



South Sudan Ministry of Health

Integrated Disease surveillance
and response (IDSR)



World Health
Organization
South Sudan

Epidemiological Bulletin Week 30, 2022 (July26-31July)

Major epidemiological highlights in week 30 of 2022



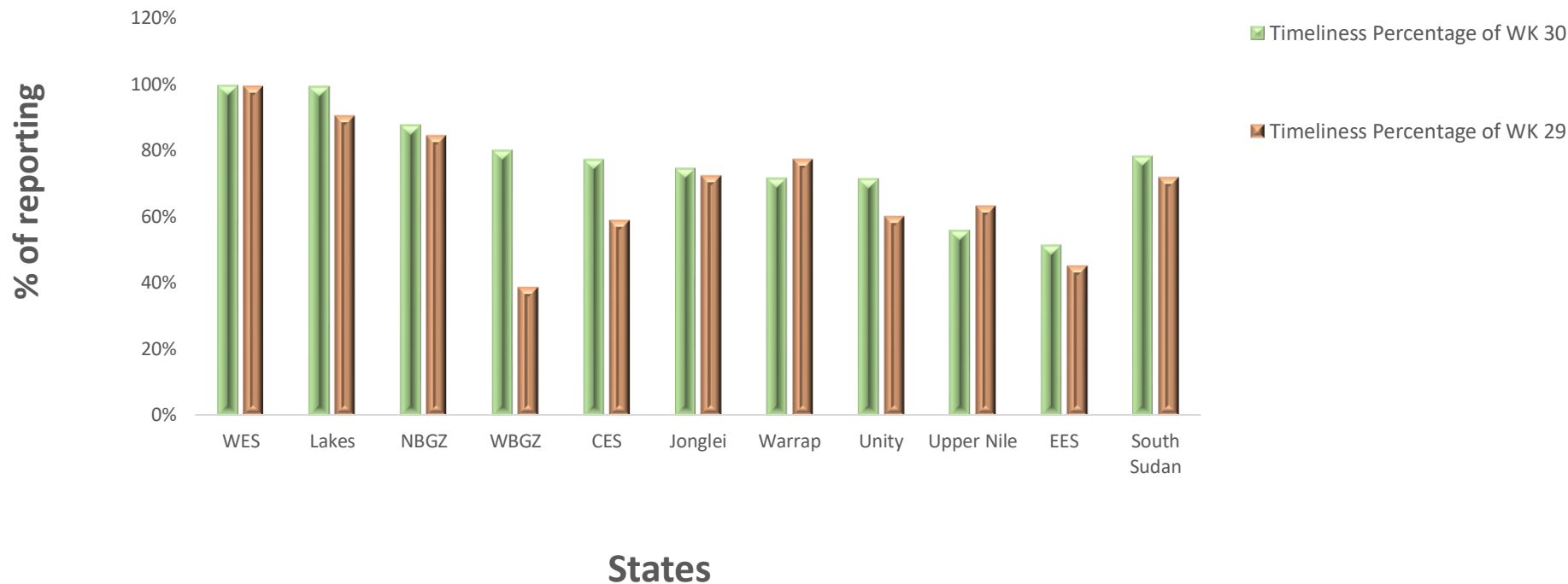
- In week **30, 2022**, the IDSR reporting timeliness and completeness were **78%** and **84%** respectively while the EWARN sites were both at **86%**
- Hepatitis E virus cases continue to be reported in Bentiu IDP Camp with, **3,003** cases and **25** deaths (CFR **0.84%**) reported since week 1, 2019
- Of the **69** alerts generated in week 30, 2022; **46.3%** were for malaria (32) and **6.9%** for acute watery diarrhea
- **17,598** confirmed COVID-19 cases and **138** (CFR **0.78%**) deaths reported in South Sudan since the beginning of the outbreak
- Suspect case of monkeypox from Budi county, Eastern Equatoria State.
- Ongoing cholera outbreak in Bentiu, Unity with **305** cases and **one** death (CFR **0.33%**) as of week 30 updates
- Meningitis cases in Northern Bahr Elgatal state is at **328** cases and 5 deaths (CFR 0.88%)
- Ongoing anthrax outbreak in Gogrial West county with **80** cases and **4** reported deaths (CFR **5%**).

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 30 & 29 of 2022

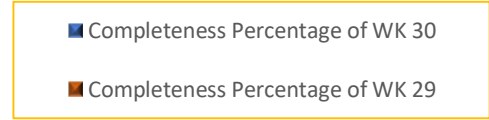
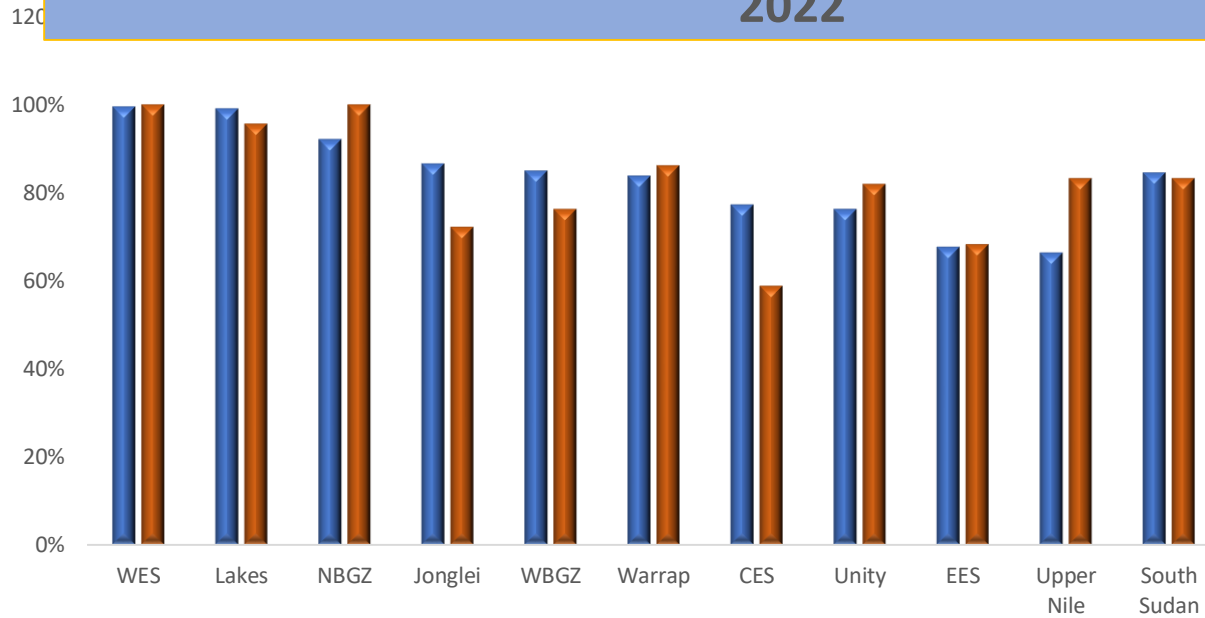


- Overall timeliness reporting in week 30 stands at 78% as compared to 72% in week 29,2022.
- Only Four states reached the national target of 80% and above. These includes WES(100%), Lake State(99%) and NBGZ(88%), WBGZ(80%).
- Reporting challenges include, insecurity, no internet; turnover of partners and government staff, floods, funding cut by Health Pooled Fund

IDSR Completeness performance at State level for week 30 & 29 of 2022



% of reporting

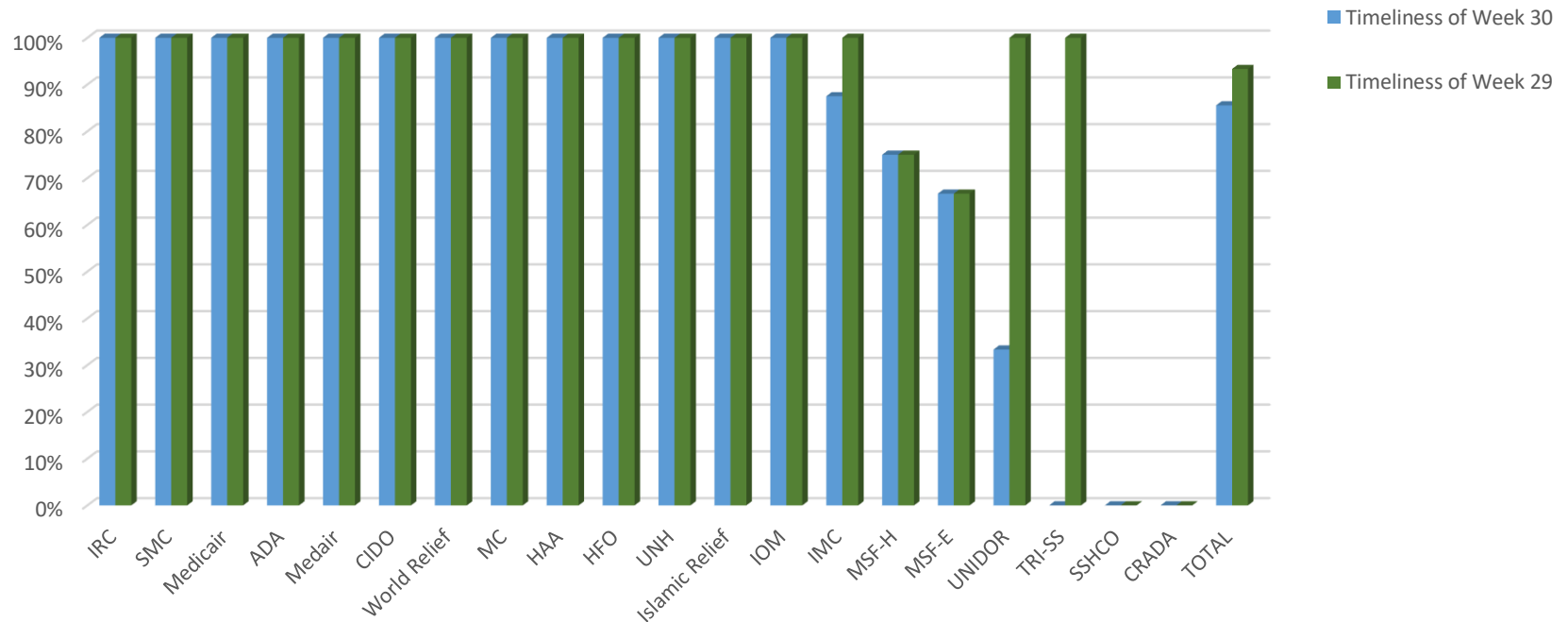


States

- Overall completeness of reporting in week 30 stands at 84% as compared to 83% in week 29,2022.
- There were six states that reached the national target of 80% and these includes WES(100%), Lake State(99%) and NBGZ(92%), Jonglei State (87%), WBGZ(85%) and Warrap State (84%) .

Surveillance: EWARS timeliness performance indicator by partner for week 30 and 29 of 2022

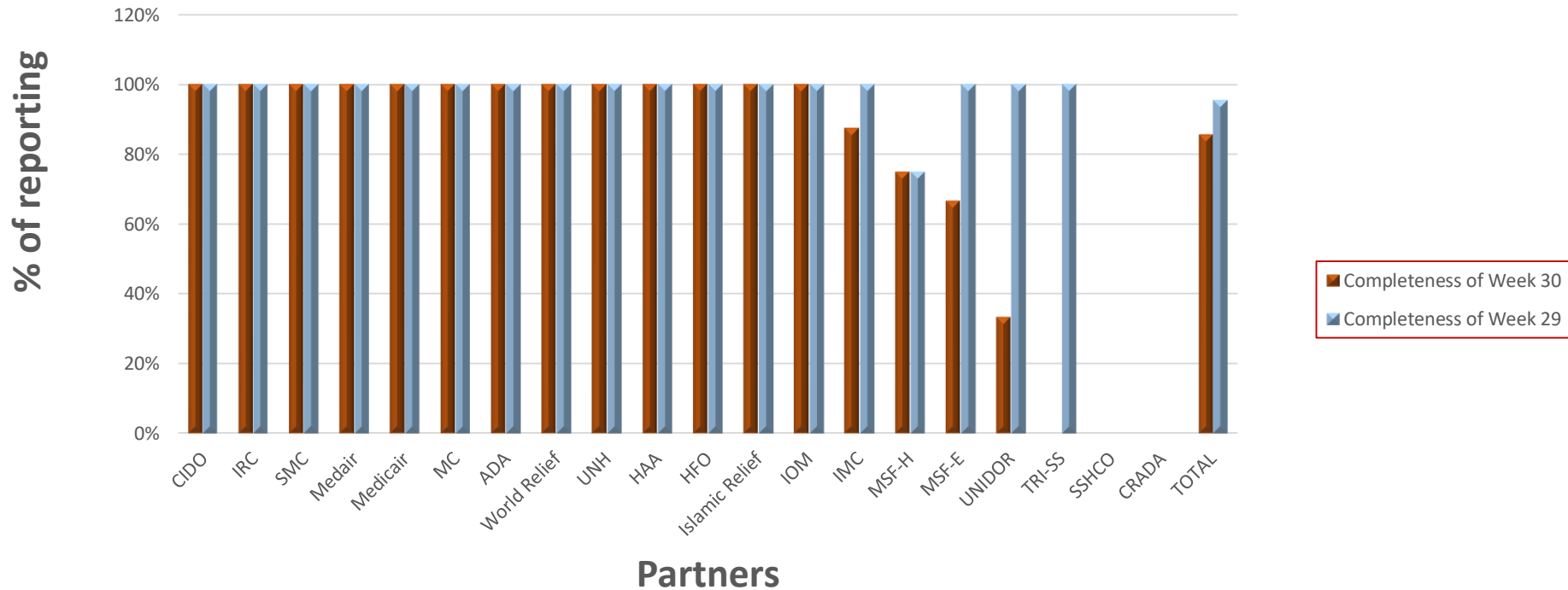
% of reporting Rates



Emergency Partners

- Timeliness of partners' reporting in week 30 stands at 86% as compared to 93% in week 29,2022.
- 13 of the 20 Partners submitted their reports on time.
- Two partners scored below the target of 80% (MSF-H=75%, MSF-E=67%, UNIDOR=33%).
- Three partners did not submit any report during week 30 Timeliness, and these includes (SSHCO in Mangala-Juba County, CRADA in Akobo West(Walgak and TRI-SS).

Surveillance: EWARS Completeness performance indicator by partner for week 30 and 29 of 2022



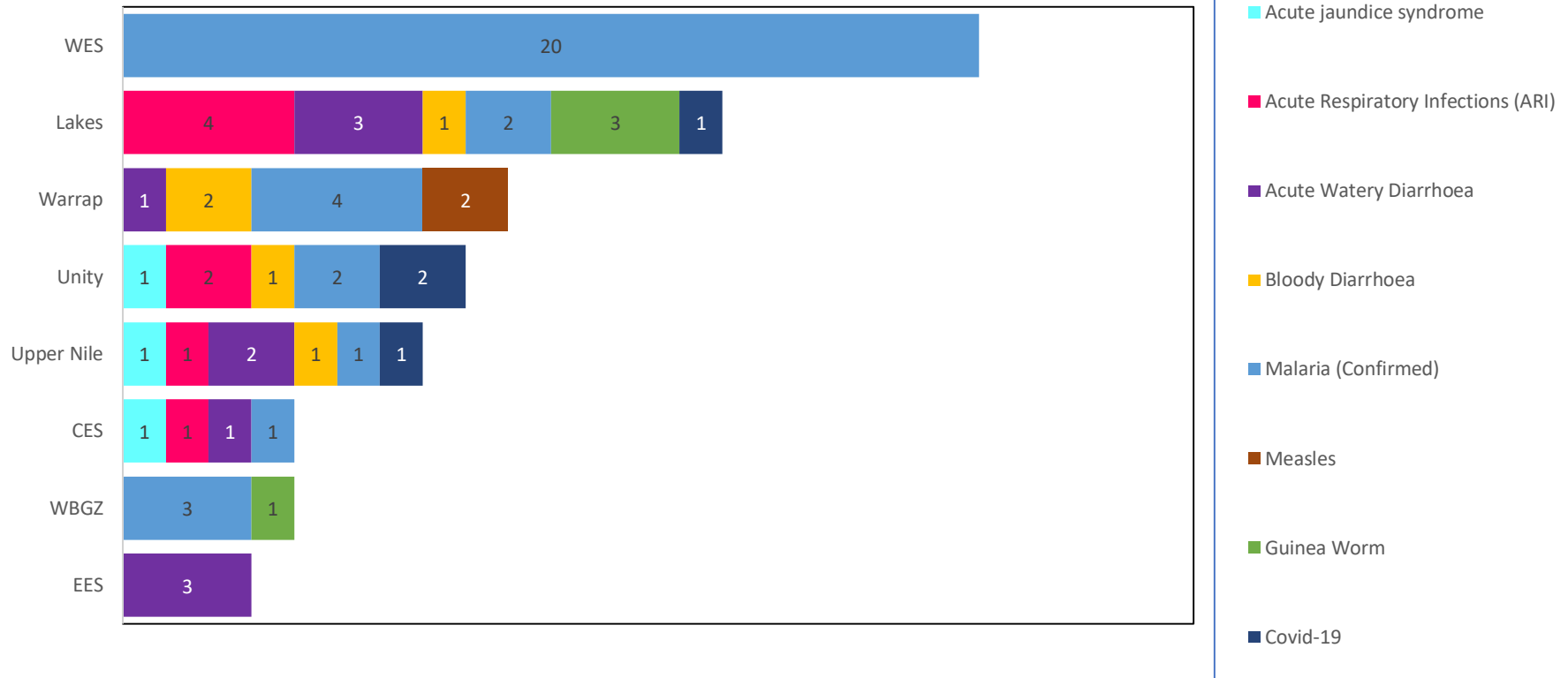
- Completeness of partners' reporting in week 30 stands at 86% as compared to 96% in week 29,2022.
- 14 Partners managed to submit most of their reports out of the 20 reporting partners.

EVENT-BASED SURVEILLANCE



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

Alert by disease and States in week 30 of 2022 [a total of events specific alerts generated by state



This week a total of 69 Alerts were triggered from the EWARS System:

- 3 Acute Jaundice Syndrome alerts: triggered from Kimu PHCC in Juba County and MSF-H Bentiu PoC Hospital in Rubkona County of Unity State, Thworgang phcu in Manyo county, Upper Nile State.
- 4 Guinea Worm alert: from Cueibet County Hospital in Cueibet , Langdit PHCU in Cueibet County, Yirol Hospital in Yirol West County of Lake State, Roc Roc Dong PHCU in Jur River WBGZ State.
- 2 Measles alerts from Mayen-abun PHCC in Twic County of Warrap State.

Suspected case of monkeypox in EES, Budi county

- On 29 July 2022, Chukudum Hospital reported a suspected case of monkeypox
- The case is a 15 years old who presented with rashes filled with blisters, fever, headache, and general body weakness; the date of onset was 23 July 2022
- County RRT was deployed for investigations and an active case search, and the sample was collected and sent to NPHL Juba
- **Lab result:** tested negative for monkeypox on PCR at the National Public Health Laboratory Juba.

Monkeypox readiness in South Sudan

- A webinar was conducted at the PHEOC on Surveillance, outbreak investigations, case management, IPC, and WASH
- Plans underway to develop a readiness response plan
- Monkeypox tools under review to be distributed, printed, and disseminated
- Coordination is ongoing as part of the EPR weekly meetings
- There is an in-country testing capacity by PCR at the National Public Health Laboratory
- So far, nine alerts have been investigated since May 2022 and all tested negative by PCR from UVRI, NICD and NPHL

01

Develop

- Develop a readiness and response plan.

02

Adapt

- Adapt monkeypox guidelines, recording and reporting tools.

03

Print and disseminate

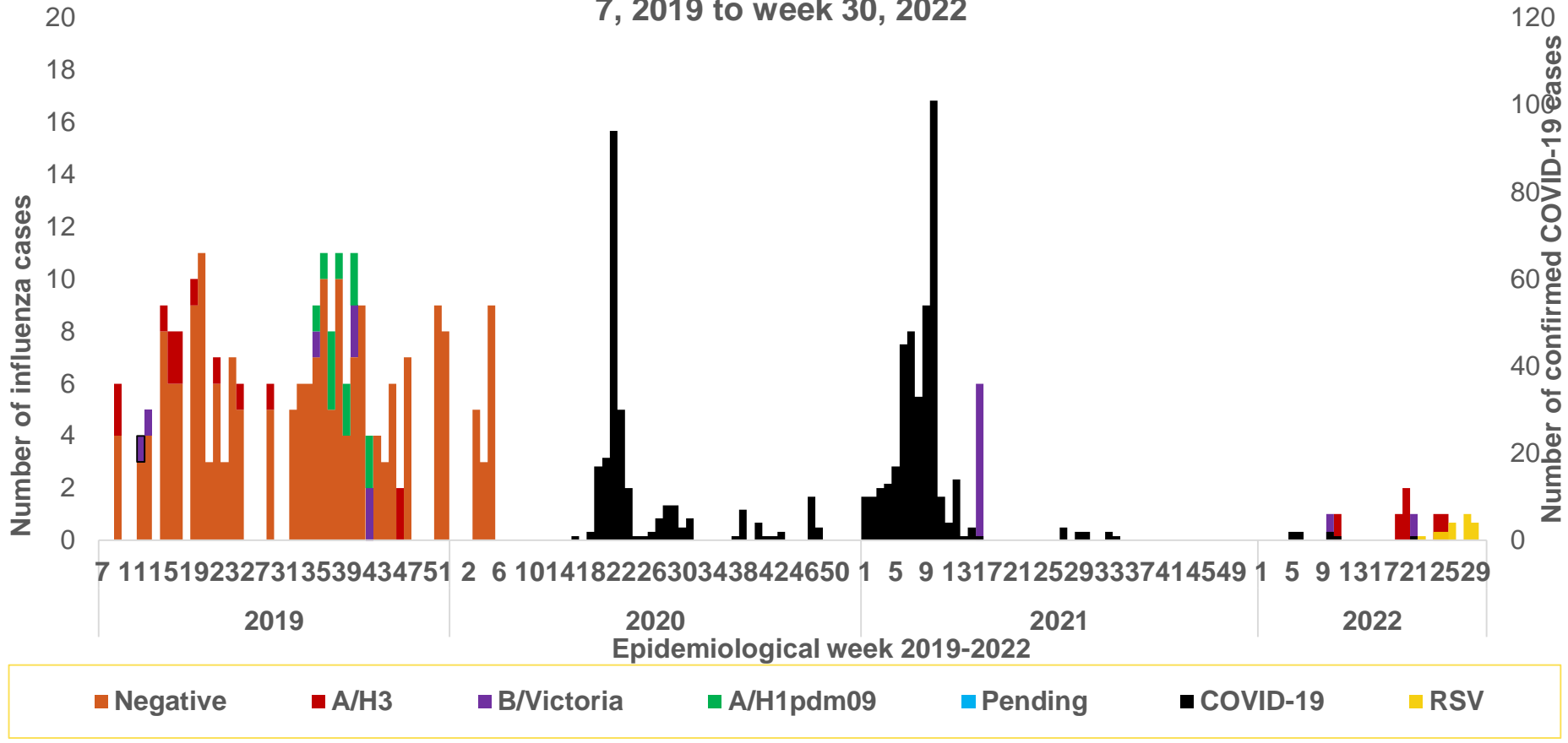
- Immediately print and disseminate case definition forms to health facilities.

04

Provide

- Provide training to health care workers and orientation to call handlers

Confirmed Influenza ,COVID-19 and RSV cases from sentinel sites in Juba, week 7, 2019 to week 30, 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 30,2022**; a total of **352 ILI/SARI** samples were collected,**319** samples tested negative, and Cumulatively, **6** tested positive for covid-19,1 positive for Influenza B (Victoria), and **5** positives for influenza A(H3). 19 RSV was confirmed in Week 30

ACTIVE OUTBREAKS AND PUBLIC HEALTH EVENTS

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

Response| Summary of major ongoing outbreaks in 2022

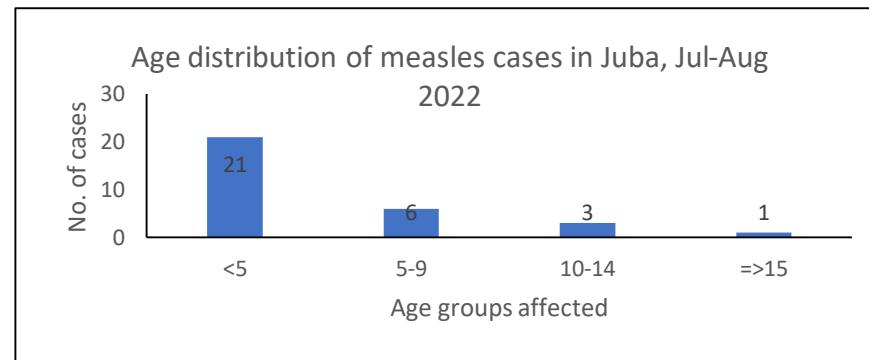
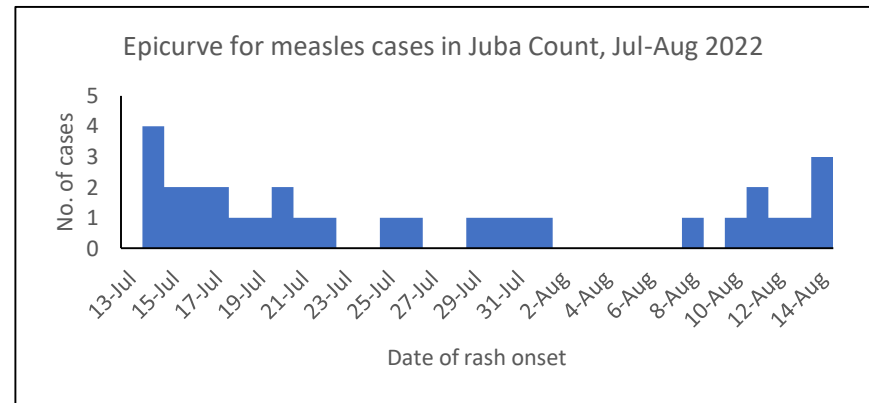
Aetiological agent	Location (county/ state)	Date first reported	New cases since last bulletin	Cumulative cases to date (attack rate %)	Interventions			
					Case management	Vaccination	Health promotion	IPC/W ASH
Ongoing epidemics								
Hepatitis E	Bentiu PoC	03/01/2019	48	3003(0.017)	Yes	yes	Yes	Yes
COVID-19	35 counties	05/4/2020	11	17,651 (0.0006)	yes	yes	yes	yes
Cholera	Bentiu	20/3/2022	08	314(0.016)	yes	yes	yes	yes
Anthrax	Gogrial West	24/1/2022	3	108(0.037)	Yes	No	Yes	Yes
Meningitis	Northern Bahr Elgazal State	7/1/2022	4	328(0.003)	Yes	No	Yes	Yes
Measles	Aweil West	11/5/2022	2	65(0.030)	Yes	yes	Yes	NA
Measles	Aweil East	12/3/2022	8	60(0.013)	Yes	yes	Yes	NA
Measles	Aweil Center	24/4/2022	1	31(0.32)	Yes	yes	Yes	NA
Measles	Juba	19/7/2022	14	21(0.66)	yes	Not yet	yes	NA

Confirmed Measles Outbreak in Juba County- CES

- Suspected measles cases started on 14/ 07/ 2022 in Juba County
- A total of **31** suspected cases of measles have been reported from Munuki, Juba, N. Bari, Kator and Rejaf Payam. Juba Payam has the most (32%) cases among the five affected payams.
- Age 0-4yrs accounted for the majority, 67.7% (21 cases), of the cases reported
- More than half (54.8%) of the cases are males
- 41.9% (17 cases) of the cases were admitted for inpatient management; no deaths reported so far.

Ongoing response

- Active case search and line listing of cases are ongoing, cases have been referred to the nearest health facilities.
- Case are being managed in different health facilities; this includes provision of supportive management, vitamin A supplementation and treatment of secondary infections
- Plans to conduct reactive vaccination campaigns in the five affected payams are underway; vaccination expected to start soon. WHO, MEDAIR and IOM are leading the campaign.
- Refresher training on measles surveillance and treatment is planned for state RRTs and frontline health workers
- Routine immunization services need to be strengthened



Confirmed Cholera Outbreak in Bentiu, Unity State as of week 31

Descriptive epidemiology

- V. cholerae case confirmed on 14 Apr 2022 in Bentiu.
- **09** new cholera cases (including 04 RDT positive cases) reported from Bentiu IDP camp, Rubkona county
- **314** cholera cases have been reported cumulatively. (**55** were cholera RDT positive with 29 testing culture positives); One death **0.33%** case fatality rate (**CFR**).
- Overall age group between 0-4 years is mostly affected with **35.7%** of the **314** cases reported.
- Females account for **60.8%** of the reported cases and males account for **39.2%**.
- Drinking water sources of the reported cases include chlorinated **124 (39.5%)**, tap water **23 (7.3%)**, borehole 19 (6.1%), flood water **5(1.6%)**, and **144 (45.5%)** sources of drinking water were not provided
- Gradual reduction is being observed from week 25 up to week 31, however, this must be interpreted with caution

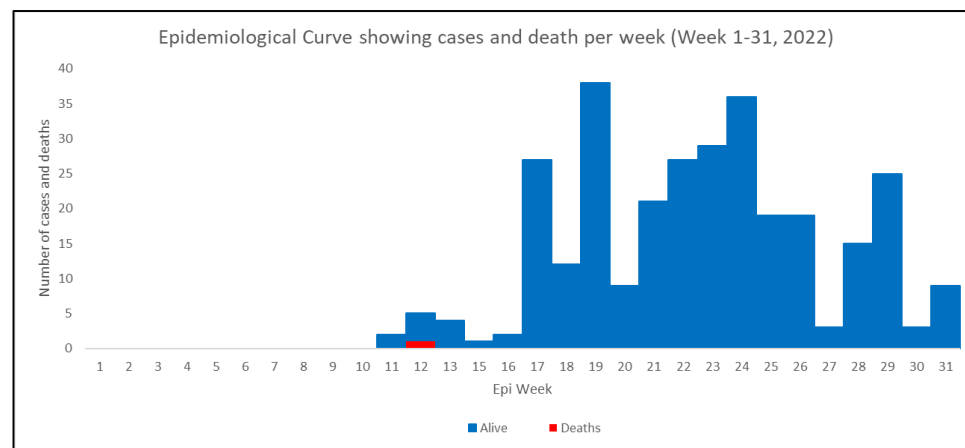


TABLE VACCINATION STATUS OF REPORTED CHOLERA CASES BY AGE CATEGORY, RUBKONA COUNTY, 19 MARCH – 7 August 2022

Age Group	Vaccinated		Not Vaccinated		Unknown		Total	
	cases	%	Cases	%	Cases	%	Cases	%
0-4 yrs	25	8.0	62	19.7	22	7.0	109	34.7
5-9 yrs	6	1.9	13	4.1	4	1.3	23	7.3
10-14 yrs	17	5.4	9	2.9	11	3.5	37	11.8
15-19 yrs	2	0.6	11	3.5	8	2.5	21	6.7
20-49 yrs	36	11.5	32	10.2	21	6.7	89	28.3
≥50 yrs	17	5.4	12	3.8	6	1.9	35	11.1
Total	103	32.8	139	44.3	72	22.9	314	100.0

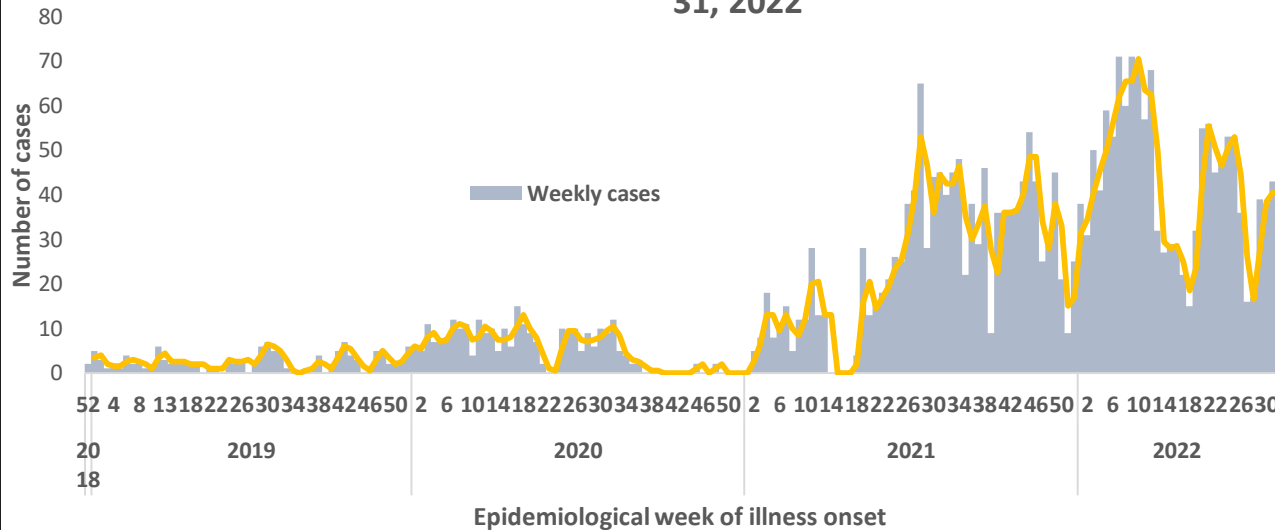


Oral Cholera Vaccines (OCV) 2022.

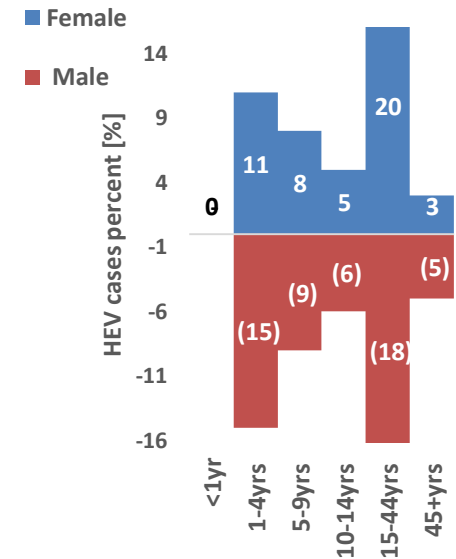
S/ N	LOCATION	TARGET	POPULATION VACCINATED		COVERAGE	
			1st round	2nd Round	1st round	2nd Round
1	Rubkona Phase 1	202,627	173,170	175,044	85%	86%
2	Rubkona Phase 2	31,680	25,196	32,075	80%	101%
3	Leer	75,333	64,033	35,375	85%	47%
4	Juba	633,335	400,584		63%	
5	Yirol East	118,163	111,499		94.4%	

- A total of 1,181,750 doses of OCV have been received in South Sudan in 2022
- 2 doses of OCV have been administered in 3 locations, the total cumulative doses of OCV given is 905477 (total vaccinated with 2 doses 452,736)
- Out of the balance of 276,273 doses from two consignments received (120,000 doses have been deployed to Yirol East and 81,000 doses are in Juba for the second round)

Hepatitis E Virus [HEV] cases in Bentiu IDP camp, wk 1, 2019 to wk 31, 2022



HEV case distribution by age and sex in Bentiu IDP, 2019-2022



Descriptive epidemiology

- The persistent transmission of HEV in Bentiu IDP camp continues with **3,003** cases since the beginning of 2019
- A total of **43** HEV cases were detected and reported in week 30, 2022.
- HEV transmission has reduced from a peak of 60 cases every fortnight by week 8, 2021 to 40 cases every fortnight by week 30, 2022.
- All the cases have been managed as outpatient cases except for seven cases who were admitted
- **25** deaths reported in 2019, 2020 and 2021 (CFR 0.84%)
- 46% are female and 54% 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); the third round is expected to be conducted in October 2022
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; host community was not vaccinated
4. Upcoming flooding season will likely worsen the WASH situation





- 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
- Five new cases were reported in week 31, 2022 bringing the total number of cases line-listed to **108 cases and 5 deaths**, case fatality rate (**CFR 4.7%**).
- All cases are from one County of Gogrial West. **62.9%** of the cases are from Kuac North Payam. **61%** of the cases are among females and **39 %** among Males.
- Out of the 18 samples collected, 8 tested positive by PCR.
- A total of 10 animal samples were collected by the animal health experts and 3 soil samples for further analysis.

Ongoing response

- Animal and soil samples collected to confirm infection among the animals and in soil samples
- Active case search and line listing of cases in the affected county and the surrounding.
- Case management is underway at Kuajok hospital.
- Discussions are underway with the Ministry of Animal Resources and Fisheries to conduct an immunization campaign among animals to eliminate the source of infection
- 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 level.

Epi Curve showing Anthrax Cases form week 4 to week 31, 2022.

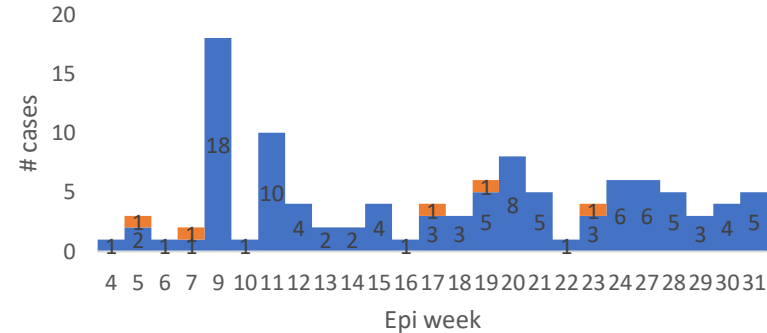


Chart showing Anthrax Cases by Payams form week 4 to week 31, 2022.

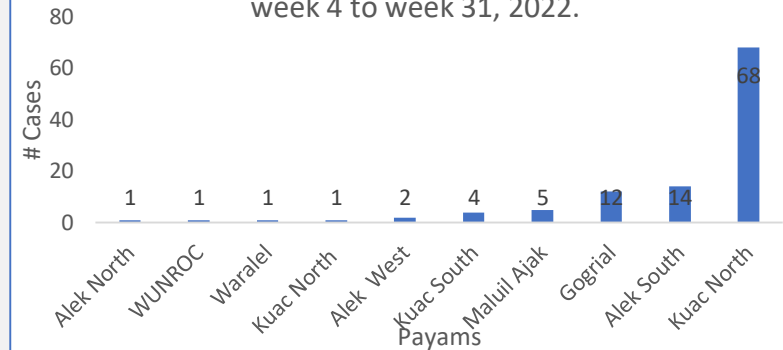
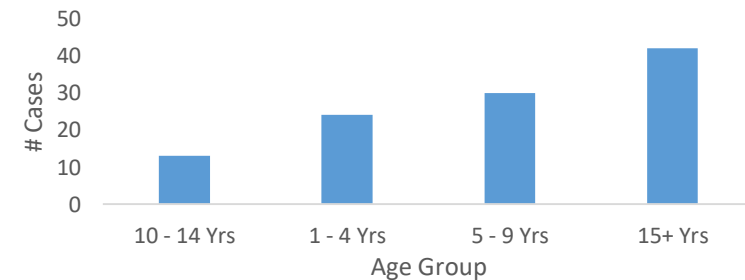
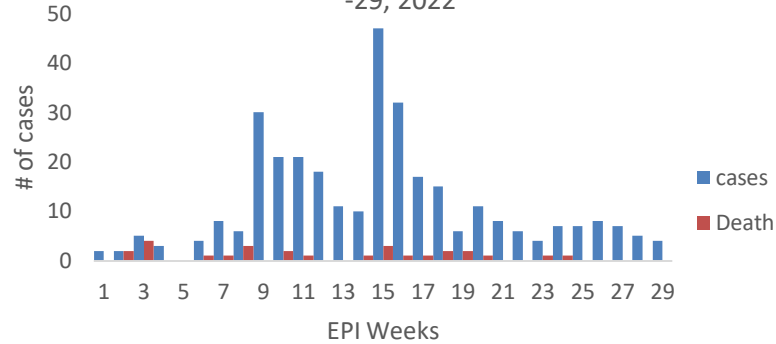


Chart showing Anthrax Cases by Age group from week 4 to week 31, 2022.

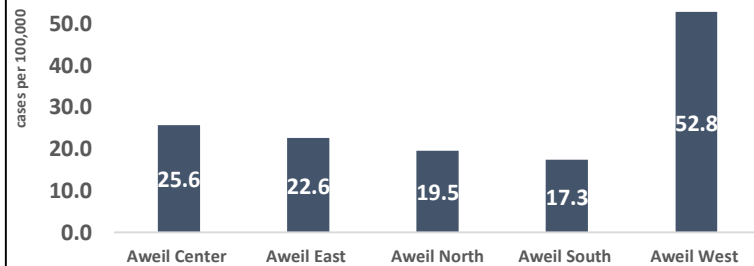


Suspected Meningitis in Northern Bahr el Ghazal State

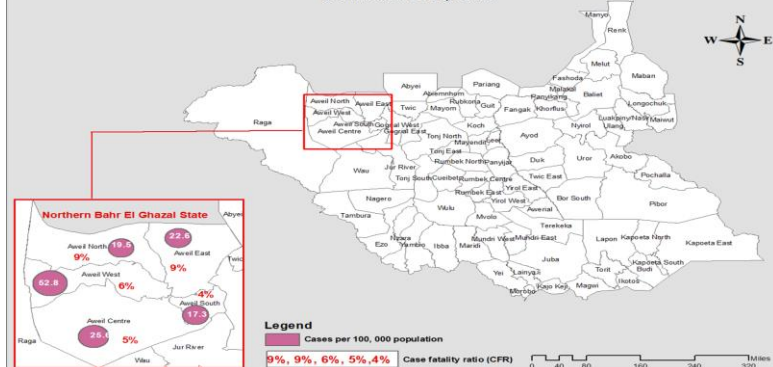
Meningitis cases in Northern Bahr el Ghazal week 1 -29, 2022



Cases (per 100,000) by county in NBeG from week 1 - 23, 2022



South Sudan: Map showing suspected Meningitis cases in Northern Bahr El Ghazal State by County from week 1 - 23, 2022.



- **328** suspect cases, with **23 deaths (CFR 7.0%)** reported from **5** counties in NBeG from week 1-23, 2022
- **Spike in suspect cases reported in weeks 9, and 15, 2022.**
- Most cases reported among **15+ yrs (43%)** and **<1 – 4 yrs (24%)**
- **Most deaths (CFR 57%)** have occurred in **infants (<1yr)**. The risk of death reduces with increasing age
- **Aweil North** reported the highest **CFR of 10%** which is the threshold
- **Aweil West and Aweil center** reported the **highest cumulative attack rates** during the reporting period and surpassed the alert threshold.
- **A total of 36 samples** were shipped to NPHL and then to the National Institute of Communicable Diseases in South Africa for PCR, of the 25 samples; 5 were positive for *Neisseria meningitidis*, (3 serogroup X) and 6 *Streptococcus pneumoniae* and one *H. Influenzae*. 17 samples tested negative by PCR and no growth by culture. And 7 are still pending
- Last **MenAfriVac** vaccination in March **2016** attained **admin. coverage of 92.3%**. South Sudan has not introduced the pneumococcal vaccine (PCV) into routine immunization

Response Activities

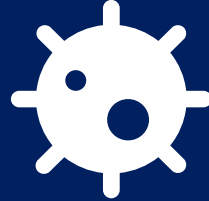
- WHO AFRO deployed a technical officer to Aweil to provide technical support and develop a road map for updating preparedness plans.
- Meningitis Training of Trainers was conducted on 8th and 9th August, all state surveillance officers, clinicians, and public health officers at the PHEOC were trained on surveillance, case management, data management
- Case identification, investigation, and management underway in Aweil Civil hospital by MSF France
- 3,000 vials of ceftriaxone from ICG and **1,000 vials of ceftriaxone were distributed to NBGZ state-affected counties**
- WHO supporting capacities for molecular testing of bacterial meningitis in South Sudan through the National Institute of Communicable Diseases



Response | Summary of major controlled outbreaks in 2020 and 2021

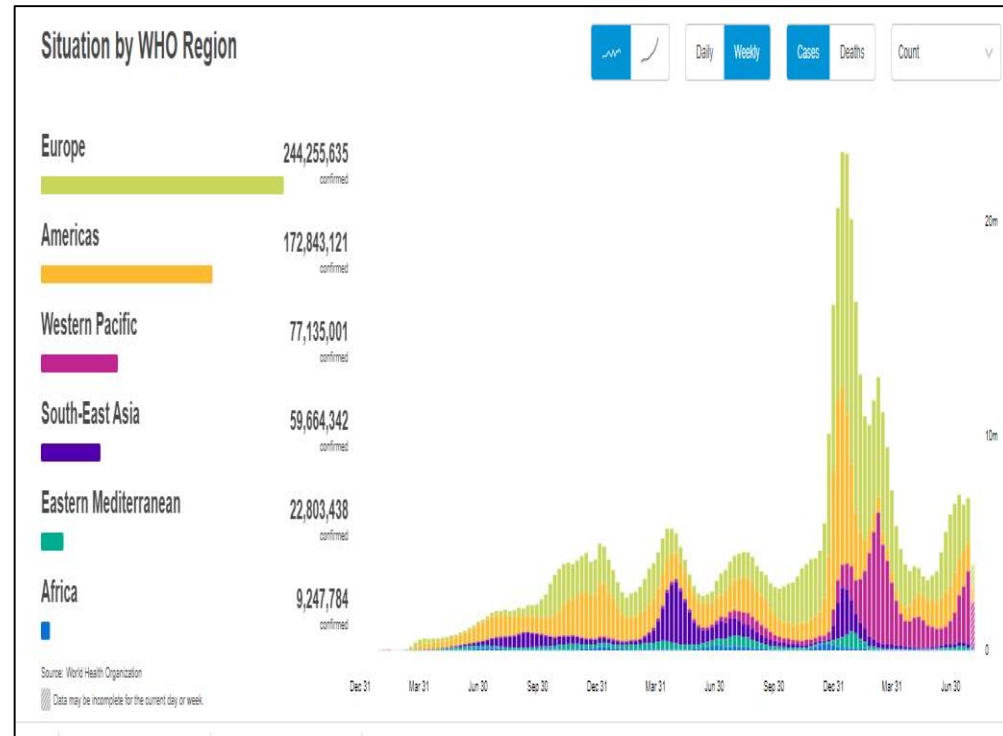
Aetiological agent	Location (county)	Date first reported	New cases since last bulletin	Cumulative cases to date (attack rate %)	Interventions			
					Case management	Vaccination	Health promotion	WASH
Controlled epidemics								
Measles	Pibor	27/1/2020	NR	355 (0.0028)	Yes	Yes		Yes
Measles	Wau	5/1/2020	NR	39 (0.051)	Yes	Yes		Yes
Measles	Ibba	25/1/2020	NR	55 (0.36)	Yes	Yes		Yes
Rubella	Tambura	11/1/2021	NR	23 (0.13)	Yes	No		Yes
Rubella	Nagero	01/03/ 2020 ¹	NR	5 (0.25)	Yes	No		Yes
cVDPV2	25 counties	11/06/2020 18/09/2020	NA	59	Yes	Yes		Yes
Measles	Torit	8/2/2022	NR	1 (0.023)	Yes	Yes		Yes
Measles/ Rubella	Maban- Doro Camp	5/01/2022	NR	20 (0. 124)	Yes	Yes		Yes
Measles/ Rubella	Tambura	20/02/2022	NR	5 (0.4)	Yes	Yes		Yes
Rubella	Gogrial West		NR	76(0.13)	Yes	No		Yes

COVID-19 UPDATES



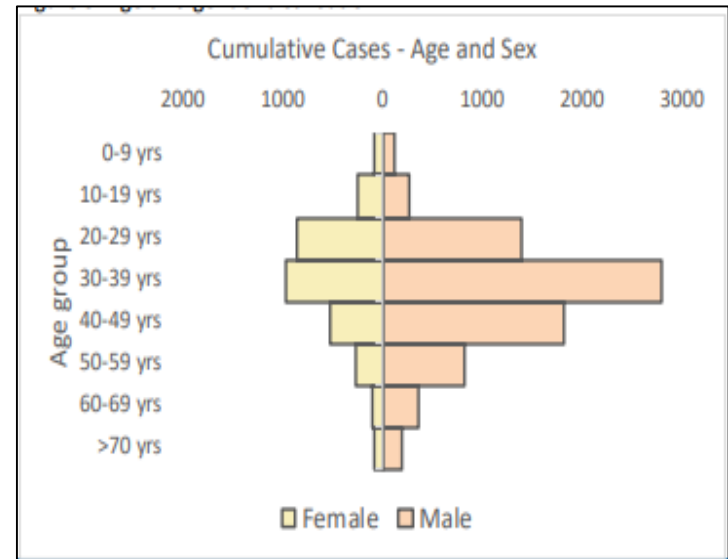
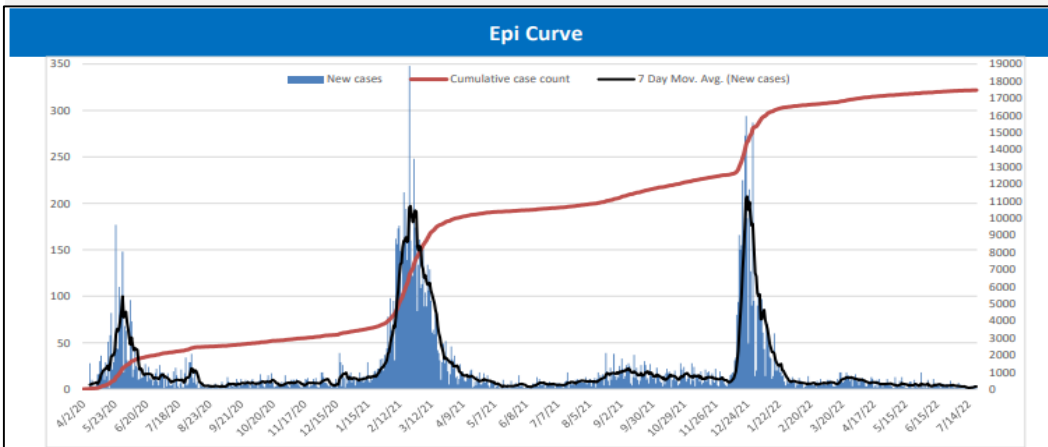
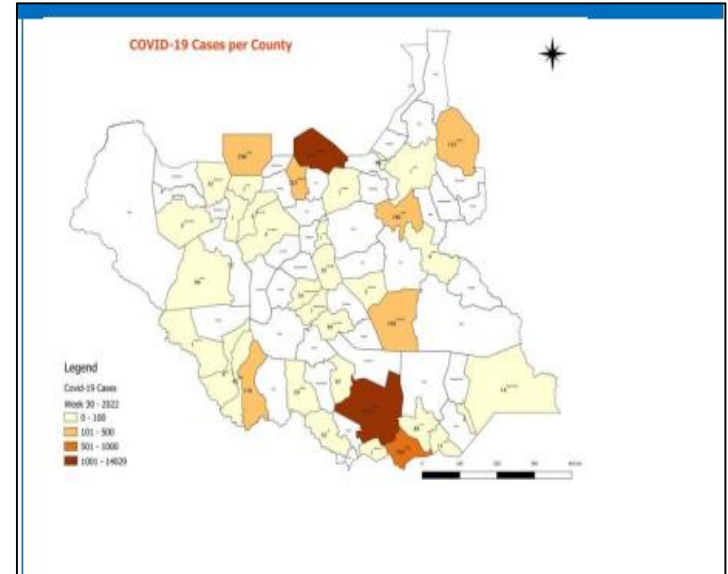
Situation update as of 15 August, 2022

- **Globally, as of 4:42pm CEST, 15 August 2022, there have been 587,396,589 confirmed cases of COVID-19, including 6,428,661 deaths, reported to WHO. As of 9 August 2022, a total of 12,355,390,461 vaccine doses have been administered.**
- **In Africa, as of 15 August 2022 there have been 9,252,492 confirmed cases of COVID-19, including 174,121 deaths reported to WHO**



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

- 17,823 confirmed cases with 138 deaths, 17,335 recoveries, and 350 active cases - 0.77% case fatality rate (CFR) - 293 healthcare workers confirmed as cases –
- 24 new confirmed cases during the week with pre-travel screening (58.3%) and alerts (41.7%) accounting for all the cases –
- 569 imported cases (0 new cases this week) mostly from South Sudanese returnees (391), Uganda (55), and Kenya (22) - 0 admitted to the Infectious Disease Unit (IDU) in Juba during the week –
- Seven-day moving averages for case count and positivity rate were 3.4 cases and 0.7% at the end of Week 31 compared to 2.7 cases and 0.6% at the end of Week 30 respectively –
- 2,395 in-bound travelers tested at JIA to date (9 tested positive, a yield of 0.4%)





**OVERALL
CONCLUSIONS AND
RECOMMENDATIONS**

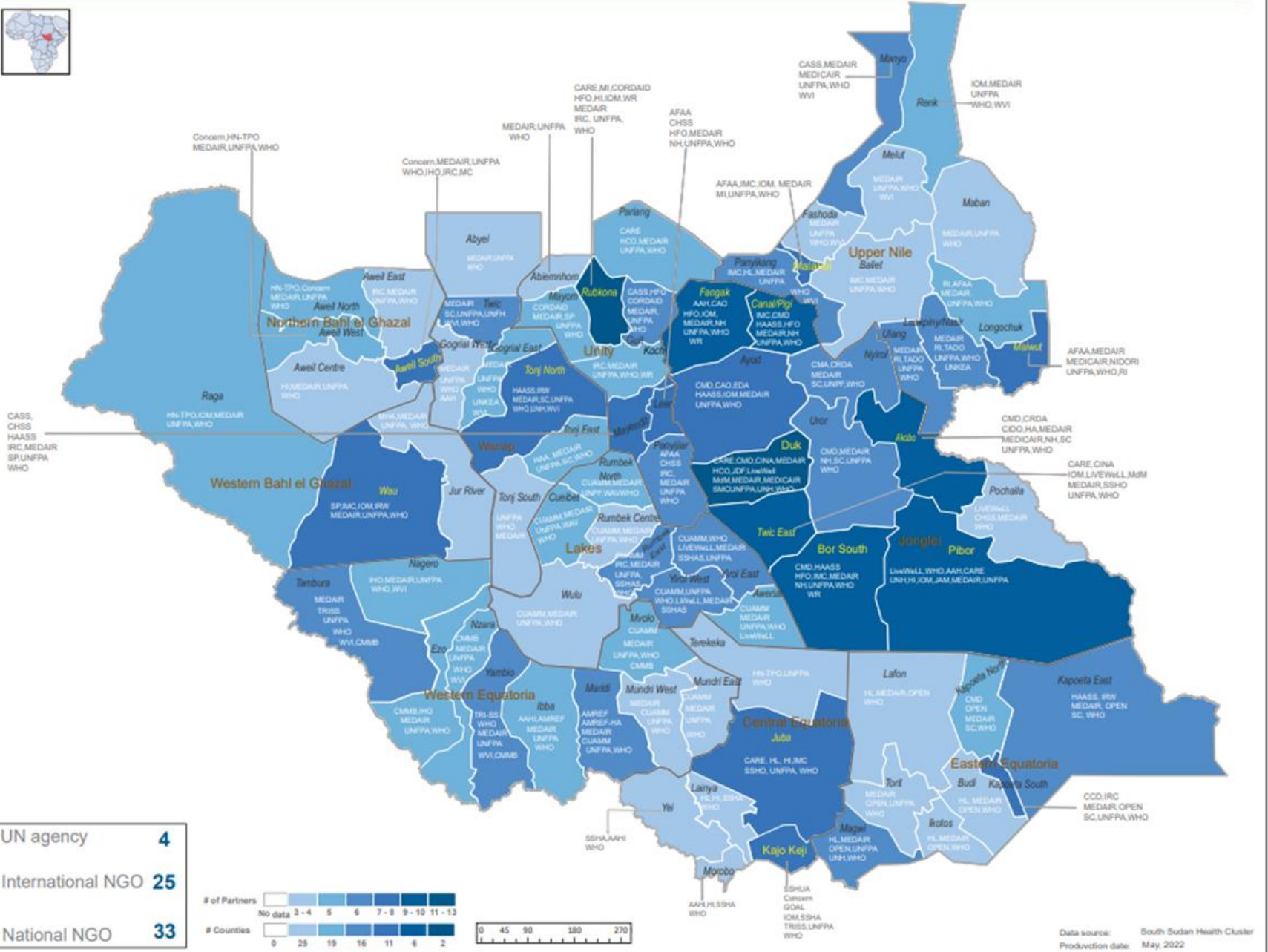
Conclusions

- The overall performance of IDSR and EWARN reporting sites in week 31, 2022 is above the target of 80%
- HEV transmission has reduced from a peak of 60 cases every fortnight by week 8, 2021 to 43 cases every fortnight by week 31, 2022
- Confirmed Measles outbreak in Juba as 6 cases tested IgM positive and response activities are underway
- Ongoing Cholera outbreak in Bentiu, Unity with 314 cases and one death CFR 0.31%
- Meningitis cases in Northern Bahr El Ghazal state with 328 suspect cases and 23 deaths (CFR 9%)

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
- Support the multicluster HEV response strategy in Bentiu IDP camp and the ongoing cholera outbreak
- Strengthen surveillance for Meningitis in NBGZ and Anthrax in Warrap states
- Enhance COVID-19 surveillance, investigate ARI/ILI/SARI cases, and optimize SARS-COV2 Ag-RDT use
- Implement the accelerated COVID-19 vaccine absorption plan to attain 70% coverage by July 2022
- Conduct reactive measles vaccination campaign in counties with confirmed outbreaks and advocate for enhanced routine immunization through PIRI

South Sudan Health Cluster HRP Partners 2022



IDSR timeliness & completeness performance at county level for week 31 and 30 of 2022 (1)



STATE	COUNTY	Number of reporting sites	No. of HF's Reported on Time in WK 31	Timeliness Percentage of WK 31	No. of HF's Reported regardless of time in WK 31	Completeness Percentage of WK 31	No. of HF's Reported regardless of time in WK 30	Completeness Percentage of WK 30
CES	Kajo Keji	28	28	100%	28	100%		25%
Lakes	Cueibet	15	15	100%	15	100%	15	100%
Lakes	Rumbek North	7	7	100%	7	100%	7	100%
Lakes	Wulu	14	14	100%	14	100%	14	100%
Lakes	Yirol West	12	12	100%	12	100%	12	100%
Lakes	Yirol East	11	11	100%	11	100%	11	100%
NBGZ	Aweil South	15	15	100%	15	100%	12	80%
NBGZ	Aweil North	15	15	100%	15	100%	15	100%
NBGZ	Aweil West	20	20	100%	20	100%	20	100%
NBGZ	Aweil Centre	13	13	100%	13	100%	13	100%
Lakes	Rumbek East	24	23	96%	24	100%	24	100%
CES	Yei	18	17	94%	17	94%	17	94%
CES	Morobo	9	8	89%	9	100%	8	89%
WBGZ	Jur River	40	33	83%	40	100%	36	90%
WBGZ	Raja	15	11	73%	11	73%	10	67%
Lakes	Awerial	7	5	71%	5	71%	7	100%
CES	Lainya	16	11	69%	11	69%	11	69%
NBGZ	Aweil East	26	17	65%	17	65%	22	85%
WBGZ	Wau	31	20	65%	24	77%	22	71%
CES	Terekeka	20	11	55%	11	55%	11	55%
CES	Juba	46	3	7%	3	7%	34	74%
Lakes	Rumbek Centre	23	0	0%	21	91%	22	96%

STATE	COUNTY	Number of reporting sites	No. of HF's Reported on Time in WK 31	Timeliness Percentage of WK 31	No. of HF's Reported regardless of time in 31	Completeness Percentage of WK 31	No. of HF's Reported regardless of time in WK 30	Completeness Percentage of WK 30
Unity	Abiemnhom	4	4	100%	4	100%	4	100%
Unity	Koch	7	7	100%	7	100%	6	86%
Unity	Pariang	12	12	100%	12	100%	11	92%
WES	Nzara	21	21	100%	21	100%	21	100%
WES	Nagero	10	10	100%	10	100%	10	100%
WES	Mundri West	21	21	100%	21	100%	21	100%
WES	Maridi	26	26	100%	26	100%	26	100%
WES	Ibba	11	11	100%	11	100%	11	100%
WES	Mundri East	19	19	100%	19	100%	19	100%
WES	Yambio	42	42	100%	42	100%	41	98%
WES	Ezo	32	32	100%	32	100%	32	100%
WES	Tambura	28	26	93%	26	93%	26	93%
Unity	Mayom	13	12	92%	13	100%	12	92%
WES	Mvolo	11	10	91%	10	91%	10	91%
Unity	Leer	16	13	81%	13	81%	12	75%
Unity	Mayendit	14	11	79%	11	79%	11	79%
Unity	Panyijiar	16	6	38%	11	69%	6	38%
Unity	Rubkona	20	7	35%	11	55%	13	65%
Unity	Guit	7	0	0%	5	71%	5	71%



IDSR timeliness & completeness performance at county level for week 31 and 30 of 2022 (2)

STATE	COUNTY	Number of reporting sites	No. of HF's Reported on Time in WK 31	Timeliness Percentage of WK 31	No. of HF's Reported regardless of time in WK 31	Completeness Percentage of WK 31	No. of HF's Reported regardless of time in WK 30	Completeness Percentage of WK 30	STATE	COUNTY	Number of reporting sites	No. of HF's Reported on Time in WK 31	Timeliness Percentage of WK 31	No. of HF's Reported regardless of time in WK 31	Completeness Percentage of WK 31	No. of HF's Reported regardless of time in WK 30	Completeness Percentage of WK 30
Jonglei	Pochalla	7	7	100%	7	100%	7	100%	Warrap	Tonj South	12	12	100%	12	100%	12	100%
Jonglei	Duk	15	15	100%	15	100%	15	100%	Upper Nile	Baliet	4	4	100%	4	100%	3	75%
Jonglei	Twic East	11	9	82%	9	82%	9	82%	Upper Nile	Panyikang	3	3	100%	3	100%	3	100%
Jonglei	Nyirol	10	8	80%	8	80%	8	80%	Upper Nile	Akoka	5	5	100%	5	100%	4	80%
EES	Kapoeta South	10	8	80%	8	80%	9	90%	Warrap	Tonj North	19	18	95%	18	95%	18	95%
EES	Lopa Lafon	18	14	78%	14	78%	14	78%	Upper Nile	Manyo	11	10	91%	10	91%	8	73%
EES	Magwi	22	17	77%	17	77%	17	77%	Warrap	Gogrial West	31	27	87%	27	87%	29	94%
Jonglei	Canal Pigi	12	9	75%	9	75%	10	83%	Warrap	Tonj East	12	10	83%	10	83%	12	100%
Jonglei	Fangak	19	14	74%	14	74%	15	79%	Warrap	Twic	26	17	65%	17	65%	21	81%
Jonglei	Pibor	7	5	71%	5	71%	6	86%	Upper Nile	Makal	7	4	57%	7	100%	4	57%
EES	Torit	20	13	65%	14	70%	11	55%	Warrap	Abyei	9	5	56%	5	56%	3	33%
EES	Ikotos	27	17	63%	20	74%	18	67%	Warrap	Gogrial East	15	8	53%	8	53%	8	53%
EES	Kapoeta North	16	10	63%	10	63%	8	50%	Upper Nile	Luakpiny Nasir	12	3	25%	3	25%	8	67%
Jonglei	Bor	35	21	60%	21	60%	21	60%	Upper Nile	Melut	8	2	25%	2	25%	5	63%
EES	Kapoeta East	12	7	58%	7	58%	7	58%	Upper Nile	Fashoda	16	3	19%	6	38%	8	50%
EES	Budi	21	6	29%	12	57%	12	57%	Upper Nile	Renk	11	2	18%	2	18%	0	0%
Jonglei	Ayod	15	3	20%	3	20%	13	87%	Upper Nile	Maban	17	3	18%	6	35%	10	59%
Jonglei	Akobo	14	2	14%	2	14%	4	29%	Upper Nile	Ulang	14	2	14%	2	14%	1	7%
Jonglei	Uror	8	0	0%	1	13%	1	13%	Upper Nile	Maiwut	5	0	0%	3	60%	0	0%
									Upper Nile	Longechuk	9	0	0%	5	56%	9	100%

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>

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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>

