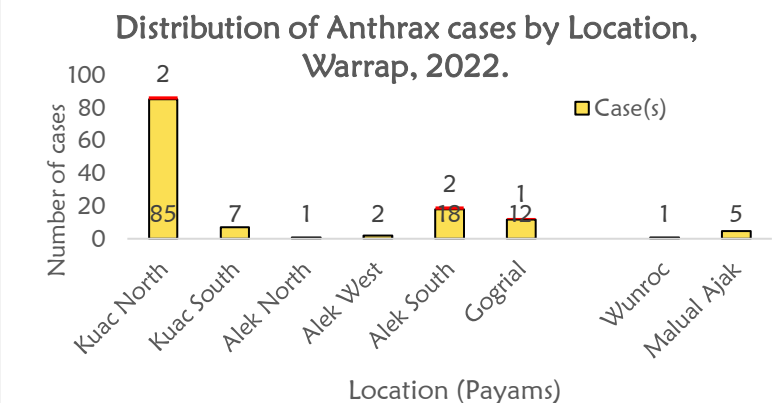
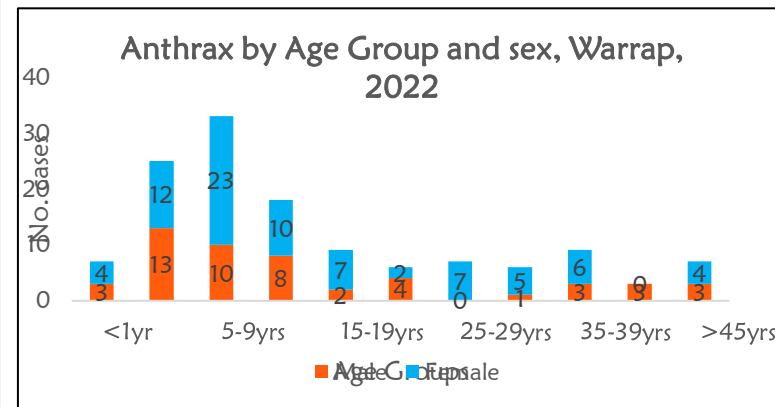
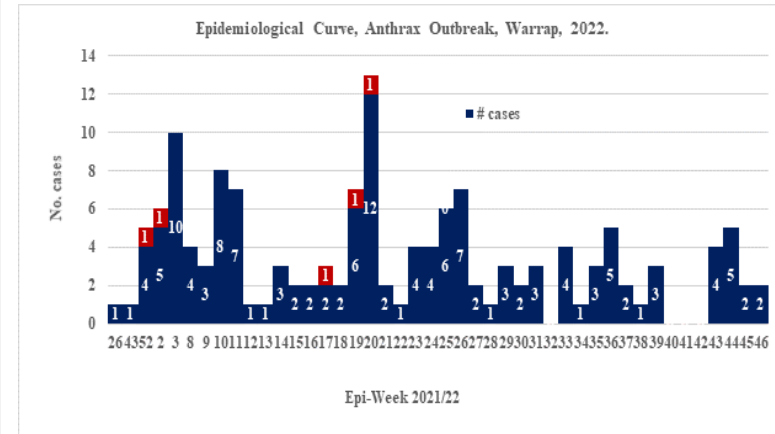
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- Three new cases were reported in week 43, 2022 bringing the total number of cases line-listed to **141 cases and 5 deaths**, case fatality rate (CFR **3.2%**).
- The age group most affected remains the 5-9-year old's with female predominance (59%) and residents in Kuac North Payam, Gogrial West County.
- Case Management indicates a Cure Rate (80.9%), Disability Rate (0.74%), and a CFR (3.82%) during the outbreak
- All cases are from one County of Gogrial West. **62.9%** of the cases are from Kuac North Payam. **62%** of the cases are among females and **38 %** among Males.
- Out of the 18 samples collected, 8 tested positive by PCR for bacillus anthracis.
- A total of 10 animal samples were collected by the animal health experts and 3 soil samples for further analysis.

Ongoing response

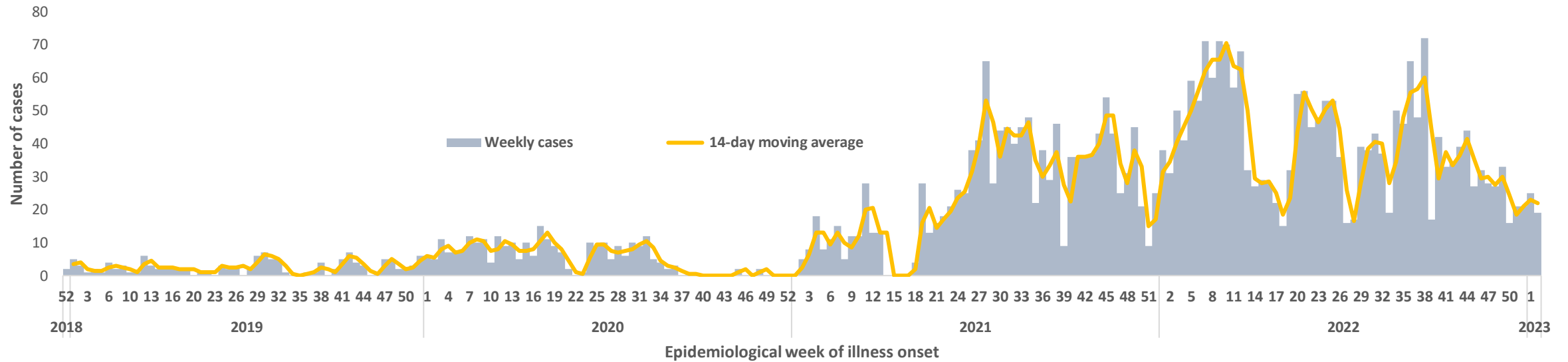
- Partial vaccination campaign in the three (3) counties of Gogrial East and West in addition to Tonj North where 180,000 ruminants were targeted (2nd – 18th August 2022) ; coverage was at a low 42% and more remains to be done given a balance of Anthrax vaccines.
- Active case search and line listing of cases in the affected county and the surrounding and Case management is underway at Kuajok hospital.
- Risk communications and community engagements activities are ongoing through local radios to reduce the risk of exposure



sectoral coordination meetings at state and national levels.



Hepatitis E Virus [HEV] cases in Bentiu IDP camp, wk 52, 2018 to wk 02, 2023



Descriptive epidemiology

- The persistent transmission of HEV in the Bentiu IDP camp continues with 3,841 cases since the beginning of 2019
- **19 new cases** and zero deaths reported in week 2, 2023. Total of 3,841 cumulative cases have been reported since the onset of the outbreak in 2018 including 27 deaths.
- **HEV transmission has reduced from a peak of 60 cases every fortnight by week 8, 2021 to 19 cases every fortnight by week 02, 2023**
- All the cases have been managed as outpatient cases except for seven cases that were admitted in 2020
- No death was reported in 2022
- 51% are female and 49% are male. Within the IDP camp, the sector-specific attack rates for HEV disease for the period week 1, 2022 are highest in sectors 3 and 5.



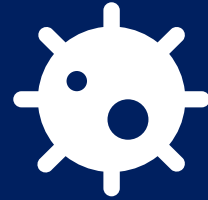
HEV response update

1. Multisectoral joint cholera and HEV response coordination at the state level; 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 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

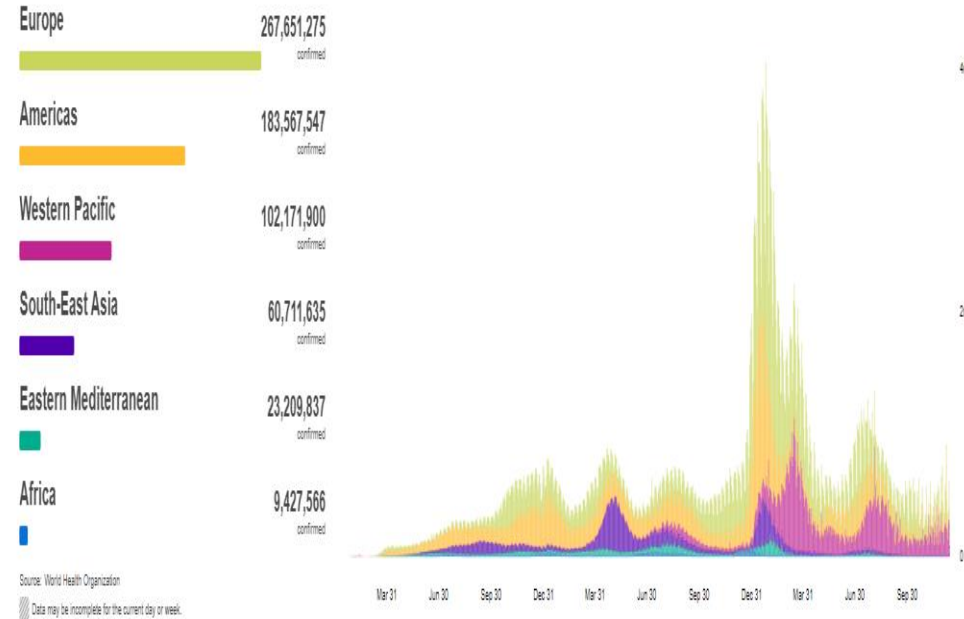
1. Lack of long-term investment to improve the WASH situation in the camp
2. Lack of meaningful behavioral changes among the population
3. Frequent population movements between the IDP and host communities; the host community was not vaccinated
4. Floods have worsened the WASH situation in the camp

COVID-19 UPDATES



Situation update as of 13, January 2023

- **Globally**, as of 5:17pm CET, 20 January 2023, there have been **663,640,386** confirmed cases of COVID-19, including **6,713,093** deaths, reported to WHO. As of 16 January 2023, a total of **13,131,550,798** vaccine doses have been administered globally.
- **In Africa**, as of **20 January 2023** there have been **9,466,921** confirmed cases of COVID-19, including **175,177** deaths reported to the WHO
- **In South Sudan**, from 3 January 2020 to 5:17pm CET, 20 January 2023, there have been 18,368 confirmed cases of COVID-19 with 138 deaths, reported to WHO.
- To date, **2,244,275** adults are fully vaccinated (16.42% of total population, 36.47% of target population)
- **86,393** people vaccinated in **8** counties during the first of the COVAX campaign, reaching 76% of the coverage target
- **Second round of the COVAX campaign** is planned during the last week of January 2023 to cover the remaining 72 counties



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



**OVERALL
CONCLUSIONS AND
RECOMMENDATIONS**

Conclusions



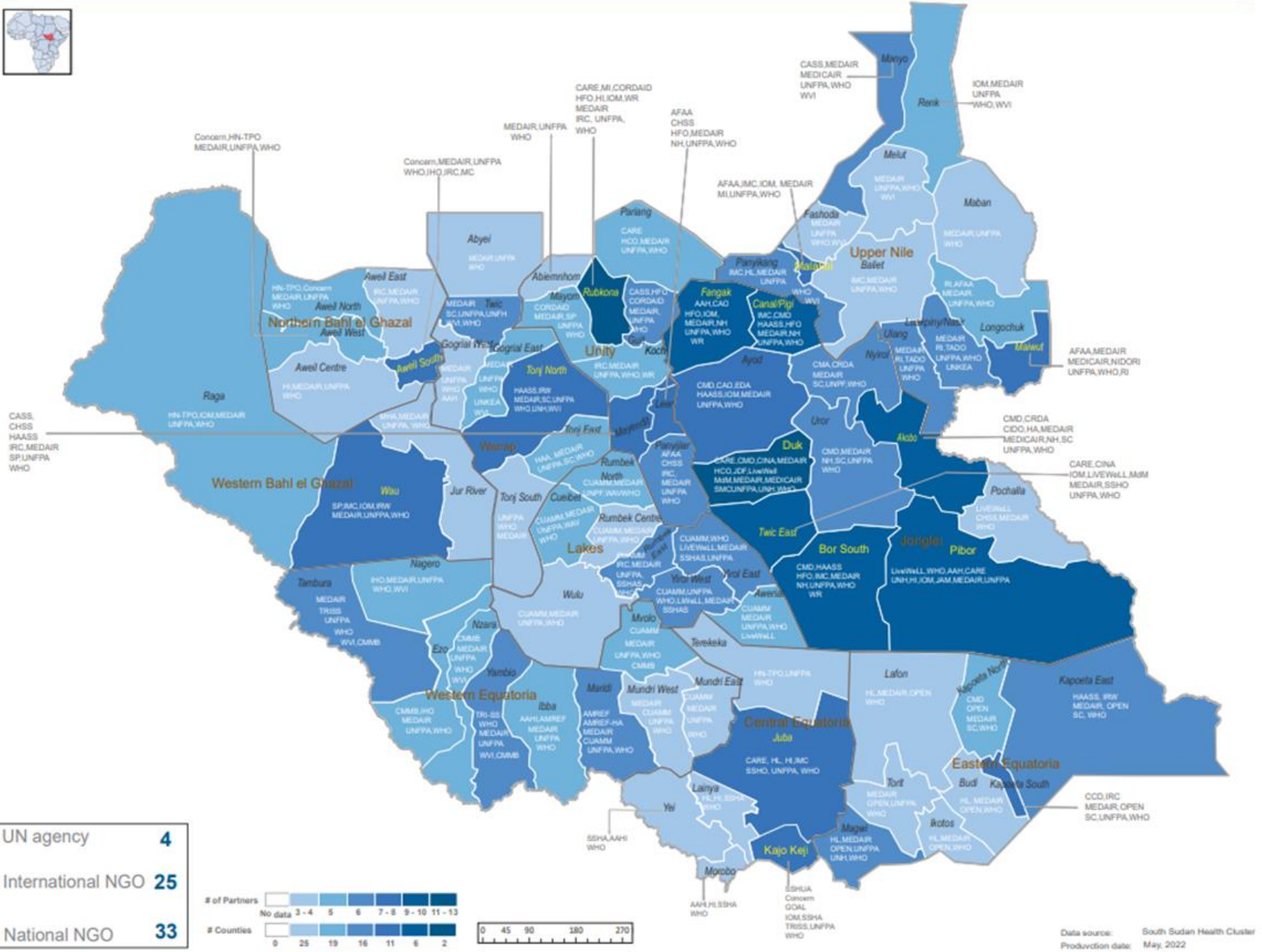
- In week **02, 2023**, the IDSR reporting timeliness and completeness low at **74%** and higher at **89% and 93% respectively**
- Of the 49 alerts reported in **week 02, 2023**; the majority were for, **Malaria (10), AWD (19), and Guinea worm (2)**
- Measles outbreaks confirmed in more than 41 counties since the beginning of the year 2022. A total of **3,581** cases and **41 deaths** giving a CFR of 1.14% reported from all states as of **week 02, 2023**.
- Reactive vaccination campaign for measles is commenced in three counties (Cuibet, Yirol East and West) of Lakes state
- Measles outbreak was declared in Tonj North by health authorities in Warrap state as 5 out of the six samples tested positive for measles IgM
- The persistent transmission of HEV in the Bentiu IDP camp continues with **3,841 cases** since the beginning of 2019

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
- Conduct reactive measles vaccination campaign in counties with confirmed outbreaks and advocate for enhanced routine immunization through PIRI
- Continue with preparedness activities to strengthen surveillance at all levels including conducting after-action reviews and simulation exercises.
- Support the multicluster HEV response strategy in the Bentiu IDP camp

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-2022>