

# South Sudan

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

**Epidemiological Bulletin Week 31 of 2020 (July 27- August 02)**





- In week 31, 2020 IDSR reporting completeness was 95% and timeliness was 77% at health facility level. EWARN reporting completeness and timeliness were 69%
- Of the 79 alerts in week 31, 2020; 89% were verified 1% were risk assessed and 0% required a response. Malaria (3), AWD (21), ARI (1), measles (0) and bloody diarrhea (12) were the most frequent alerts in week 31, 2020
- Malaria remains the top cause of morbidity and accounted for 79,739 cases (62.6% of OPD cases)
- One suspect yellow fever case has been investigated in Magwi county.
- A total of 885 COVID-19 alerts have been investigated with 740 (83.6%) being verified. Total of 2470 COVID-19 confirmed cases and 47 deaths, CFR of 1.9%



# SURVEILLANCE PERFORMANCE



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



# IDSR timeliness & completeness performance at county level for week 31 of 2020



Completeness States Ranking	States	Supporting Partners	Total No. of Functional Health Facilities in the State	No. of HFs Reported on Time	Timeliness Percentage	No. of HFs Reported regardless of Time	Completeness Percentage
1st	Lakes	Doctors with Africa (CUAMM), LIVEWELL	113	75	66%	113	100%
2nd	WES	AMREF, World Vision, CUAMM, CDTY, OPEN	213	212	100%	212	100%
3rd	Warrap	GOAL, CCM, WVI, Malaria Consortium, UNKEA, Save the Children, MSF	119	97	82%	118	99%
4th	CES	HLSS, SSUHA, Healthnet TPO, IHO, GOAL, TRI-SS, THESO	118	110	93%	114	97%
5th	NBGZ	Malaria Consortium, Healthnet TPO, IRC, CEDS, IHO	130	83	64%	125	96%
6th	WBGZ	Cordaid, Healthnet TPO, CARE International, IOM	75	57	76%	71	95%
7th	EES	Cordaid, HLSS, CCM	142	92	65%	135	95%
8th	Upper Nile	Cordaid, WVI, RI, IMC, NIDO, UNKEA, MC, SSAID	119	88	74%	108	91%
9th	Unity	Cordaid, UNIDOR, IRC, CHADO, CARE International, CRADA, CASS	88	77	88%	78	89%
10th	Jonglei	Nile Hope, MDM, JDF, Livewell, CMD, HFO, EDA, CRADA, Malaria Consortium, CMA	102	49	48%	80	78%
	<b>South Sudan</b>		<b>1219</b>	<b>940</b>	<b>77%</b>	<b>1154</b>	<b>95%</b>

## KEY

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

The timeliness of IDSR reporting (supported by EWARS mobile) at health facility level was 77% and completeness was 95%. All states except Jonglei were above the target of 80% with highest reporting rate in Lakes and WES with completeness of 100%.

# IDSR timeliness & completeness performance at county level for week 31 of 2020 (1)



STATE	COUNTY	SUPPORTING PARTNER	Total No. of Functional Health Facilities in the County	No. of HFs Reported on Time	Timeliness Percentage	No. of HFs Reported regardless of time	Completeness Percentage
Lakes	Yirol West	Doctors with Africa (CUAMM)	12	12	100%	12	100%
CES	Juba	HLSS	46	46	100%	46	100%
Lakes	Cueibet	Doctors with Africa (CUAMM)	15	15	100%	15	100%
Lakes	Rumbek North	Doctors with Africa (CUAMM)	7	7	100%	7	100%
Lakes	Wulu	Doctors with Africa (CUAMM)	14	14	100%	14	100%
Lakes	Awerial	Doctors with Africa (CUAMM)	7	7	100%	7	100%
NBGZ	Aweil South	Malaria Consortium(MC),IHO	9	9	100%	9	100%
NBGZ	Aweil North	HealthNetTPO,IHO	33	33	100%	33	100%
CES	Kajo Keji	SSUHA,GOAL,TRI-SS	16	16	100%	16	100%
CES	Terekeka	HealthNetTPO	20	20	100%	20	100%
Lakes	Rumbek Centre	Doctors with Africa (CUAMM)	23	22	96%	23	100%
Lakes	Rumbek East	Doctors with Africa (CUAMM)	24	22	92%	24	100%
WBGZ	Jur River	Cordaid	35	31	89%	35	100%
Lakes	Yirol East	Doctors with Africa (CUAMM),LIVEWELL	11	8	73%	11	100%
WBGZ	Raja	HealthNetTPO	12	5	42%	12	100%
CES	Yei	SSUHA	17	16	94%	16	94%
NBGZ	Aweil Centre	Malaria Consortium(MC)	15	14	93%	14	93%
NBGZ	Aweil West	HealthNetTPO	37	26	70%	35	95%
NBGZ	Aweil East	IRC,TADO	36	33	92%	34	94%
CES	Morobo	SSUHA,THESO	6	5	83%	5	83%
WBGZ	Wau	Cordaid	28	23	82%	24	86%
CES	Lainya	SSUHA	14	11	79%	11	79%

STATE	COUNTY	SUPPORTING PARTNER	Total No. of Functional Health Facilities in the County	No. of HFs Reported on Time	Timeliness Percentage	No. of HFs Reported regardless of time	Completeness Percentage
Unity	Abiemnhom	Cordaid	4	4	100%	4	100%
Unity	Rubkona	Cordaid, IRC, IOM, MSF	14	14	100%	14	100%
Unity	Mayendit	CASS	12	12	100%	12	100%
WES	Nzara	World Vision International	20	20	100%	20	100%
WES	Nagero	World Vision International	10	10	100%	10	100%
WES	Mundri West	CUAMM	21	21	100%	21	100%
WES	Maridi	AMREF	26	26	100%	26	100%
WES	lbba	AMREF	11	11	100%	11	100%
WES	Mundri East	CUAMM	19	19	100%	19	100%
WES	Yambio	World Vision International	42	42	100%	42	100%
WES	Ezo	World Vision International	27	27	100%	27	100%
WES	Mvolo	CUAMM	11	11	100%	11	100%
Unity	Panyijar	IRC	15	14	93%	15	100%
Unity	Mayom	CASS	9	8	89%	9	100%
WES	Tambura	World Vision International	26	25	96%	25	96%
Unity	Pariang	CARE International	11	5	45%	10	91%
Unity	Guit	CHADO	7	0	0%	6	86%
Unity	Koch	CRADA,IRC	4	3	75%	3	75%
Unity	Leer	UNIDOR	11	1	9%	5	45%

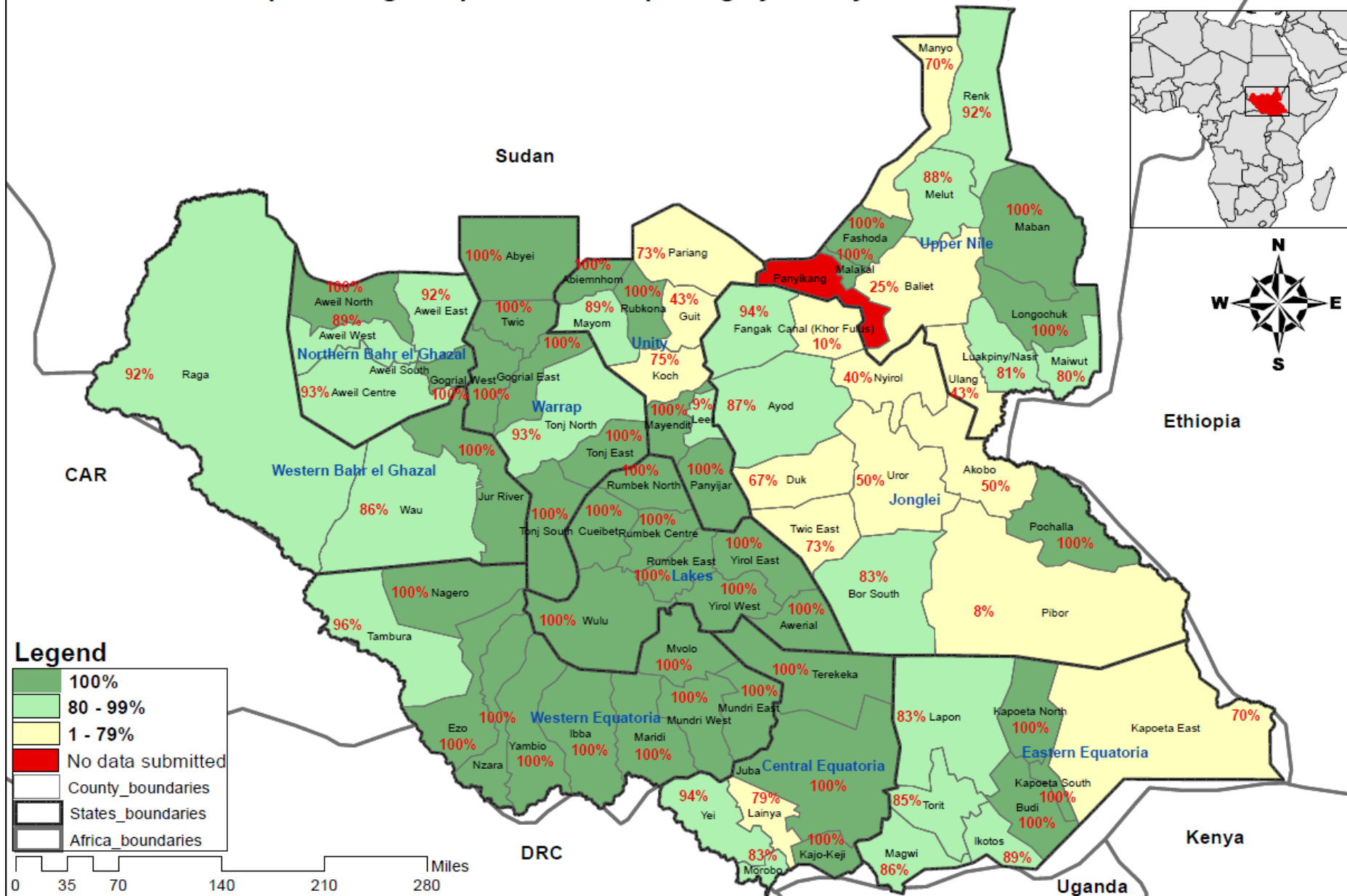
# IDSR timeliness & completeness performance at county level for week 31 of 2020 (2)



STATE	COUNTY	SUPPORTING PARTNER	Total No. of Functional Health Facilities in the County	No. of HFs Reported on Time	Timeliness Percentage	No. of HFs Reported regardless of time	Completeness Percentage
Jonglei	Pochalla	LIVWELL	7	7	100%	7	100%
EES	Kapoeta North	CCM	15	15	100%	15	100%
EES	Kapoeta South	CCM	10	9	90%	10	100%
EES	Ikotos	HLSS	27	20	74%	27	100%
EES	Budi	Cordaid	21	12	57%	21	100%
Jonglei	Nyirrol	CMA Malaria Consortium	10	4	40%	10	100%
EES	Magwi	HLSS	21	18	86%	19	90%
Jonglei	Fangak	CMD,HFO	16	13	81%	13	81%
EES	Torit	Cordaid	20	16	80%	17	85%
Jonglei	Ayod	CMD,EDA	15	12	80%	12	80%
EES	Lopa Lafon	HLSS	18	14	78%	15	83%
Jonglei	Bor	MDM + JDF	35	24	69%	29	83%
Jonglei	Twic East	MDM + JDF	11	3	27%	8	73%
Jonglei	Duk	MDM + JDF	15	10	67%	10	67%
EES	Kapoeta East	CCM	10	4	40%	6	60%
Jonglei	Akobo	NILE HOPE	8	4	50%	4	50%
Jonglei	Uror	Nile Hope,Malaria Consortium	8	4	50%	4	50%
Jonglei	Pibor	LIVWELL,CRADA	3	1	33%	1	33%
Jonglei	Canal Pigji	IMC	10	1	10%	1	10%

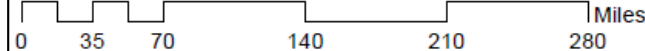
STATE	COUNTY	SUPPORTING PARTNER	Total No. of Functional Health Facilities in the County	No. of HFs Reported on Time	Timeliness Percentage	No. of HFs Reported regardless of time	Completeness Percentage
Warrap	Gogrial East	GOAL	15	15	100%	15	100%
Warrap	Tonj East	CCM	12	12	100%	12	100%
Warrap	Twic	GOAL	25	25	100%	25	100%
Warrap	Tonj South	CCM	12	12	100%	12	100%
Upper Nile	Maban	WVI + RI	17	17	100%	17	100%
Upper Nile	Fashoda	CORDAID	13	13	100%	13	100%
Warrap	Gogrial West	GOAL	31	30	97%	31	100%
Upper Nile	Longechuk	RI	9	8	89%	9	100%
Warrap	Abyei	AAA Save the Children,MSF	10	7	70%	10	100%
Upper Nile	Melut	WVI + RI	8	5	63%	8	100%
Upper Nile	Akoka	IMC	5	3	60%	5	100%
Upper Nile	Panyikang	IMC	4	0	0%	4	100%
Warrap	Tonj North	CCM	14	13	93%	13	93%
Upper Nile	Renk	WVI + RI	13	12	92%	12	92%
Upper Nile	Maiwut	RI	5	4	80%	4	80%
Upper Nile	Luakpiny Nasir	UNKEA,RI	16	12	75%	15	94%
Upper Nile	Manyo	CORDAID	10	7	70%	8	80%
Upper Nile	Makal	IMC	7	4	57%	6	86%
Upper Nile	Baliet	IMC	4	0	0%	2	50%
Upper Nile	Ulang	UNKEA,RI	15	6	40%	4	27%

Map showing completeness of reporting by county in week 31, 2020.



**Legend**

- 100%
- 80 - 99%
- 1 - 79%
- No data submitted
- County\_boundaries
- States\_boundaries
- Africa\_boundaries



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# Surveillance: EWARS performance indicator by partner for week 31 of 2020

Partner	HF's	Reporting		Performance	
PARTER	# OF SITES	# of reports received on Time	No. of HF's Reported regardless of time	Timeliness	Completeness
Medair	2	2	2	100%	100%
World Relief	2	2	2	100%	100%
CMD	1	1	1	100%	100%
IRC	1	1	1	100%	100%
THESO	1	1	1	100%	100%
GOAL	2	2	2	100%	100%
TRI-SS	2	2	2	100%	100%
HFO	1	1	1	100%	100%
IMC	6	6	6	100%	100%
MSF-E	6	6	6	100%	100%
RHS	1	1	1	100%	100%
IOM	12	9	9	75%	75%
IMA	9	6	6	67%	67%
MDM	10	6	6	60%	60%
MSF-H	5	3	3	60%	60%
SMC	6	0	0	0%	0%
UNIDOR	2	0	0	0%	0%
UNH	2	0	0	0%	0%
<b>TOTAL</b>	<b>71</b>	<b>49</b>	<b>49</b>	<b>69%</b>	<b>69%</b>

Both Completeness and timeliness were 69% for weekly reporting in week 31, 2020 for partner-supported clinics serving IDP sites.



# EVENT-BASED SURVEILLANCE



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



Alert by disease and hubs in week 31 of 2020 [ a total of 76 events specific alerts generated by state



State	Acute Respiratory Infections (ARI)	Acute Watery Diarrhoea	Bloody Diarrhoea	Malaria (Confirmed)	PoE COVID EVD	Covid-19	Total alerts
CES		1	1				2
EES		3	6	5	1		15
Upper Nile	4	1	3	3			11
Warrap		4				1	5
WBGZ		3	2	3	1	1	10
WES	4	9		20			33
<b>Total alerts</b>	<b>8</b>	<b>21</b>	<b>12</b>	<b>31</b>	<b>2</b>	<b>2</b>	<b>76</b>

**During this week:**

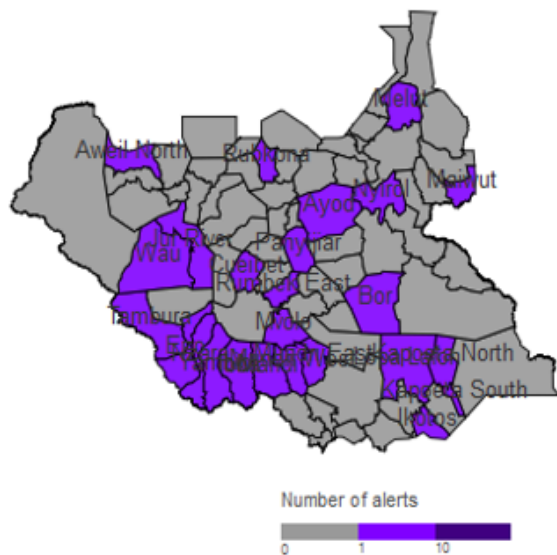
- 8 ARI alert: 1 undergoing verification 8 under monitoring
- 21 AWD alert: 3 undergoing verification, 18 are under monitoring
- 12 ABD: 4 are undergoing verification and 8 are under Monitoring
- 31 Malaria alerts: 5 are undergoing verification and 26 under monitoring
- 2 PoE COVID EVD alert: both were investigated and sample collected for testing.
- 2 COVID-19 alert: Sample collected for testing and they are under monitoring.



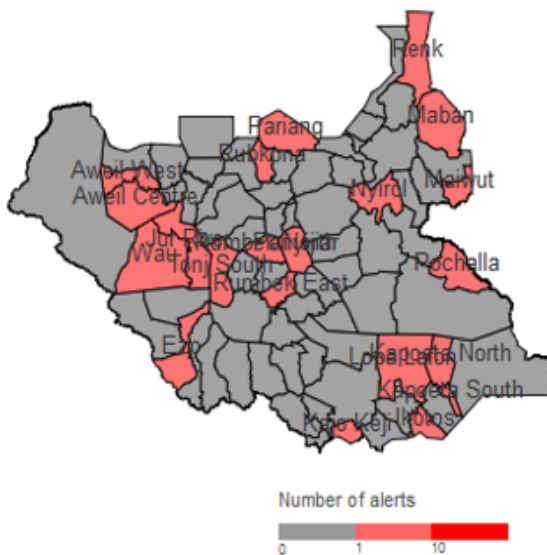
# Alert: Map of key disease alerts by county of week 31 of 2020



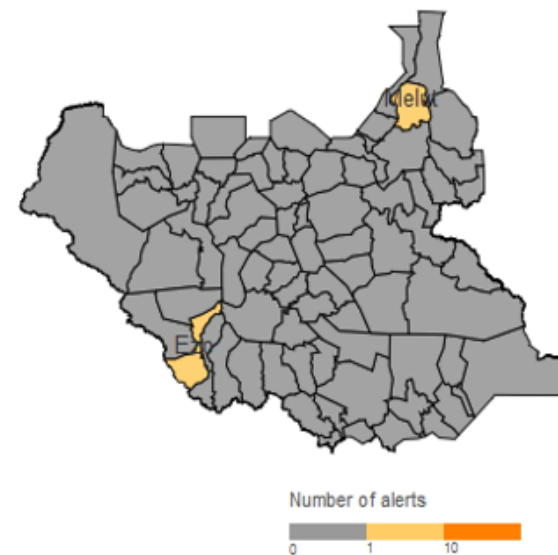
Map 2a | Malaria (W31 2020)



Map 2b | Bloody diarrhoea (W31 2020)



Map 2c | Measles (W31 2020)



W31	Cumulative (2020)	
0	11	Low risk
4	4	Medium risk
0	27	High risk
0	54	Very high risk
89%	77%	% verified
0%	0%	% auto-discarded
0%	1%	% risk assessed
0%	1%	% requiring a response

# SUSPECTED OUTBREAKS



Major suspected outbreaks in South Sudan in  
2020





## Suspect yellow fever cases, Magwi county, week 31, 2020

### Description

A suspect yellow fever case was detected on 2 July 2020 and investigated on the 3 July 2020. The case involved a 46-year-old male that presented with fever, headache, general body weakness, and yellowing of the eyes. He reported no history of yellow fever vaccination and no reports of similar cases at home or in the neighborhood.

### Public health response

- Initial investigations conducted and samples obtained were shipped to Juba and eventually to Uganda Virus Research Institute (UVRI) for testing
- Extended follow up epidemiological and laboratory investigations to the index case village is planned by the national and state rapid response teams.

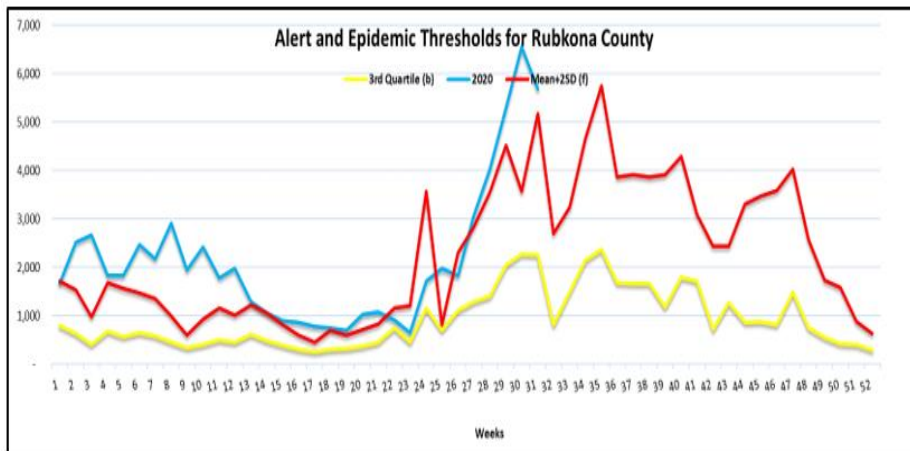


Malaria was the leading cause of morbidity and mortality, accounting for **62.6%** of all morbidities and **74.8%** of all mortalities in week 31, 2020

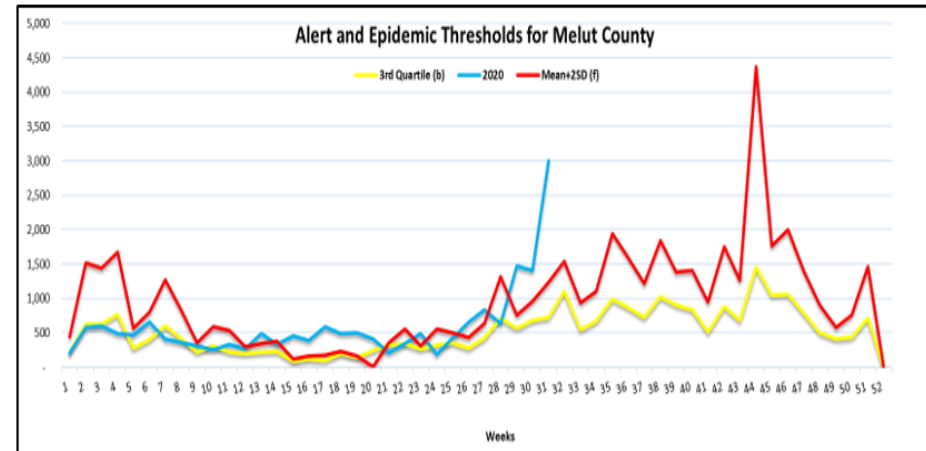
There were three (3) counties with malaria trends that exceeded the threshold (third quartile of trends for the period 2013-2017) and these include the following: Kwajok hub (Tonj North); Bentiu hub (Rubkona); and Malakal hub (Melut)

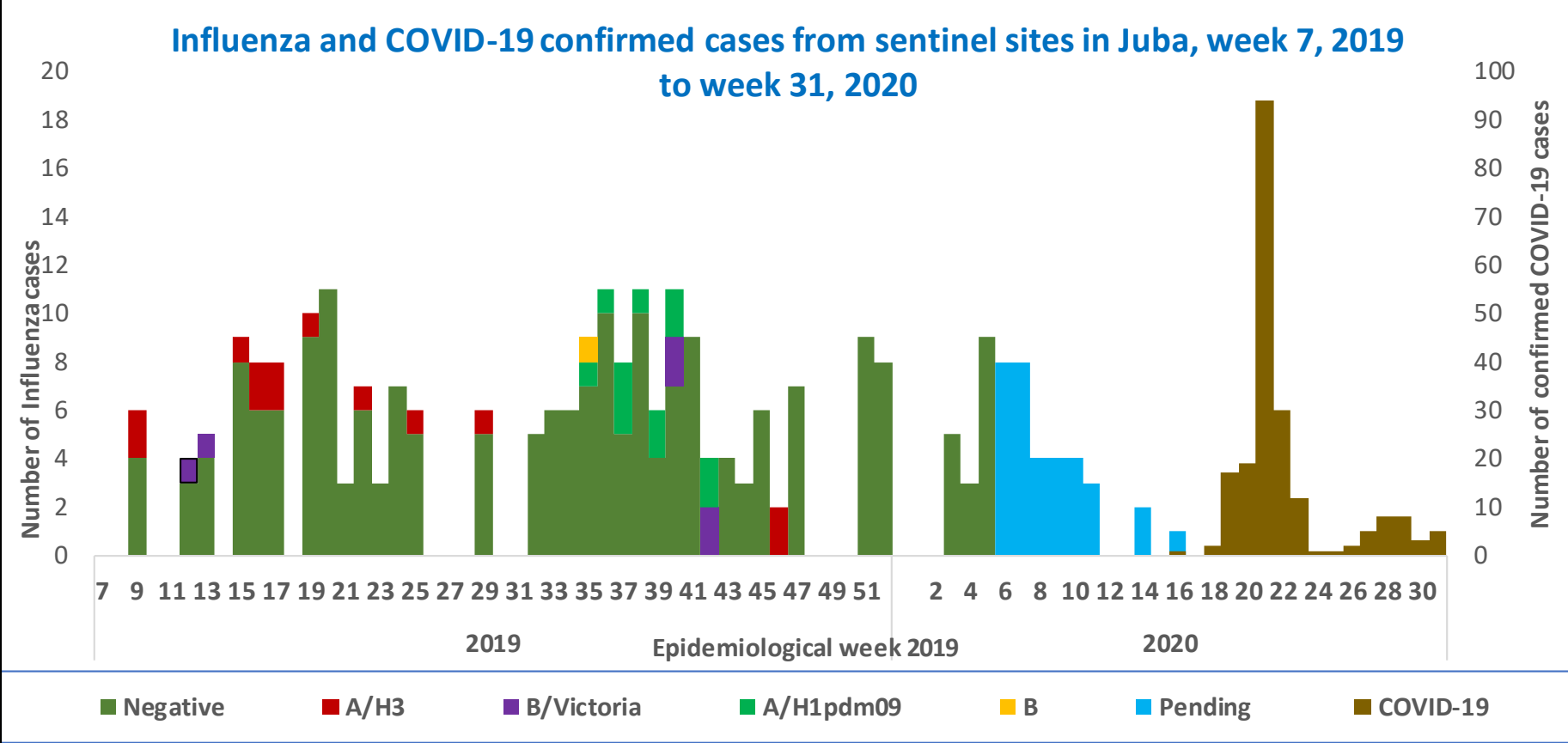
In the PoC sites; malaria is the top cause of morbidity in Bentiu (59%); Juba (50%), and Bor (37%). In Wau and Malakal PoCs, malaria accounts for 26% and 5% of OPD consultations, respectively.

Rubkona.



Melut.





- In week 7, 2019, South Sudan started case-based surveillance for Influenza Like Illness (ILI) and Severe Acute Respiratory Infection (SARI) cases through systematic collection of epidemiological and virological information.
- In 2019, a total of 309 ILI/SARI samples were collected and tested in UVRI 228 being negative; 6 positive for Influenza B (Victoria); 13 positive for Influenza A (H3); and 12 positive for Influenza A (H1)pdm09 and (50) samples are pending test results .
- There are currently 20 Covid-19 designated sentinel surveillance sites in Juba that are collecting epidemiological data and samples from ILI/SARI cases. A total of 2968 samples have been collected in 2020 with 206 (6.9%) being positive for COVID-19 in Juba. These sentinel samples have not been tested for influenza in 2020

# ACTIVE OUTBREAKS AND PUBLIC HEALTH EVENTS

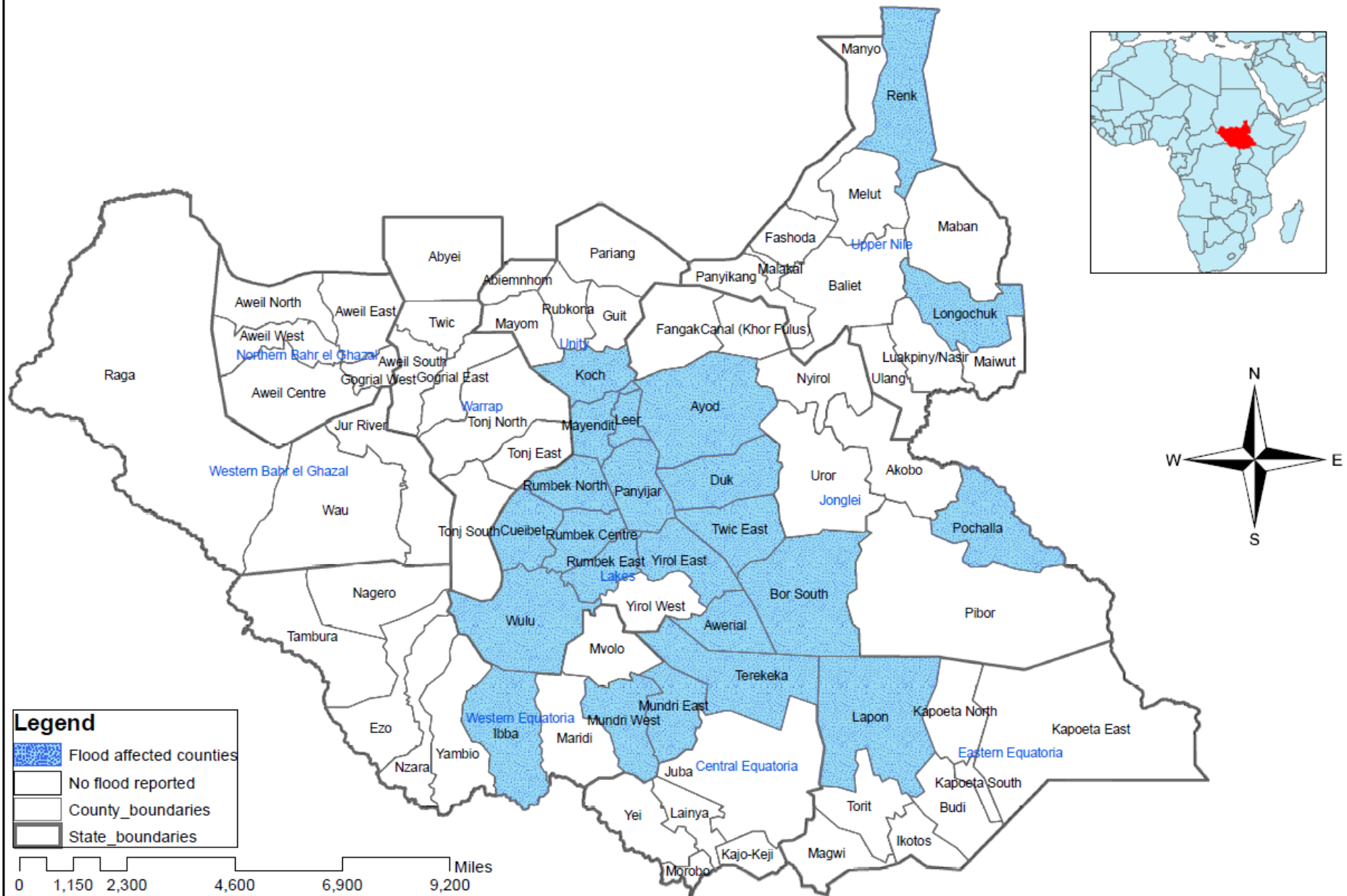


Brief epidemiological description and public health response for active outbreaks and public health events





**Map showing the flood affected counties in south sudan July - August, 2020.**



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.



## Flooding, South Sudan, week 31, 2020

### Description

With the prediction of more than expected rains during the rainy season of 2020, an increasing number of locations continue to be affected by floods since July 2020. Over 600,000 people in 24 counties have been displaced by floods resulting from heavy rains and overflowing rivers after their banks and dykes gave way. Health facilities are flooded or cannot be accessed by populations in some locations and access to safe water is constrained with the risk of waterborne diseases in affected locations.

### Public health response

- The Government, supported by partners have undertaken initial rapid needs assessments to identify and support with the the emergency humanitarian needs
- Emergency medicines have been deployed to Bor, Pibor, and lakes, where most of the affected populations have been reported.
- A Ministry of health and WHO rapid response teams have been deployed to support emergency health needs assessments and provision of essential health services to the displaced population through mobile health and vaccination clinics.





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
<b>Ongoing epidemics</b>								
Hepatitis E	Bentiu PoC	03/01/2018	6	375 (0.016)	Yes	No	Yes	Yes
Measles	Bentiu PoC	24/04/2019	NR	482 (0.006)	Yes	Yes	Yes	N/A





- Measles outbreaks confirmed in 2020
  - 6 counties – Tonj East, Magwi, Bor, Kapoeta East, Tonj South and Wau
  - Locations with ongoing measles transmission
    - Bentiu PoC
  
  - **No new confirmed measles cases**



# Measles Outbreak situation & response by county as of week 31, 2020

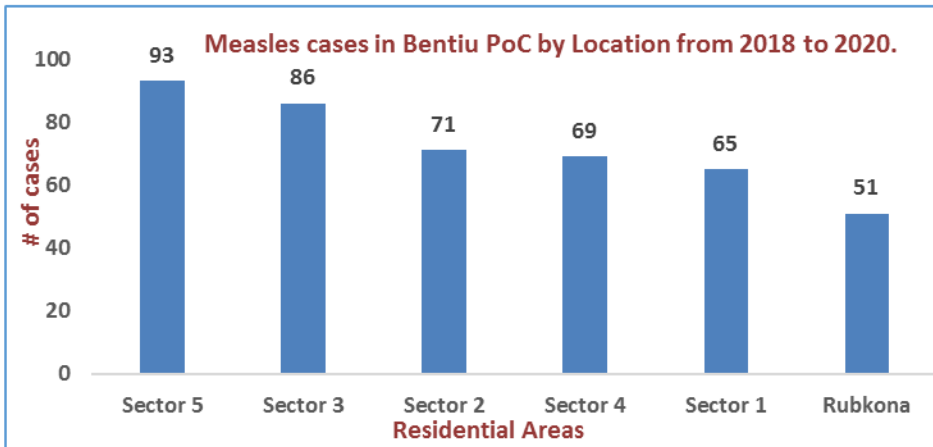
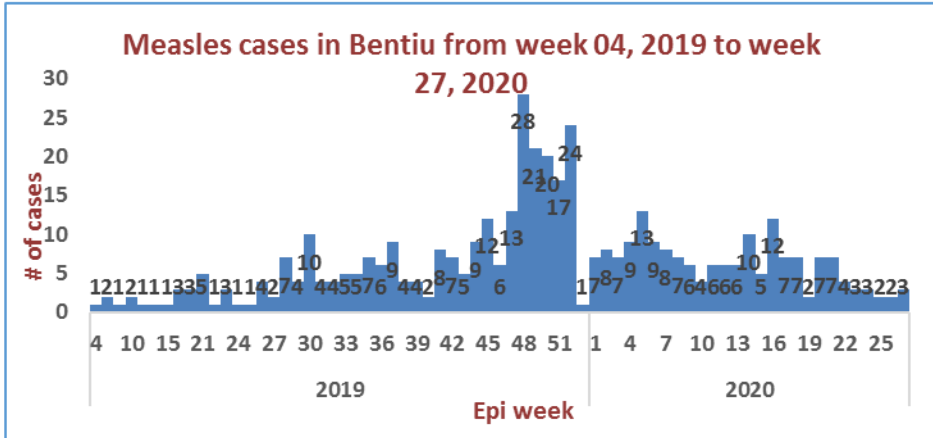


S/N	County	Population	Confirmed cases	Probable cases	Total cases	Cases per 100,000	Total deaths	CFR %	Date first reported	Emergency Campaign	Admin Coverage	Implementing Partner	Status	Comments
1	Tonj East	183,233	13	48	61	33.3	0	0	12-Dec-19	Mass Campaign	Pending result	Mass Campaign	controlled	Mass Campaign Completed
2	Magwi	272,880	5	5	10	3.7	0	0	19-Sep-19	Mass Campaign	Pending result	Mass Campaign	controlled	Mass Campaign Completed
3	Bor	320,956	7	7	14	4.36	0	0	17-Jan-19	Mass Campaign	115.60%	Mass Campaign	controlled	Mass Campaign Completed
4	Kapoeta East	262,720	6	10	16	6.1	0	0	18-Jan-20	Reactive Campaign (Jebel Boma)	Reactive Campaign to start on 26 Feb 2020	IRC	active	Reactive Campaign completed in March 2020
5	Aweil East	519,537	16	469	694	127.8	0	0	02-Jan-20				active	Reactive campaign started on 22 June 2020
6	Bentiu Poc	115,479			455	83	2	2	01-Jan-19	Reactive campaign	126%	IOM	Active	Reactive campaign 20 Jan 2020
7	Wau	271,975	3	0	22	8.1	0	0	14-Jan-20	Enhanced routine immunization	N/A		Active	Enhanced surveillance
<b>Total</b>		<b>1,427,243</b>	<b>50</b>	<b>539</b>	<b>1272</b>	<b>266.36</b>	<b>2</b>	<b>0.23</b>						





## Confirmed Measles Outbreak in Bentiu PoC



Age Group	Cases	Percentage	Cum. %
0 - 4 Years	456	95%	95%
5 - 9 Years	14	3%	98%
10 - 14 Years	8	2%	99%
15+ Years	4	1%	100%
<b>Grand Total</b>	<b>482</b>	<b>100%</b>	

**Epidemiological description**

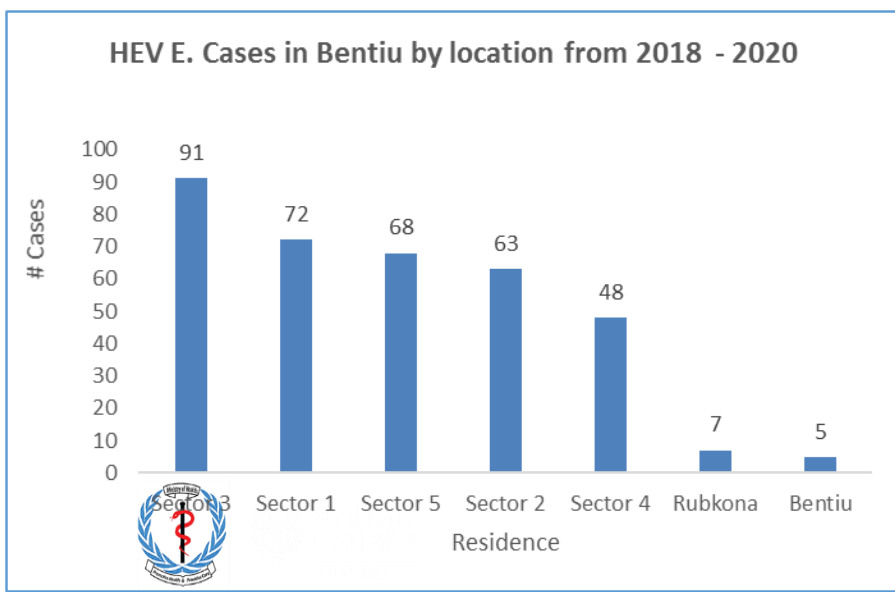
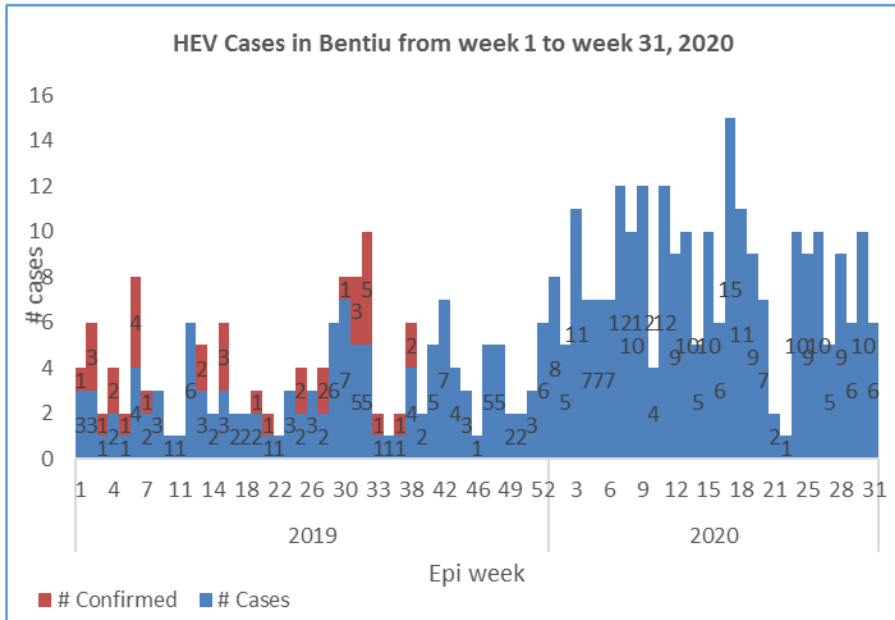
- Bentiu PoC has been reporting suspected measles/rubella cases since week 4 of 2019.
- 3 new cases reported in week 26, 2020
- At least 482 measles cases including 1 death (CFR 0.002%) reported since then.
- Cumulatively, 36 tested cases have tested measles IgM positive while 15 tested rubella IgM positive.
- 47% of cases are female and 53% are male
- 95% are under 5 yrs old, 5% are 5 yrs old and above
- Cases have been reported from inside and outside the PoC with most of the cases originating from the PoC (most cases from sector 5 but generally all the sectors are affected).

**Response actions**

- Several rounds of reactive campaigns were conducted in Bentiu IOM:
  - IOM completed a reactive campaign in Bentiu POC on 31 May 2019, with 21,285 children 6-59 months and coverage of 126% receiving measles vaccination. PCE was done by MoH & WHO, coverage was 74.6%.
  - Another campaign was conducted by SMOH, IOM and partners which was completed during the week of 20th January 2020 with coverage of 126%.
  - Partners to strengthen routine immunization to continue to collect samples from suspect cases.
  - Measles case management to continue



## Hepatitis E, Bentiu PoC (1)



**Descriptive epidemiology**

- The persistent transmission of HEV in Bentiu PoC continues with 375 cases since beginning of 2019
- There were (6) new cases reported in week 31, 2020
- All the cases were managed as outpatient cases except for seven cases who were admitted
- Two deaths one on 12th, April 2019 and the second on 11th July 2019
- 50% are female and 50% are male.
- Age group less than 15 years had the most cases with (75%) cases.
- At risk of adverse outcomes when infected in the 3rd trimester of pregnancy
- Use of unsafe drinking water likely to be source of infection
- Up to week 29, 2020; there were 375 cases of HEV in Bentiu PoC including 4 deaths (CFR 1.1%)

Age-Group	Alive	Dead	Grand Total	Percentage	CFR	Cum. %2
1 - 4 Years	116	0	116	31%	0%	31%
10 - 14 Years	59	0	59	16%	0%	47%
15+ Years	89	3	92	25%	3%	71%
5 - 9 Years	106	2	108	29%	2%	100%
<b>Grand Total</b>	<b>370</b>	<b>5</b>	<b>375</b>	<b>100%</b>	<b>0.01</b>	

## Recommendations

- Supportive case management guided by the HEV protocol is ongoing
- KEV messages on HEV prevention should continue within the community through HPs, CHWs and Kondial Radio
- With current COVID -19 Pandemic Outbreak, WASH partners to increase the coverage of hand washing facilities within the PoCs community.
- Other Wash intervention like increasing the access for clean water and improving the water storage in the affected individuals should be made urgently by distributing the water storage containers that will be the only way to mitigate this problem and stop the HEV outbreak.
- The WASH Cluster/HEV task force should engage in group discussion with Community leaders and woman group at water distribution points to understand their opinions on issue of Collapsing Jerrycans distribution.
- Monitoring the FRC levels at the taps stands in the different sectors, and the concentration of chlorination should maintain at 0.5-1mg/L as the point of collection







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
<b>Controlled epidemics</b>								
Measles	Juba	21/11/2019	NR	6( 0.1667)	Yes	No	Yes	N/A
Measles	Tonj East	12/12/2019	NR	61(0.98)	yes	Yes	Yes	N/A
Measles	Bor	17/01/2020	NR	14(0.214)	yes	No	yes	N/A
Measles	Jebel Boma	10/12/2019	NR	96(0.063)	yes	No	Yes	N/A
Measles	Kapoeta East	18/01/2020	NR	16(0.625)	yes	No	Yes	N/A
Measles	Aweil East	29/12/2019	NR	664 (0.127)	Yes		No	Yes



# EBOLA VIRUS DISEASE[EVD] PREPAREDNESS IN SOUTH SUDAN



Brief on the Ebola situation in DR Congo and updates on EVD preparedness in South Sudan



# EVD DRC Update 5<sup>th</sup> August in Equateur Province

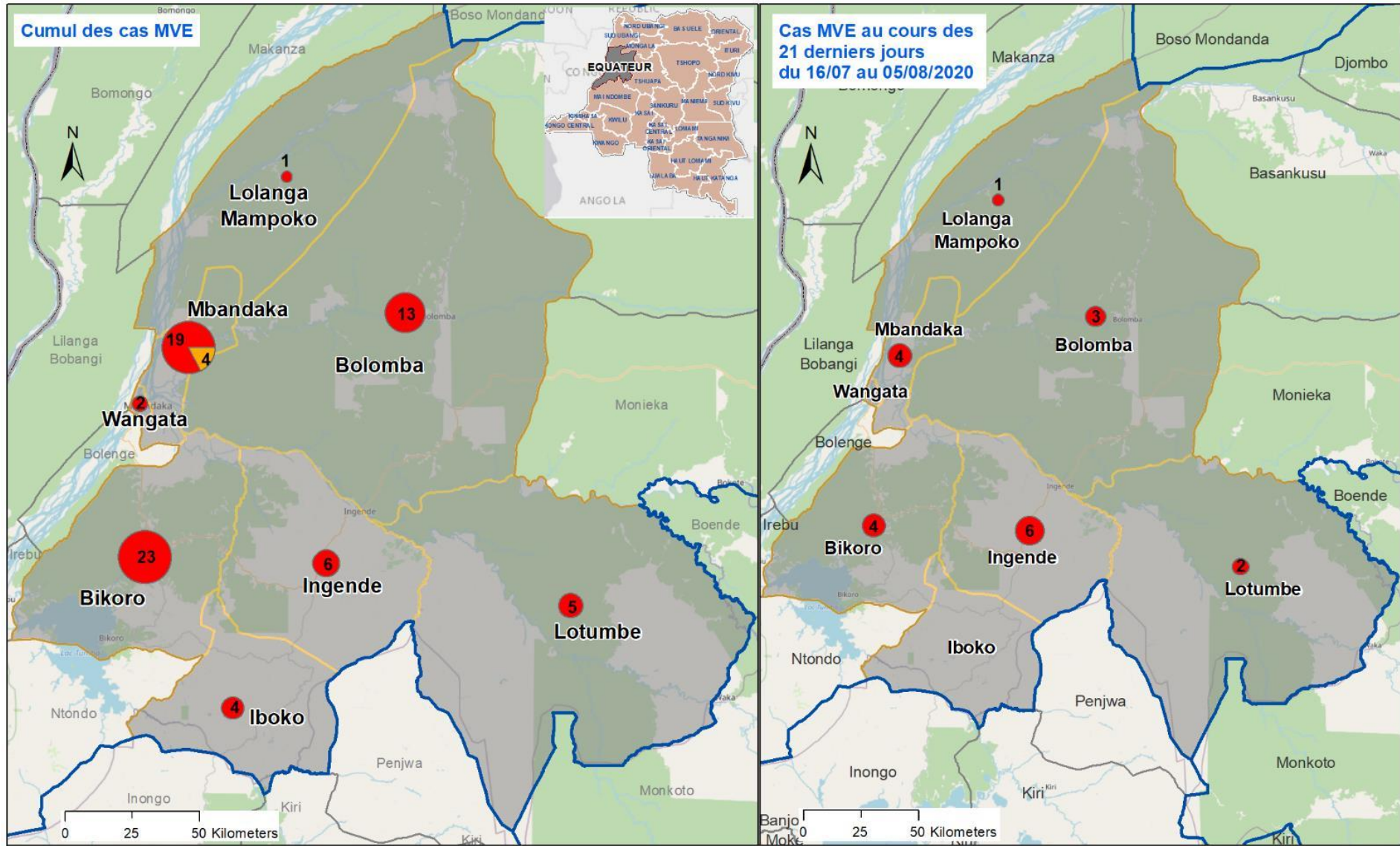
## Summary of features

- 77 cases reported (73 confirmed, 4 probable)
- 33 deaths (42.9%)
- 29 recoveries
- 2 health centres affected across 2 Z
- 19,964 vaccinated
- **once again, no epidemiological indicators in post 21 days**
  - continued substantial number of deaths reported
  - 7/19 (37%) cases died in the community
  - 5/7 (71%) with no history
  - died, on day to isolation >5 days
  - > 2200 contacts entered in the high risk period

## Highlights for 5<sup>th</sup> August 2020

- 3 new cases confirmed – **naende (2)**, **ikoro (1)**. 1 death:
- The 2 cases in **naende** were listed as follow up cases. 1 was vaccinated:
- **case in ikoro was a community death** who had visited the home of a confirmed case when ill:
- **one new deaths** among confirmed cases under treatment in **T**:
- 1 new recovery in **bondoko**;
- 97.5% contacts followed in the post 24 hours:
- 95.4% **contacts investigated** in the post 24 hours.

# Distribution of confirmed and probable cases of Ebola virus disease in Equateur province, as of 5 Aug, 2020 (n = 77)



# COVID-19 Updates





Situation update as of 7<sup>th</sup> August 2020

## Situation in numbers (by WHO Region)

Total (new cases in last 24 hours)

<b>Globally</b>	18 902 735 cases (278 291)	709 511 deaths (6 815)
<b>Africa</b>	860 507 cases (12 454)	15 652 deaths (400)
<b>Americas</b>	10 135 322 cases (154 118)	376 606 deaths (4 598)
<b>Eastern Mediterranean</b>	1 610 798 cases (12 412)	42 403 deaths (353)
<b>Europe</b>	3 513 219 cases (25 473)	215 640 deaths (416)
<b>South-East Asia</b>	2 428 584 cases (67 863)	50 571 deaths (999)
<b>Western Pacific</b>	353 564 cases (5 971)	8 626 deaths (49)

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





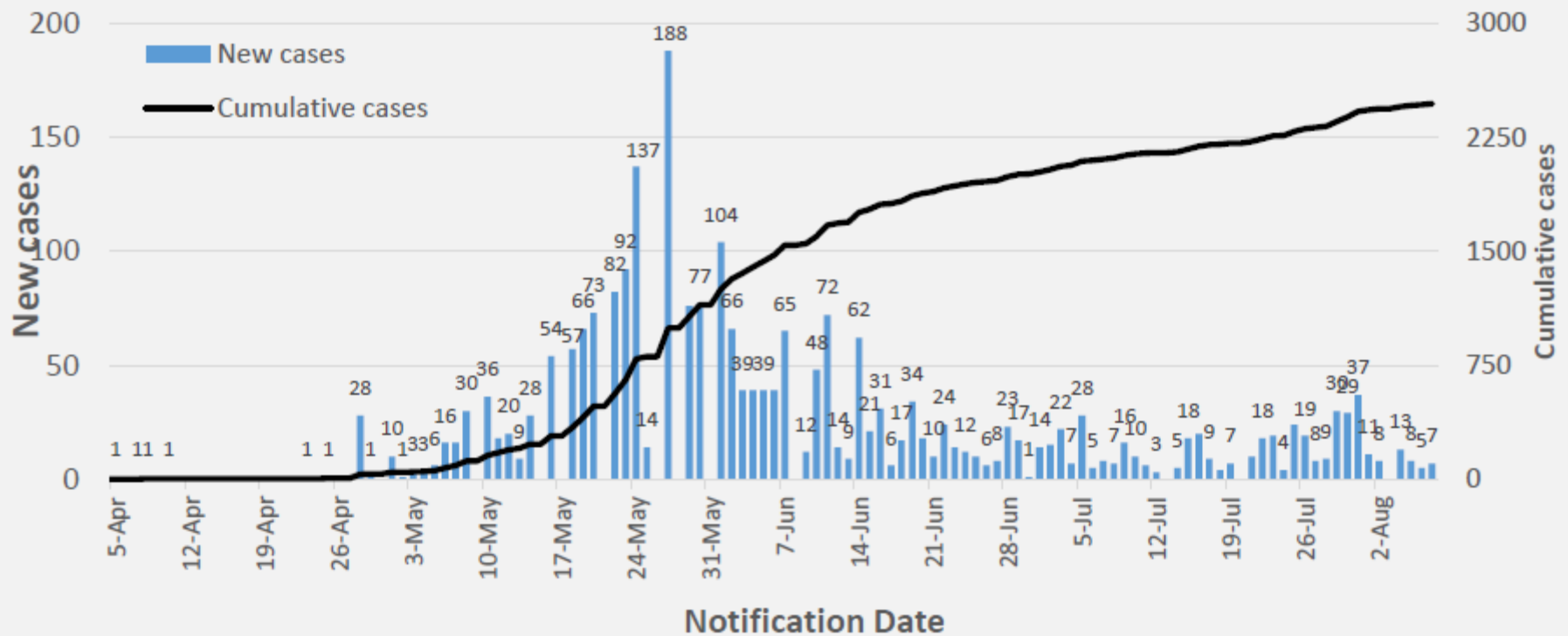
- 2,470 confirmed COVID-19 cases in South Sudan; 85% in Juba with 47 deaths and a case fatality rate (CFR) of 1.9%. Total 7,253 contacts identified, quarantined, & undergoing follow up
- Implementation of priorities; risk communication and community engagement; active case search and testing; quarantine for contacts; isolation of confirmed cases, infection prevention and control; and management of cases are currently underway
- The overall response currently led by the COVID-19 National level taskforce and the COVID-19 National Steering Committee





# Trends of COVID-19 cases in South Sudan

Figure 1. New and cumulative confirmed COVID-19 cases by notification date



COVID-19 cases increasing exponentially in the past few weeks



# Distribution of COVID-19 cases in South Sudan

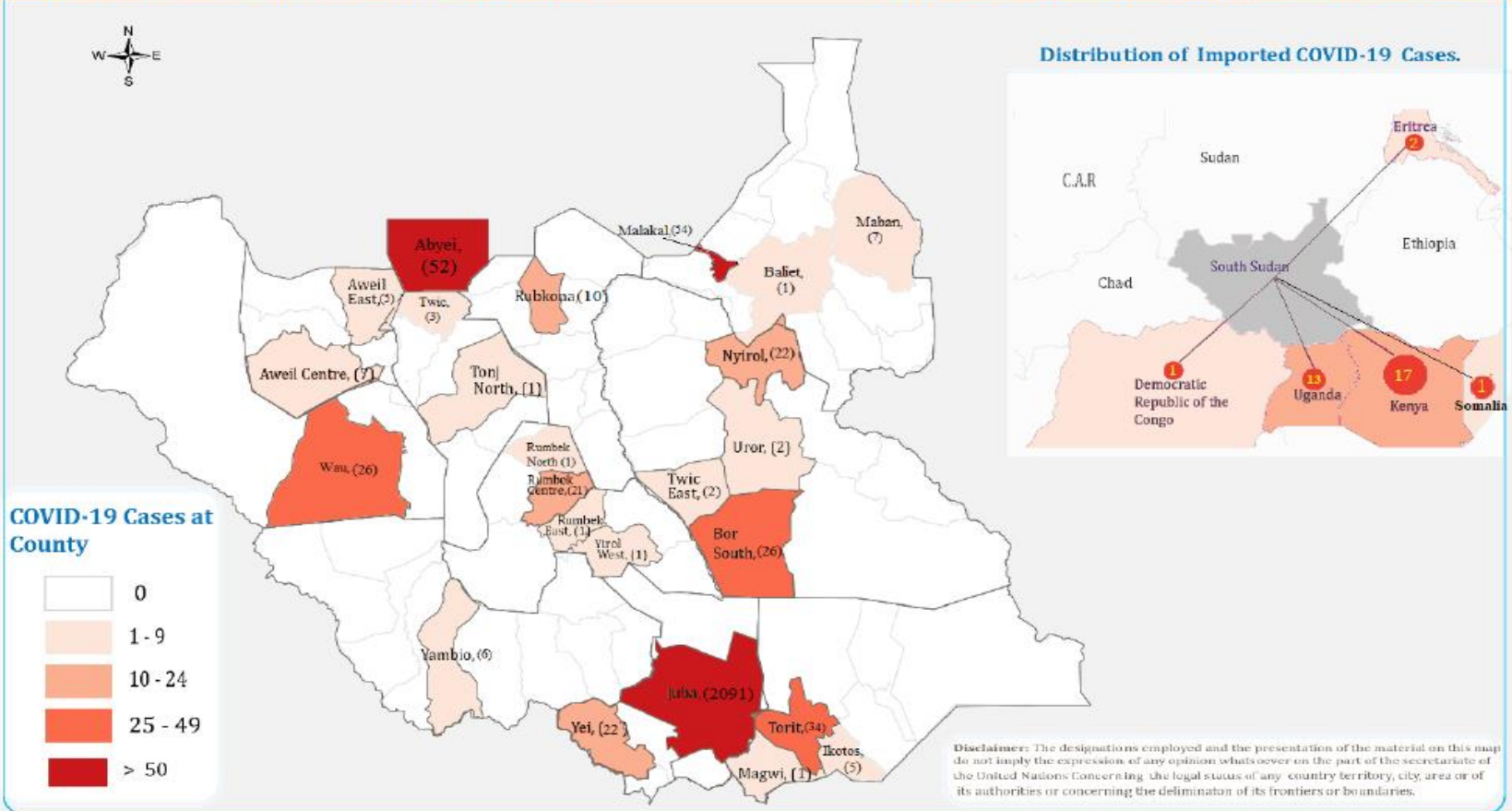


## Distribution of Covid-19 Cases by County



Data as received by WHO From MOH by 6:00 PM (EST) August 7, 2020

Map Created By: Health Information Management Unit, WHO, South Sudan



*\*Geographical information is available for 2 435 cases.*

The majority of the cases have been reported in Juba; while the rest have been imported (involving truckdrivers from the neighboring countries)

# Overall Conclusions and Recommendations



# Conclusion

- The overall IDSR and EWARN reporting performance in week 31, is above the target of 80%. (9) states were above 80%
- 2470 confirmed COVID-19 cases in South Sudan; 85% in Juba with 47 deaths (CFR of 1.9%). Total 7,253 contacts identified, quarantined, & undergoing follow up
- Cumulative total of COVID-19 alerts is 885, of these, 740 (83.6%) have been verified and samples were collected
- With six outbreaks confirmed in 2020; measles remains the most frequent vaccine preventable disease
- Given the COVID-19 pandemic, it is critical that measures are stepped up to contain its spread.



## Recommendations

- All partners should support CHDs & State Ministries of Health to undertake IDSR/EWARN reporting
- All health facilities should report, and conduct case-based investigation of suspect measles cases and routine measles immunization should be strengthened in all counties
- Strengthen capacities for COVID-19 containment through identifying and testing suspect cases, isolating confirmed cases, and quarantining contacts



**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 2020 use the link below:**

**<https://www.afro.who.int/publications/south-sudan-weekly-disease-surveillance-bulletin-2020>**



## This bulletin is produced by the Ministry of Health with Technical support from WHO

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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>

