



South Sudan Ministry of Health

Integrated Disease surveillance
and response (IDSR)



World Health
Organization
South Sudan

Epidemiological Bulletin Week 1, 2023 (January 2- January 8)



- In week **01, 2023**, the IDSR reporting timeliness and completeness were **76%** and at **86%** respectively and timeliness and completeness for EWARN sites were at **70% and 77% respectively**
- Of 80 alerts were reported in **week 01, 2023**; the majority were for **measles (27), Malaria (21), AWD (16), and Guinea worm (5)**
- Measles outbreaks confirmed in more than 23 counties since the beginning of the year 2022. A total of **2974** cases including **378** lab-confirmed and **31 deaths** gave a CFR of 1.04% reported from all states as of **week 01, 2023**.
- Reactive vaccination campaign for measles is planned for in three counties of Lakes state
- Uganda declared the end of the Sudan Ebola virus outbreak in Mubende district and all affected districts on 11 January 2023
- Cases of human anthrax are still being reported in Gogrial west as of week 52, 2022

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 01 & 52 of 2



Timeliness States Ranking	States	Number of reporting sites	No. of HFs Reported on Time in WK 01	Timeliness Percentage of WK 01	No. of HFs Reported on Time in WK 52	Timeliness Percentage of WK 52
1st	Lakes	113	113	100%	113	100%
2nd	CES	131	119	91%	72	55%
3rd	WES	218	192	88%	214	98%
4th	Warrap	124	107	86%	107	86%
5th	NBGZ	86	71	83%	66	77%
6th	Unity	93	66	71%	75	81%
7th	EES	105	73	70%	78	74%
8th	WBGZ	78	48	62%	67	86%
9th	Jonglei	131	64	49%	71	54%
10th	Upper Nile	99	46	46%	54	55%
	South Sudan	1178	899	76%	917	78%

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 01 stands at 76% while in week 52 it was 78% and 5 states were above the target of 80% in week 01.

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



IDSR Completeness performance at State level for week 01 & 52 of 2022



Completeness States Ranking	States	Number of reporting sites	No. of HF's Reported regardless of time in WK 01	Completeness Percentage of WK 01	No. of HF's Reported regardless of time in WK 52	Completeness Percentage of WK 52
1st	Lakes	113	113	100%	113	100%
2nd	WES	218	218	100%	214	98%
3rd	NBGZ	86	82	95%	82	95%
4th	EES	105	99	94%	83	79%
5th	Warrap	124	115	93%	108	87%
6th	CES	131	120	92%	72	55%
7th	WBGZ	78	69	88%	69	88%
8th	Unity	93	79	85%	75	81%
9th	Upper Nile	99	54	55%	64	65%
10th	Jonglei	131	64	49%	74	56%
	South Sudan	1178	1013	86%	954	81%

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 01** stands at **86%** while in **week 52 it was at 81%** and 8 states were above the target of **80% in week 01**.

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



Partner	HFs	Reporting	Performance		
PARTER	Number of reporting sites	# of reports received on Time in Week 01	Timeliness of Week 01	# of reports received on Time in Week 52	Timeliness of Week 52
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%
MSF-H	4	4	100%	3	75%
MC	2	2	100%	0	0%
CIDO	1	1	100%	0	0%
IOM	10	9	90%	10	100%
MSF-E	6	5	83%	4	67%
Medicair	4	3	75%	3	75%
IMC	22	11	50%	21	95%
UNIDOR	2	1	50%	1	50%
TRI-SS	2	0	0%	2	100%
World Relief	3	0	0%	3	100%
SSHCO	1	0	0%	0	0%
Medair	2	0	0%	0	0%
UNH	2	0	0%	0	0%
TOTAL	82	57	70%	68	83%

The Timeliness of EWARS in partners' supported sites stands at 70% in week 01 and in week 52 it was at 83%.



Surveillance: EWARS completeness performance indicator by partner for week 01 and 52 of 2022



Partner	HFs	Reporting	Performance		
PARTER	Number of reporting sites	# of reports received regardless of Time in Week 01	Completeness of Week 01	# of reports received regardless of Time in Week 52	Completeness of Week 52
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%
Medicair	3	3	100%	3	100%
World Relief	3	3	100%	3	100%
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MC	2	2	100%	0	0%
CIDO	1	1	100%	0	0%
IOM	10	9	90%	10	100%
MSF-E	6	5	83%	4	67%
IMC	22	13	59%	21	95%
UNIDOR	2	1	50%	1	50%
TRI-SS	2	0	0%	2	100%
SSHCO	1	0	0%	0	0%
Medair	2	0	0%	0	0%
UNH	2	0	0%	0	0%
TOTAL	81	62	77%	68	84%

The Completeness of EWARS in partners' supported sites stands at **77%** in week **01** while in week **52** it was at **84%** .

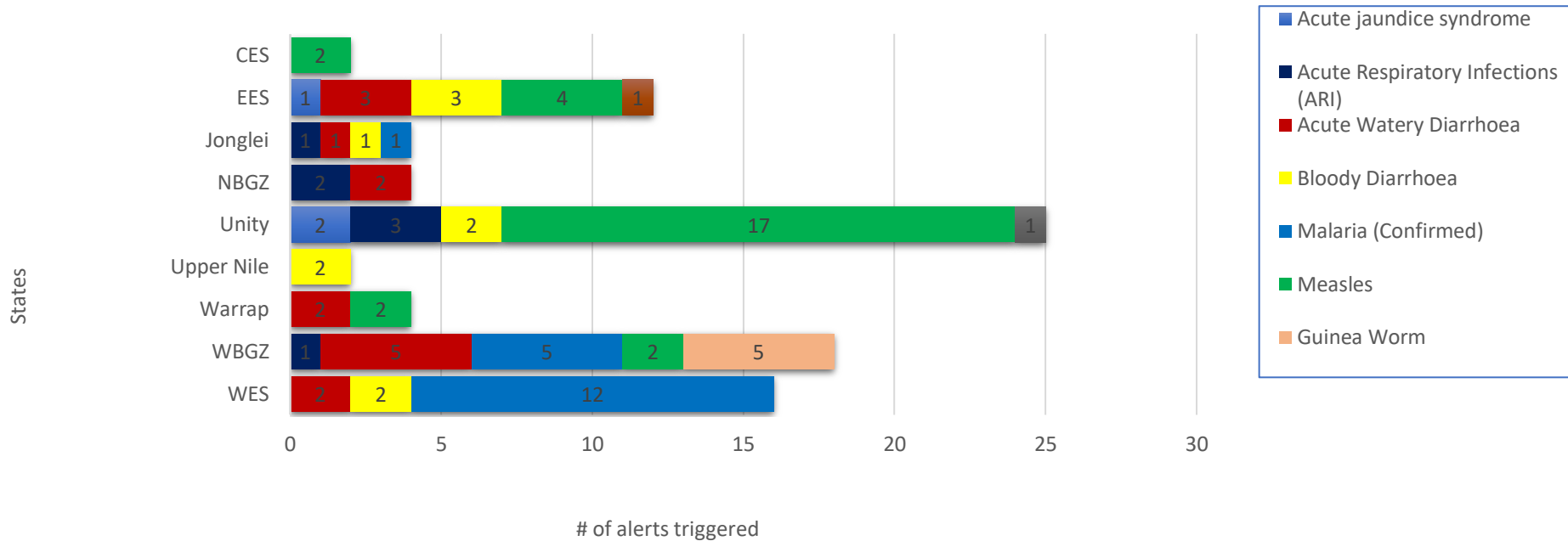
INDICATOR-BASED SURVEILLANCE



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



Alert by disease and States in week 01 of 2023 [a total of events specific alerts generated by state



This week a total of 80 Alerts were triggered from the EWARS System with some breakdown below:

- **3 AJS alert:** these were from Nimule Hospital in Magwi County, MSF-H Leer PHCC in Leer County, MSF-H Bentiu IDP Hospital in Rubkona County of Unity State.
- **27 Measles alert:** these were triggered from IMC UN House Clinic 1 (2) in Juba County, Ameer PHCU(2) in Magwi County, NPA Chukudum Hospital in Budi County, Pachar PHCU(2), Morgok PHCU(2), Chuk PHCU(2), Pachak PHCU(2), Ganyliel PHCC(2) in Panyijari County, MSF-H Bentiu IDP Hospital(3) in Rubkona County, Pamirr PHCC(2) in Pariang County, Kuajok Hospital(2) in Gogrial West, Malual-Aleu PHCU(2), Abyei PHCC in Abyei County, Raja Hospital.
- **1 EBS alerts:** this is an alert of a Suspected Measles case from Kapoeta Civil Hospital
- **5 Guinea Worm alerts:** they were triggered from Akonbet PHCU(2), Maluil PHCU, Atido PHCU, Gette PHCU in Jur River County.

ACTIVE OUTBREAKS AND PUBLIC HEALTH EVENTS

Sudan Ebola Virus Update

Declaration of End of Sudan Ebola Virus in Uganda, 11 January 2023.

- On January 11th, 2023, marks 114 days since the start of the Ebola outbreak in Uganda, which was declared on the morning of 20th September 2022.
- The outbreak started in the Madudu sub county, Mubende District and at the time of confirmation, several people had been infected and others with symptoms consistent with Ebola had died.
- This outbreak marked the 7th Ebola outbreak in the country, and the 5th attributed to the Sudan Ebola virus, which was last reported in 2012, more than a decade ago in the then-Kibaale district, but present-day Kakumiro.
- A total of 143 confirmed cases of Ebola, with 22 probable cases, 55 deaths (CFR=39%), and 87 recoveries have been registered in this outbreak. Of the 143 confirmed cases, 85 (59%) were males while 58 (41%) were females. By age, 26 (18%) were children while 117 (82%) were adults.
- The most affected district was Mubende, which is also the initial epicenter district of this outbreak, with 64 confirmed cases, and 29 deaths, followed by Kassanda district with 49 confirmed cases and 21 deaths. Other districts affected include Kampala City, Kyegegwa, Wakiso, Jinja, Kagadi, Masaka, and Bunyangabu
- The main drivers of transmission were household infection and amplification in some private health facilities. Except for one super spreader event in Kassanda district - post burial, burials or burial practices were not a major driver of transmission.
- Three portals of transmission were observed in this outbreak that include: contact transmission, sexual, and transplacental transmission.



Declaration of End of Sudan Ebola Virus in Uganda, 11 January 2023.

Moving forward in Uganda

- The Ministry of Health in Uganda will continue to monitor the Ebola survivors and support them to re-integrate into the community.
- The Ministry of Health urge the population to remain vigilant and implement the standard operating procedures and report any person in the community that present with Ebola-like symptoms (e.g., sudden onset of fever, headache, weakness, joint pains, vomiting, bloody diarrhoea or urine, bleeding from body openings) to the nearest health facility or call the Ministry of Health Toll Free Numbers

Source: Ministry of Health Uganda End of SVD outbreak declaration in Uganda 11th Jan.2023



ACTIVE OUTBREAKS AND PUBLIC HEALTH EVENTS

Brief epidemiological description and public health response for active outbreaks and public health events`

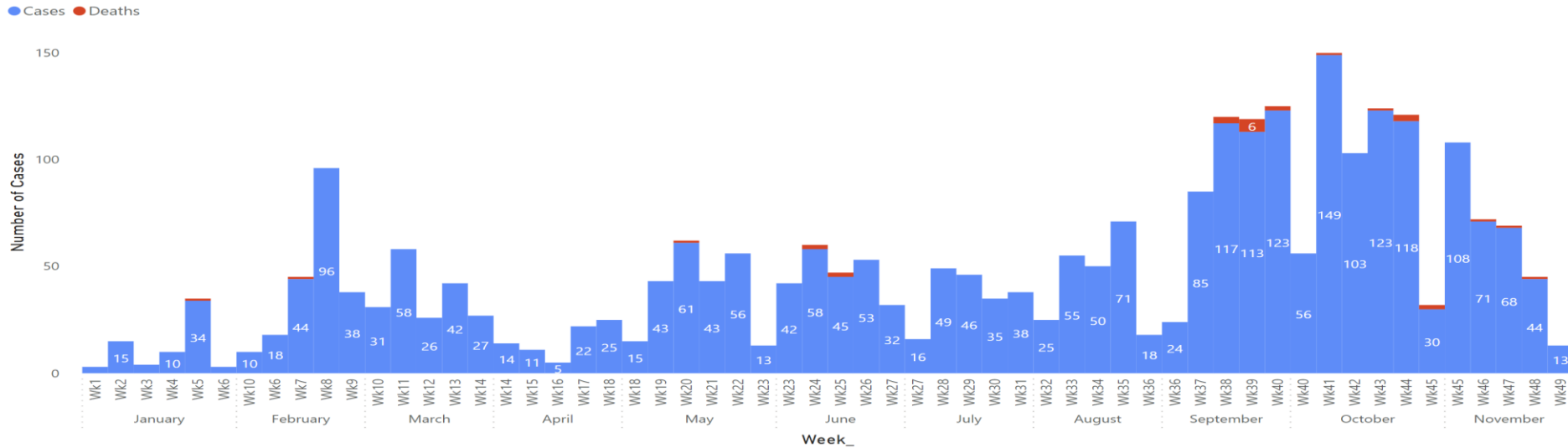
ACTIVE OUTBREAKS AND PUBLIC HEALTH EVENTS

Measles Updates

Measles Cases in South Sudan week 1- 52, 2022



Epi Curve-Measles outbreak in South Sudan 2022



Main highlights

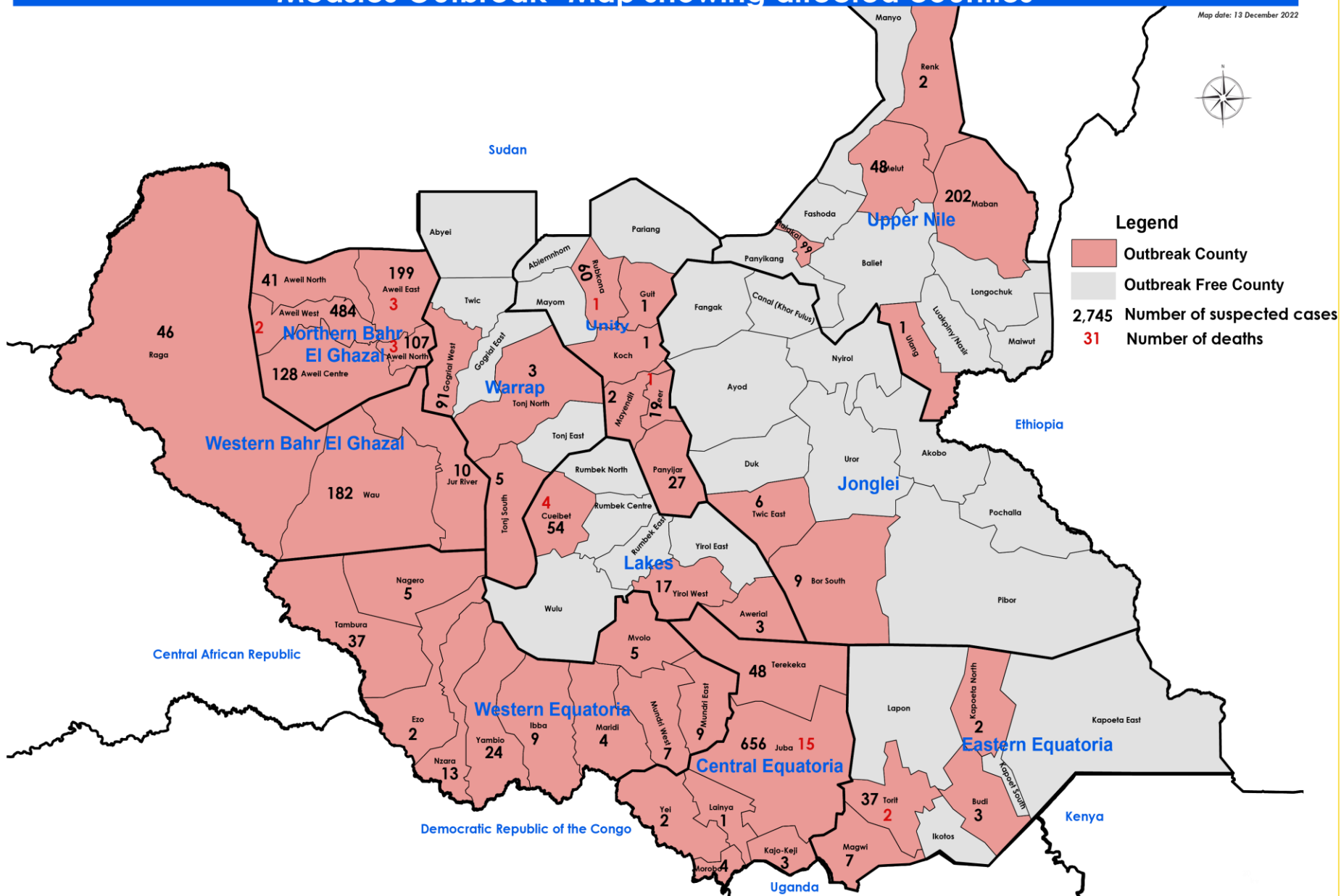
- MoH declared a measles outbreak on 10 Dec 2022
- Cumulative cases, 2,954 cases including 378 lab-confirmed IgM cases reported from epidemiological week 1-52, 2022
- 38 deaths (CFR, 1.28%)
- Measles outbreaks confirmed in 23 counties in 10 states since the beginning of 2022
- Recent outbreaks confirmed in Melut, Cueibet, Yirol West, Yirol East, and Nyirol counties state
- 7 counties with active transmission-Rubkona, Melut, Cueibet, Yirol West, Yirol East, Wau, and Nyirol counties
- Reactive campaign conducted in 16 counties by counties/partners
- Planning for vaccination campaigns underway for 3 counties in Lakes (Cueibet, Yirol East, and Yirol West)

Public Health Response

- 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**
- 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
- Plans are underway to conduct a vaccination campaign in affected counties in Lakes states
- Two-year Measles response plan has been developed and tested by tabletop exercise on 14th December 2022
- Nationwide catchup campaign planned to take place in April 2023

Republic of South Sudan

Measles Outbreak - Map showing affected counties



Counties currently reporting cases

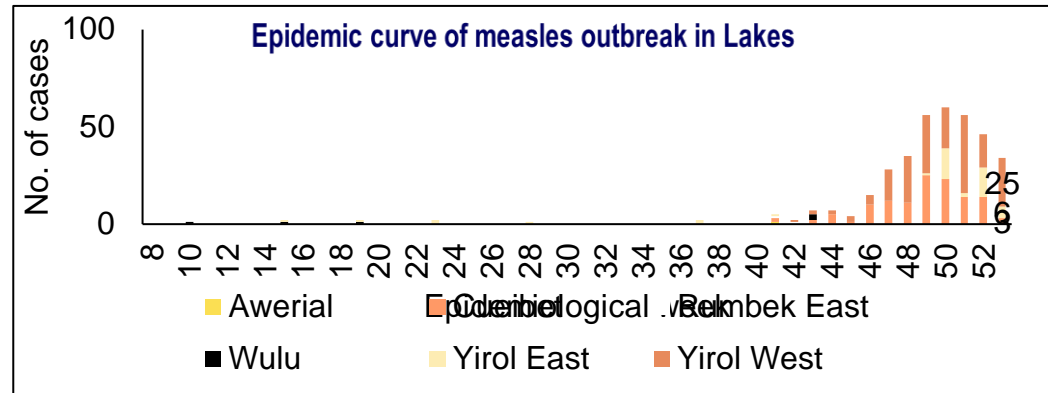
County	Number of Cases	Attack rate	Deaths	CFR%	Date Of Onset	Date of response/campaign	Campaign coverage	Outbreak status
AWEIL EAST	2	0	0	0.00%	01/11/2022	13-26 Aug	0.91	
AWEIL SOUTH	2	0	0	0.00%	02/11/2022	13-26 Aug	0.97	Active
AWEIL WEST	50	0.03	0	0.00%	01/11/2022	14-22 Jun	94% (49,784)	Active
BOR SOUTH	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
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)	Active
RUBKONA	30	0.03	0	0.00%	01/11/2022	22-29 Nov	77.2% (35,545) in XPoC; pending data from outside	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	Not done		Active
Total	304	0.01	3	1.0%	01/11/2022			





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



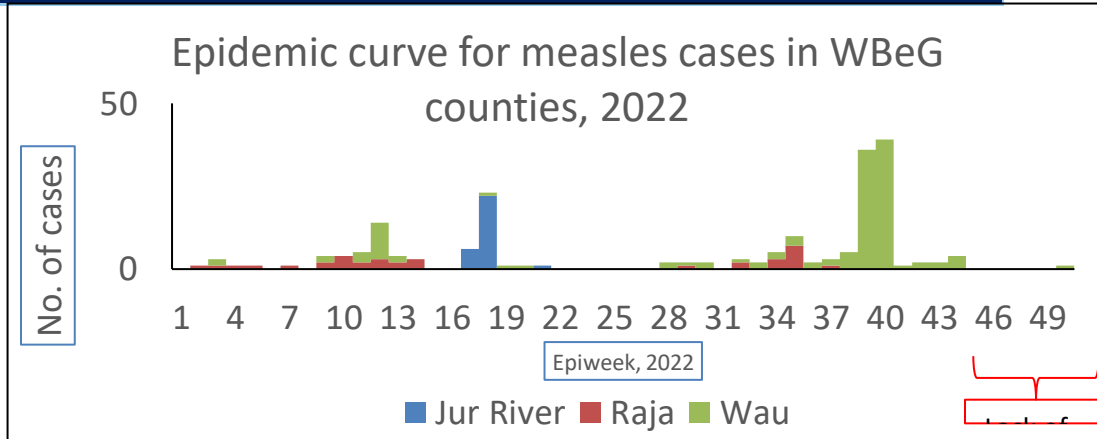
Onset of outbreak		County	Cases	Death	CFR %
Dates	Week				
16-Oct-22	42	Cueibet	122	8	6.6
23-Oct-22	43	Rumbek East	2	0	0.0
24-Oct-22	43	Wulu	6	0	0.0
25-Oct-22	43	Yirol West	186	4	2.2
05-Dec-22	49	Yirol East	48	0	0.0
Total			365	12	3.3

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

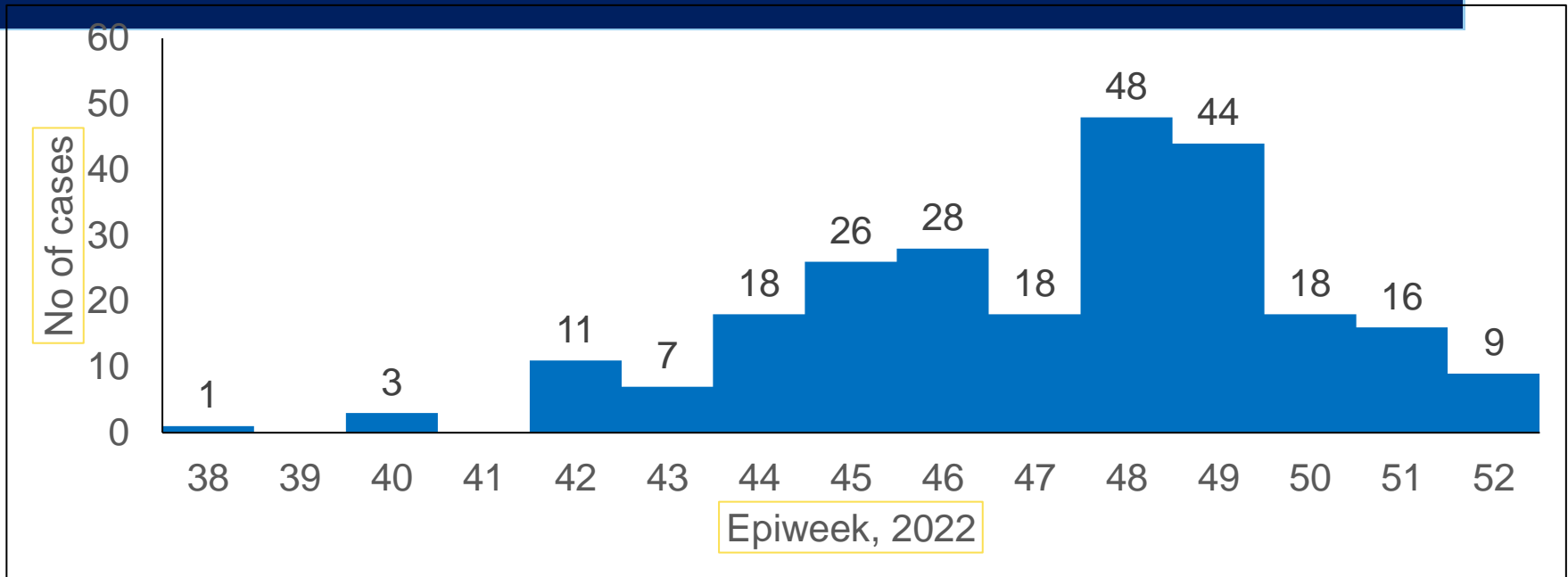
- 230 cases, 0 deaths reported from Jur River, Wau and Raja in 2022
 - 138 (60%) cases from Wau; 56 cases from Jur River; 36 cases from Raja
- Majority (88.7%) of cases are children > 5 years
- 87.8% (202 cases) cases have no history of measles vaccination
- Transmission appears to slow down; only 1 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	0	22	9.6
10-14 yrs	1	2	0	3	1.3
15&>	0	1	0	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



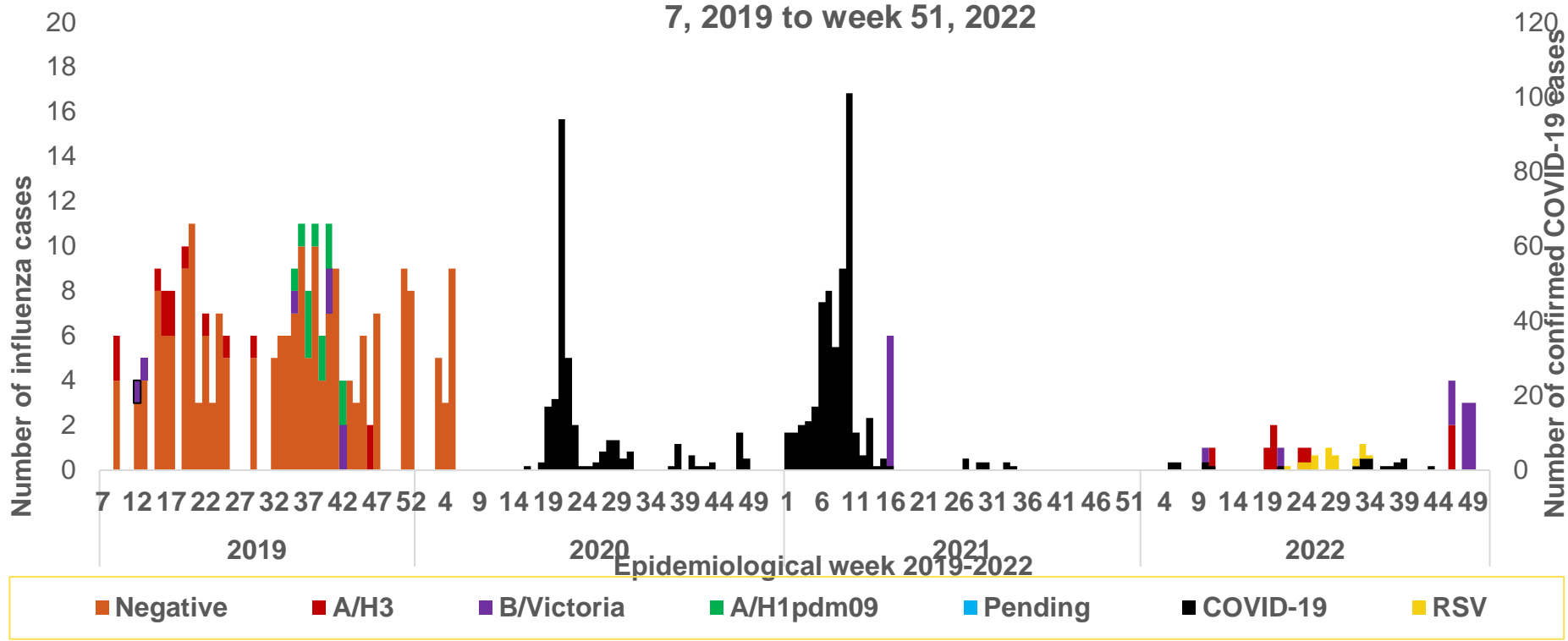
EVENT-BASED SURVEILLANCE



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



Confirmed Influenza ,COVID-19 and RSV cases from sentinel sites in Juba, week 7, 2019 to week 51, 2022



- 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



Anthrax updates



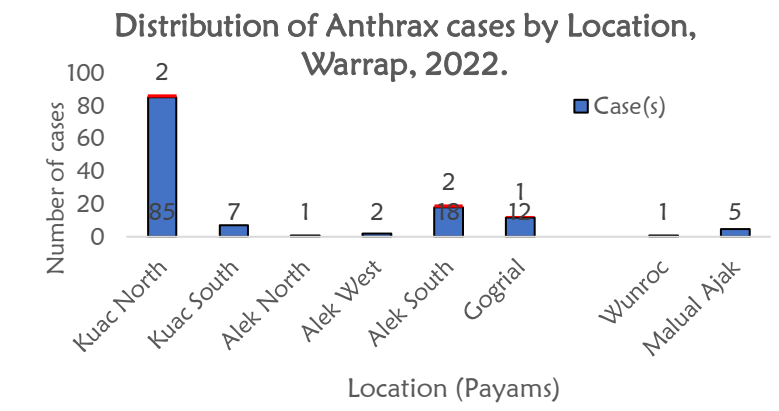
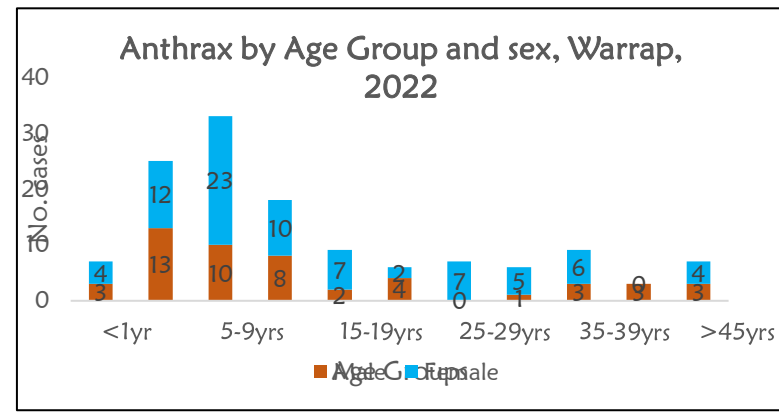
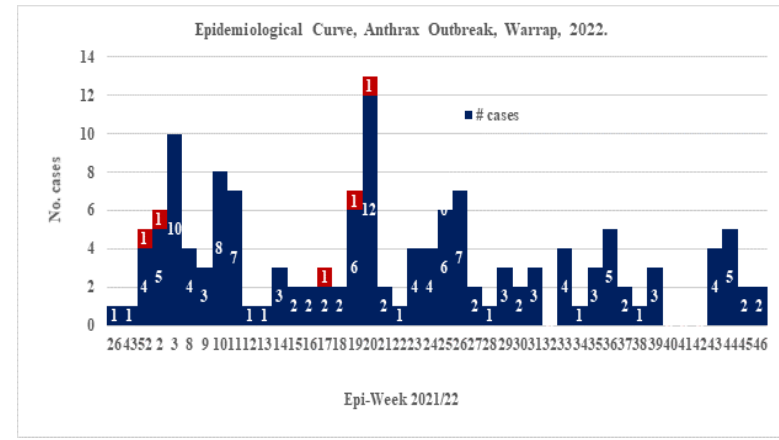
Confirmed Anthrax Cases in Gogrial West, Warrap State as of week 51



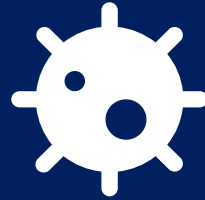
- Suspected anthrax cases were detected at the Kuajok hospital, and a retrospective review of the facility registers revealed over cases in the past two months.
- On 18th May 2022, a national team composed of MOH, MOAF, WHO, ICAP, and FAO visited the state to conduct an in-depth epidemiological investigation 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 5-9 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
- Ongoing multisectoral coordination meetings at state and national levels.



COVID-19 UPDATES



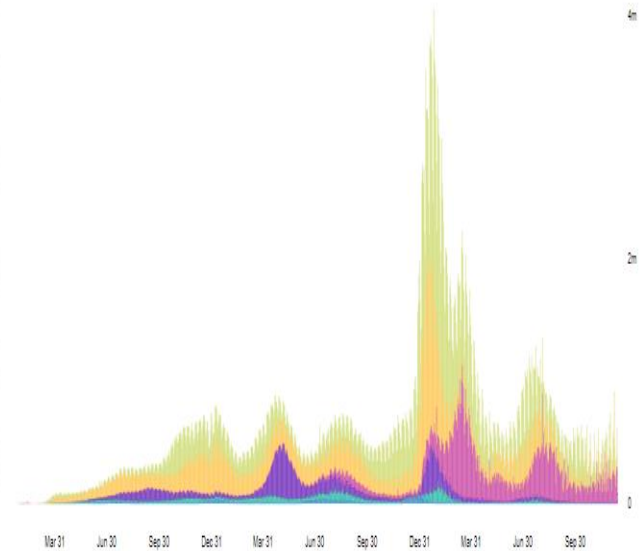


Situation update as of 13, January 2023

- Globally, as of 13 January 2023, there have been 661,545,258 confirmed cases of COVID-19, including 6,700,519 deaths, reported to WHO.
- As of 5 January 2023, a total of 13,107,022,929 vaccine doses have been administered.
- **In Africa, as of 13 January 2023** there have been **9,460,616** confirmed cases of COVID-19, including **175,162 deaths** reported to the WHO
- **In South Sudan, from 3 January 2020 to 13 January 2023,** there have been **18,368** confirmed cases of COVID-19 with 138 deaths, reported to WHO.
- As of 17 December 2022, a total of **2,310,167 vaccine** doses have been administered.
- **Plans are underway to conduct ICVOPT countrywide mass COVID-19 campaign**



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



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

Update on the resurgence of COVID-19 Omicron variant in China

- Chinese Center for Disease Control and Prevention has reported that Omicron sublineages BA.5.2 and BF.7 are currently circulating
- The overall epidemiology—reflecting a rapid and intense wave of disease caused by known sub-variants of Omicron with higher clinical impact on older people and those with underlying conditions—
- It is like waves of infection experienced by other countries, as is the increased pressure on health services.
- However, the reported data indicate a decline in case numbers, hospitalizations, and those requiring critical care. WHO has requested a more detailed breakdown of data by province over time.
- WHO continues to ask that further sequences be shared and for continued collaboration with technical groups working on virus evolution, clinical care, and beyond.
- WHO will continue to work with China, providing technical advice and support, engaging on analyzing the situation, and carrying out the recommendations detailed in the report of the Strategic Advisory Group for the Origins of Novel Pathogens.

Source: <https://www.who.int/news/item/14-01-2023-who-welcomes-data-on-covid-19-in-china--meeting-with-minister>



**OVERALL
CONCLUSIONS AND
RECOMMENDATIONS**

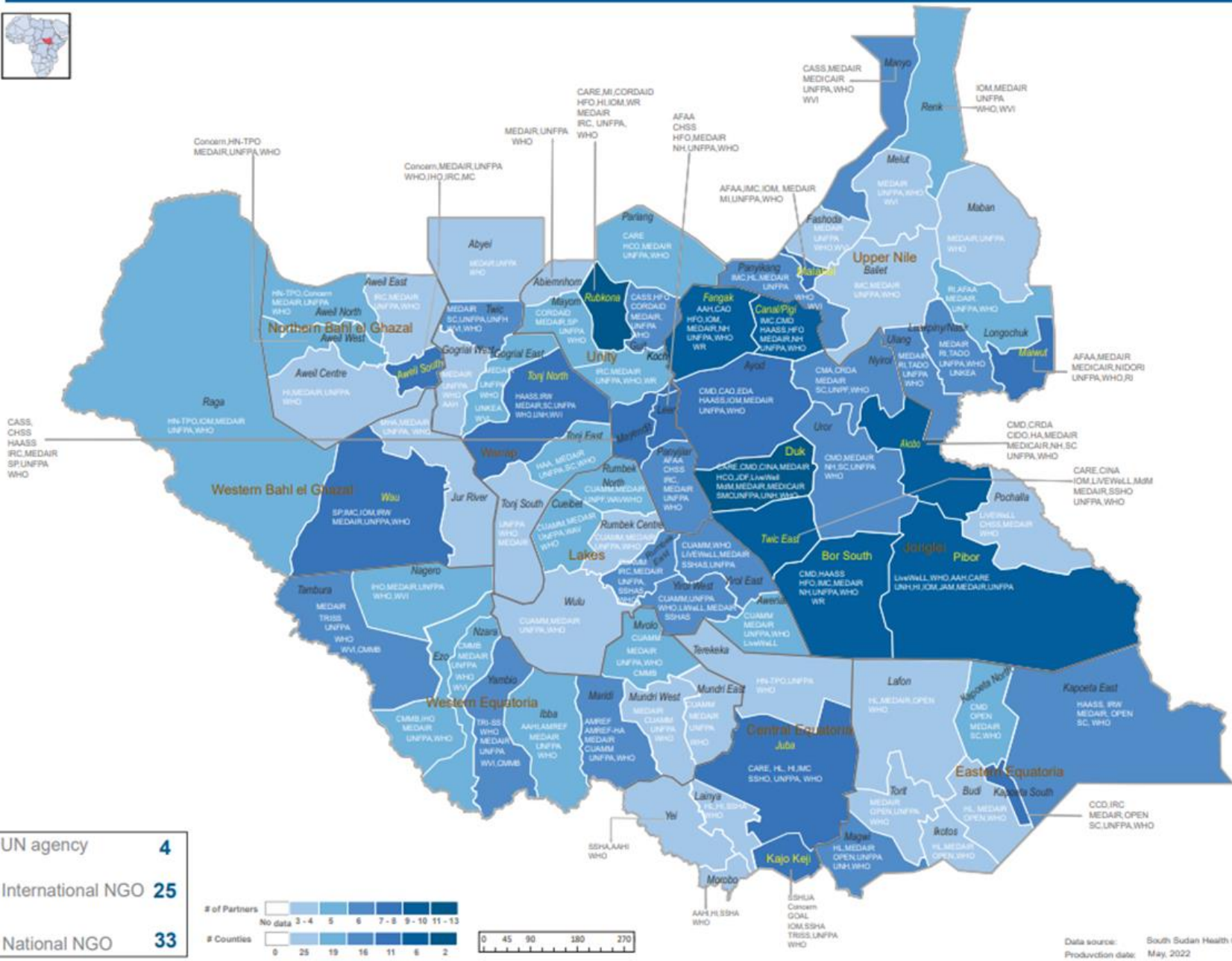
Conclusions

- In week **01, 2023**, the IDSR reporting timeliness and completeness were 76% and at **86%** respectively and timeliness and completeness for EWARN sites were at **70%** and **77%** respectively
- Of 80 alerts were reported in **week 01, 2023**; the majority were for **measles (27)**, **Malaria (21)**, **AWD (16)**, and **Guinea worm (5)**
- Measles outbreaks confirmed in more than 23 counties since the beginning of the year 2022. A total of **2974** cases including **378** lab-confirmed and **31 deaths** gave a CFR of 1.04% reported from all states as of **week 01, 2023**.
- Reactive vaccination campaign for measles is planned for in three counties of Lakes state
- Uganda declared the end of the Sudan Ebola virus outbreak in Mubende district and all affected districts on 11 January 2023
- Cases of human anthrax are still being reported in Gogrial west as of week 52, 2022

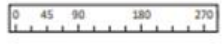
Recommendations

- Partners to continue supporting County Health Departments (CHD) & State Ministries of Health on timely IDSR/EWARN reporting
- Health facilities to conduct an initial investigation on suspected cases of epidemic-prone diseases and collect samples
- Strengthen EVD surveillance, Infection Prevention and Control (IPC) and Risk communication and community engagement (RCCE) in high-risk areas of Juba, Yei, Yambio, Kaya, Nimule and Kako-keji
- Conduct reactive measles vaccination campaign in counties with confirmed outbreaks and advocate for enhanced routine immunization through PIRI
- Support the multicluster HEV response strategy in the Bentiu IDP camp and the ongoing cholera outbreak

South Sudan Health Cluster HRP Partners 2022



UN agency	4
International NGO	25
National NGO	33



Data source: South Sudan Health Cluster
 Production date: May, 2022



IDSR timeliness & completeness performance at county level for week 01 and 52 of 2021 (2)



STATE	COUNTY	Number of reporting sites	No. of HF's Reported on Time in WK 01	Timeliness Percentage of WK 01	No. of HF's Reported regardless of time in WK 01	Completeness Percentage of WK 01	No. of HF's Reported regardless of time in Wk 52	Completeness Percentage of WK 52	STATE	COUNTY	Number of reporting sites	No. of HF's Reported on Time in WK 01	Timeliness Percentage of WK 01	No. of HF's Reported regardless of time in WK 01	Completeness Percentage of WK 01	No. of HF's Reported regardless of time in WK 52	Completeness Percentage of WK 52
Jonglei	Pochalla	7	7	100%	7	100%	7	100%	Warrap	Abyei	9	9	100%	9	100%	2	22%
Jonglei	Duk	15	13	87%	13	87%	13	87%	Warrap	Tonj East	12	12	100%	12	100%	11	92%
Jonglei	Twic East	11	9	82%	9	82%	9	82%	Warrap	Tonj South	12	12	100%	12	100%	12	100%
EES	Magwi	22	16	73%	17	77%	16	73%	Upper Nile	Manyo	11	10	91%	10	91%	11	100%
EES	Kapoeta South	10	7	70%	9	90%	5	50%	Upper Nile	Longechuk	9	8	89%	8	89%	9	100%
EES	Budi	21	14	67%	17	81%	9	43%	Warrap	Gogrial West	31	26	84%	30	97%	30	97%
Jonglei	Bor	35	19	54%	19	54%	19	54%	Warrap	Twic	26	21	81%	24	92%	25	96%
EES	Ikotos	27	14	52%	18	67%	16	59%	Upper Nile	Maiwut	5	4	80%	4	80%	4	80%
EES	Torit	20	10	50%	11	55%	9	45%	Upper Nile	Akoka	5	4	80%	4	80%	4	80%
Jonglei	Akobo	8	4	50%	4	50%	2	25%	Warrap	Tonj North	19	15	79%	15	79%	15	79%
EES	Kapoeta North	16	7	44%	9	56%	8	50%	Warrap	Gogrial East	15	11	73%	11	73%	13	87%
Jonglei	Canal Pigi	12	5	42%	5	42%	8	67%	Upper Nile	Maban	17	8	47%	9	53%	8	47%
EES	Kapoeta East	12	5	42%	5	42%	5	42%	Upper Nile	Makal	7	3	43%	5	71%	5	71%
Jonglei	Fangak	19	5	26%	5	26%	15	79%	Upper Nile	Panyikang	3	1	33%	1	33%	2	67%
Jonglei	Uror	8	1	13%	1	13%	0	0%	Upper Nile	Ulang	14	4	29%	6	43%	9	64%
Jonglei	Nyirrol	10	1	10%	1	10%	1	10%	Upper Nile	Luakpiny Nasir	12	2	17%	3	25%	6	50%
EES	Lopa Lafon	18	0	0%	13	72%	15	83%	Upper Nile	Fashoda	16	2	13%	2	13%	3	19%
Jonglei	Pibor	9	0	0%	0	0%	0	0%	Upper Nile	Baliet	4	0	0%	2	50%	3	75%
Jonglei	Ayod	15	0	0%	0	0%	0	0%	Upper Nile	Renk	11	0	0%	0	0%	0	0%
Jonglei	Ayod	15	0	0%	0	0%	0	0%	Upper Nile	Melut	8	0	0%	0	0%	0	0%

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

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

<https://www.afro.who.int/publications/south-sudan-weekly-disease-surveillance-bulletin-2022>

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

