

# South Sudan

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

**Epidemiological Bulletin Week 19 of 2020 (May 04- May 10)**



World Health  
Organization  
South Sudan



- In week 19, 2020 IDSR reporting completeness was 92% and timeliness was 81% at health facility level. EWARN reporting completeness was 92% and timeliness was 88%
- Of the 87 alerts in week 19, 2020; 50% were verified 0% were risk assessed and 0% required a response. Malaria (28), AWD (13), measles (8) and bloody diarrhea (14) were the most frequent alerts in week 19, 2020
- New measles cases confirmed in Wau and Bentiu PoC are being responded to through enhanced surveillance and routine immunization.
- A total of 250 COVID-19 alerts have been investigated with 231 being confirmed for COVID-19.



# 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 19 of 20202



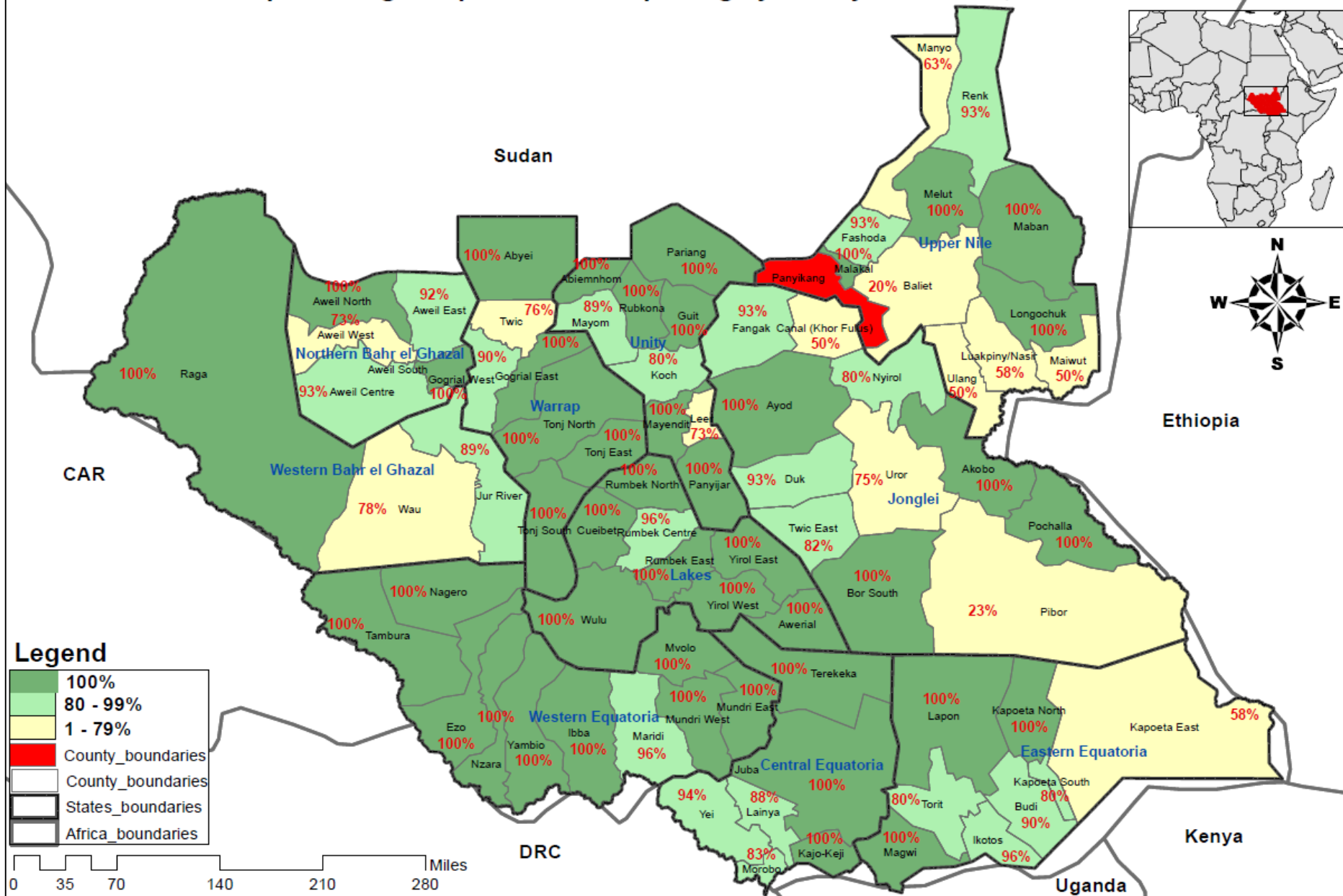
Completeness States Ranking	States	Supporting Partners	Total No. of Functional Health Facilities in the State	No. of HFs Reported on Time	Timeliness Percentage	No. of HFs Reported regardless of Time	Completeness Percentage
1st	WES	AMREF, World Vision, CUAMM, CDTY, OPEN	213	163	77%	212	100%
2nd	Lakes	Doctors with Africa (CUAMM), LIVEWELL	113	100	88%	112	99%
3rd	CES	HLSS, SSUHA, Healthnet TPO, IHO, GOAL, TRI-SS, THESO	117	112	96%	113	97%
4th	Warrap	GOAL, CCM, WVI, Malaria Consortium, UNKEA, Save the Children, MSF	120	101	84%	110	92%
5th	Upper Nile	Cordaid, WVI, RI, IMC, NIDO, UNKEA, MC, SSAID	115	93	81%	106	92%
6th	Unity	Cordaid, UNIDOR, IRC, CHADO, CARE International, CRADA, CASS	91	77	85%	83	91%
7th	WBGZ	Cordaid, Healthnet TPO, CARE International, IOM	76	50	66%	69	91%
8th	EES	Cordaid, HLSS, CCM	146	111	76%	132	90%
9th	NBGZ	Malaria Consortium, Healthnet TPO, IRC, CEDS, IHO	130	101	78%	116	89%
10th	Jonglei	Nile Hope, MDM, JDF, Livewell, CMD, HFO, EDA, CRADA, Malaria Consortium, CMA	150	122	81%	122	81%
	South Sudan		1271	1030	81%	1175	92%

## 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 81% and completeness was 92%. All states were above the target of 80% with highest reporting rate in WES with completeness of 100%.

Map showing completeness of reporting by county in week 19, 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.

# IDSR timeliness & completeness performance at county level for week 19 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	Cueibet	Doctors with Africa (CUAMM)	15	15	100%	15	100%
Lakes	Rumbek East	Doctors with Africa (CUAMM)	24	24	100%	24	100%
Lakes	Awerial	Doctors with Africa (CUAMM)	7	7	100%	7	100%
Lakes	Yirol West	Doctors with Africa (CUAMM)	12	12	100%	12	100%
NBGZ	Aweil South	Malaria Consortium(MC),IHO	9	9	100%	9	100%
NBGZ	Aweil North	HealthNetTPO,IHO	33	33	100%	33	100%
CES	Morobo	SSUHA,THESO	5	5	100%	5	100%
CES	Juba	HLSS	42	42	100%	42	100%
CES	Terekeka	HealthNetTPO	20	20	100%	20	100%
CES	Yei	SSUHA	17	16	94%	16	94%
CES	Kajo Keji	SSUHA,GOAL, TRI-SS	16	15	94%	16	100%
Lakes	Rumbek Centre	Doctors with Africa (CUAMM)	23	21	91%	22	96%
CES	Lainya	SSUHA	16	14	88%	14	88%
NBGZ	Aweil Centre	Malaria Consortium(MC)	15	13	87%	14	93%
Lakes	Wulu	Doctors with Africa (CUAMM)	14	12	86%	14	100%
WBGZ	Raja	HealthNetTPO	14	12	86%	12	86%
NBGZ	Aweil East	IRC,TADO	36	29	81%	33	92%
WBGZ	Wau	Cordaid	27	18	67%	22	81%
WBGZ	Jur River	Cordaid	35	20	57%	35	100%
Lakes	Yirol East	Doctors with Africa (CUAMM),LIVEWELL	11	6	55%	11	100%
NBGZ	Aweil West	HealthNetTPO	37	17	46%	27	73%
Lakes	Rumbek North	Doctors with Africa (CUAMM)	7	3	43%	7	100%

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	Guit	CHADO	7	7	100%	7	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	Mundri East	CUAMM	19	19	100%	19	100%
WES	Mvolo	CUAMM	11	11	100%	11	100%
WES	Tambura	World Vision International	26	25	96%	26	100%
WES	Maridi	AMREF	26	25	96%	25	96%
Unity	Panyijjar	IRC	15	14	93%	15	100%
Unity	Pariang	CARE International	11	9	82%	11	100%
Unity	Rubkona	Cordaid,IRC,IOM, MSF	15	12	80%	14	93%
Unity	Koch	CRADA,IRC.	5	4	80%	4	80%
Unity	Mayom	CASS	9	7	78%	8	89%
WES	Ibba	AMREF	11	8	73%	11	100%
Unity	Leer	UNIDOR	11	8	73%	8	73%
WES	Ezo	World Vision International	27	16	59%	27	100%
WES	Yambio	World Vision International	42	8	19%	42	100%

# IDSR timeliness & completeness performance at county level for week 19 of 2020 (2)



STATE	COUNTY	SUPPORTING PARTNER	Total No. of Functional Health Facilities in the County	No. of HF's Reported on Time	Timeliness Percentage	No. of HF's Reported regardless of time	Completeness Percentage
Jonglei	Bor	MDM + JDF	35	35	100%	35	100%
Jonglei	Pochalla	LIVEWELL	7	7	100%	7	100%
EES	Lopa Lafon	HLSS	18	18	100%	18	100%
EES	Magwi	HLSS	22	21	95%	21	95%
Jonglei	Ayod	CMD,EDA	15	14	93%	14	93%
Jonglei	Duk	MDM + JDF	15	14	93%	14	93%
Jonglei	Fangak	CMD,HFO	16	14	88%	14	88%
Jonglei	Akobo	NILE HOPE	8	7	88%	7	88%
Jonglei	Twic East	MDM + JDF	11	9	82%	9	82%
Jonglei	Nyirrol	CMA,Malaria Consortium	10	8	80%	8	80%
EES	Torit	Cordaid	20	16	80%	16	80%
EES	Budi	Cordaid	21	16	76%	19	90%
EES	Kapoeta North	CCM	16	12	75%	16	100%
Jonglei	Uror	Nile Hope,Malaria Consortium	8	6	75%	6	75%
EES	Ikotos	HLSS	27	19	70%	27	100%
Jonglei	Pibor	LIVEWELL,CRA DA	5	3	60%	3	60%
EES	Kapoeta South	CCM	10	5	50%	8	80%
Jonglei	Canal Pigi	IMC	11	5	45%	5	45%
EES	Kapoeta East	CCM	12	5	42%	7	58%

STATE	COUNTY	SUPPORTING PARTNER	Total No. of Functional Health Facilities in the County	No. of HF's Reported on Time	Timeliness Percentage	No. of HF's 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	Tonj North	CCM	14	14	100%	14	100%
Warrap	Tonj South	CCM	12	12	100%	12	100%
Upper Nile	Melut	WVI + RI	8	8	100%	8	100%
Upper Nile	Longechuk	RI	9	9	100%	9	100%
Upper Nile	Fashoda	CORDAID	14	13	93%	13	93%
Upper Nile	Renk	WVI + RI	14	13	93%	13	93%
Upper Nile	Maban	WVI + RI	16	14	88%	16	100%
Warrap	Gogrial West	GOAL	31	27	87%	28	90%
Warrap	Twic	GOAL	26	19	73%	19	73%
Upper Nile	Makal	IMC	8	5	63%	7	88%
Upper Nile	Luakpiny Nasir	UNKEA,RI	26	14	54%	15	58%
Upper Nile	Maiwut	RI	10	5	50%	5	50%
Upper Nile	Akoka	IMC	5	2	40%	3	60%
Upper Nile	Ulang	UNKEA,RI	18	7	39%	9	50%
Upper Nile	Manyo	CORDAID	8	2	25%	7	88%
Warrap	Abyei	AAA,Save the Children,MSF	10	2	20%	10	100%
Upper Nile	Baliet	IMC	5	1	20%	1	20%
Upper Nile	Panyikang	IMC	4	0	0%	0	0%



# Surveillance: EWARS performance indicator by partner for week 19 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
IRC	1	1	1	100%	100%
Medair	2	2	2	100%	100%
UNIDOR	2	2	2	100%	100%
CMD	2	2	2	100%	100%
GOAL	2	2	2	100%	100%
HAA	4	4	4	100%	100%
HFO	1	1	1	100%	100%
HLSS	1	1	1	100%	100%
World Relief	2	2	2	100%	100%
SMC	6	6	6	100%	100%
MDM	10	10	10	100%	100%
IMA	9	9	9	100%	100%
UNH	2	2	2	100%	100%
IOM	12	10	10	83%	83%
MSF-E	6	4	6	67%	100%
IMC	5	3	3	60%	60%
TRI-SS	2	1	2	50%	100%
RHS	3	1	1	33%	33%
<b>TOTAL</b>	<b>72</b>	<b>63</b>	<b>66</b>	<b>88%</b>	<b>92%</b>

Completeness was 92% and timeliness was 88% for weekly reporting in week 19, 2020 for partner-supported clinics serving IDP sites.



# EVENT-BASED SURVEILLANCE



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





State	Acute jaundice syndrome	Acute Respiratory Infections (ARI)	Acute Watery Diarrhoea	Bloody Diarrhoea	Malaria (Confirmed)	Measles	Neonatal Tetanus	Guinea Worm	Total alerts
CES			1	1	2				4
EES			3	4	2				9
NBGZ		1			1	1		1	4
Unity	2	4	2	3	1	3	1		16
Upper Nile		3	1	4	2				10
Warrap	1	4		1				1	7
WBGZ			1			1			2
WES		6	5	1	20	3			35
<b>Total alerts</b>	<b>3</b>	<b>18</b>	<b>13</b>	<b>14</b>	<b>28</b>	<b>8</b>	<b>1</b>	<b>2</b>	<b>87</b>

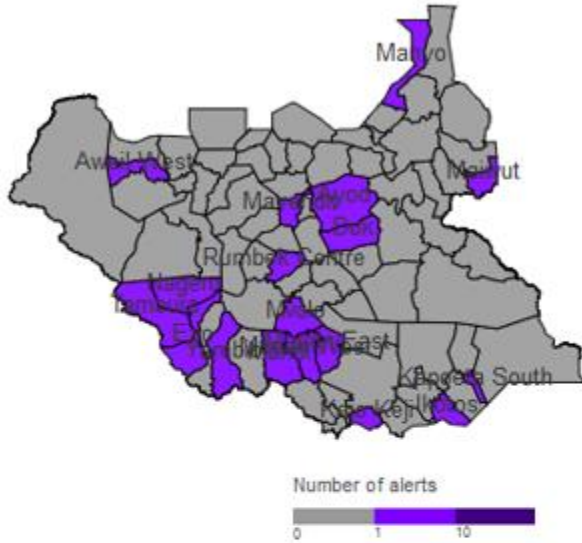
### During this week:

- **3 AJS alert: All are undergoing verification**
- **18 ARI: 16 are undergoing verification, 2 been monitored.**
- **13 AWD alert: 10 undergoing verification,3 been monitored**
- **14 ABD: 10 undergoing verification,5 been monitored,4 in response**
- **28 Malaria alerts: 26 undergoing verification, 2 under monitoring**
- **8 Measles alert: 7 undergoing verification,1 under monitoring**
- **1 Neonatal Tetanus alerts: undergoing verification**
- **2 Guinea Worm alert: 1 undergoing verification and 1 in response stage.**

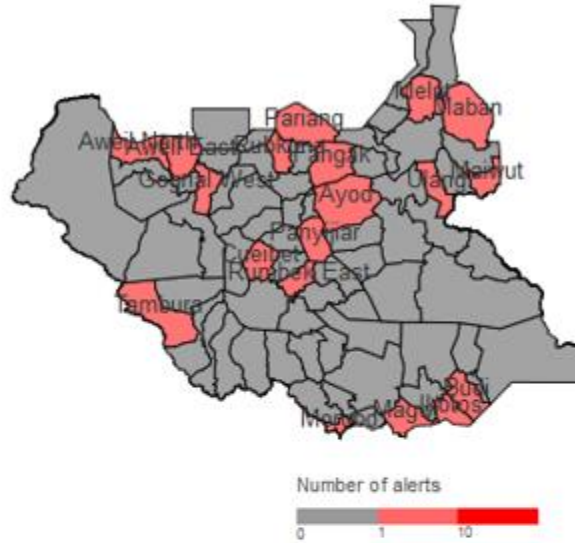
# Alert: Map of key disease alerts by county of week 19 of 2020



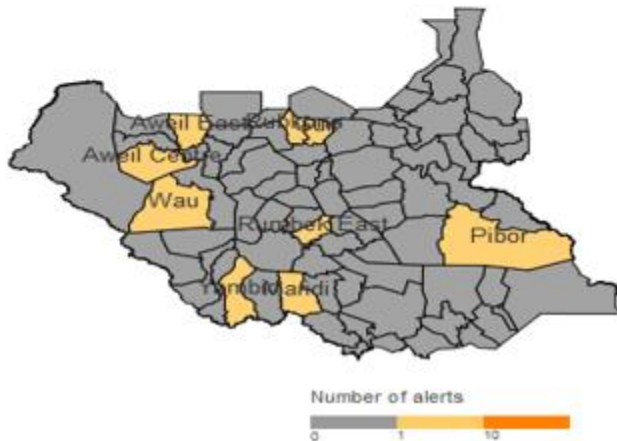
Map 2a | Malaria (W19 2020)



Map 2b | Bloody diarrhoea (W19 2020)



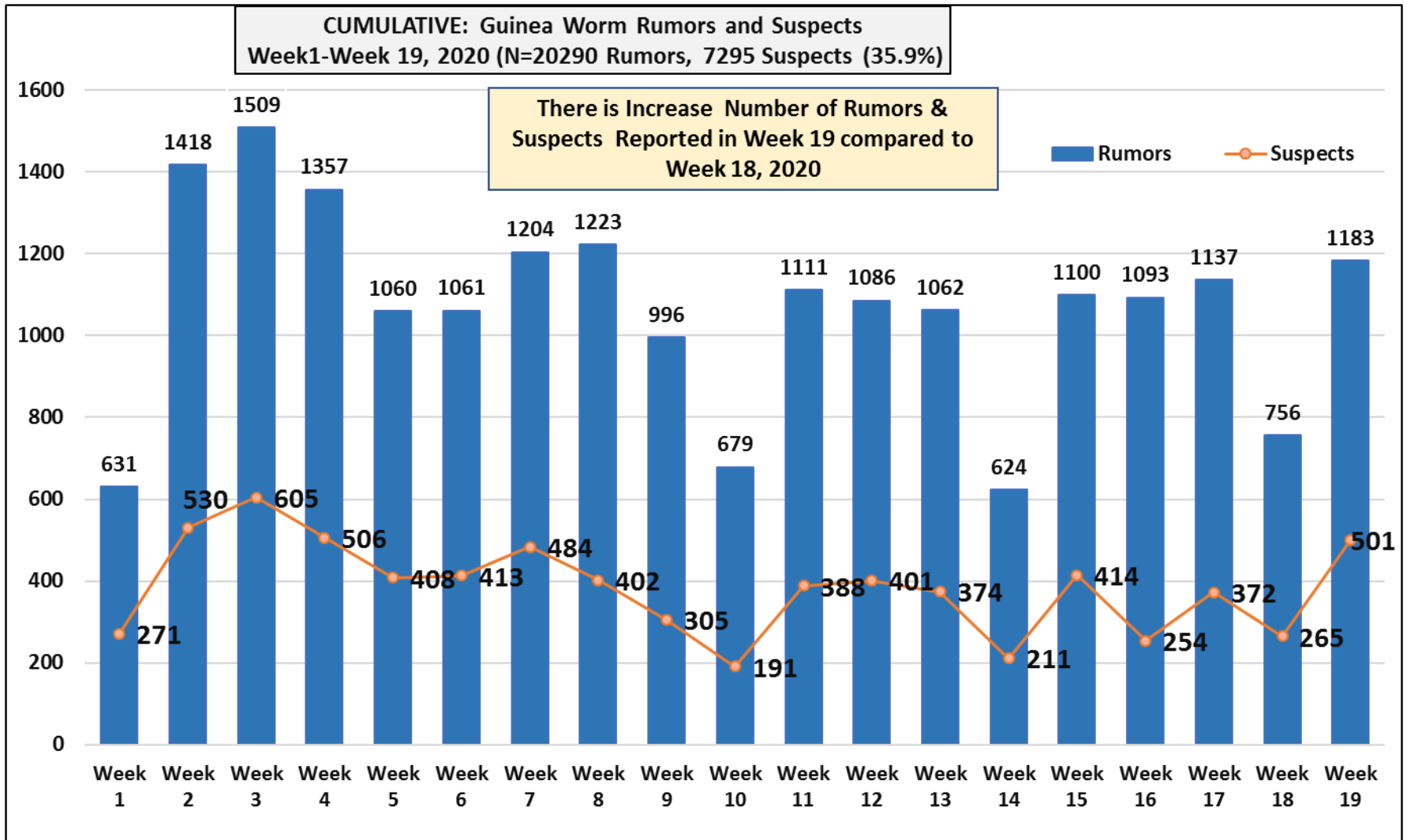
Map 2c | Measles (W19 2020)



Map 2e | Guinea Worm (W19 2020)



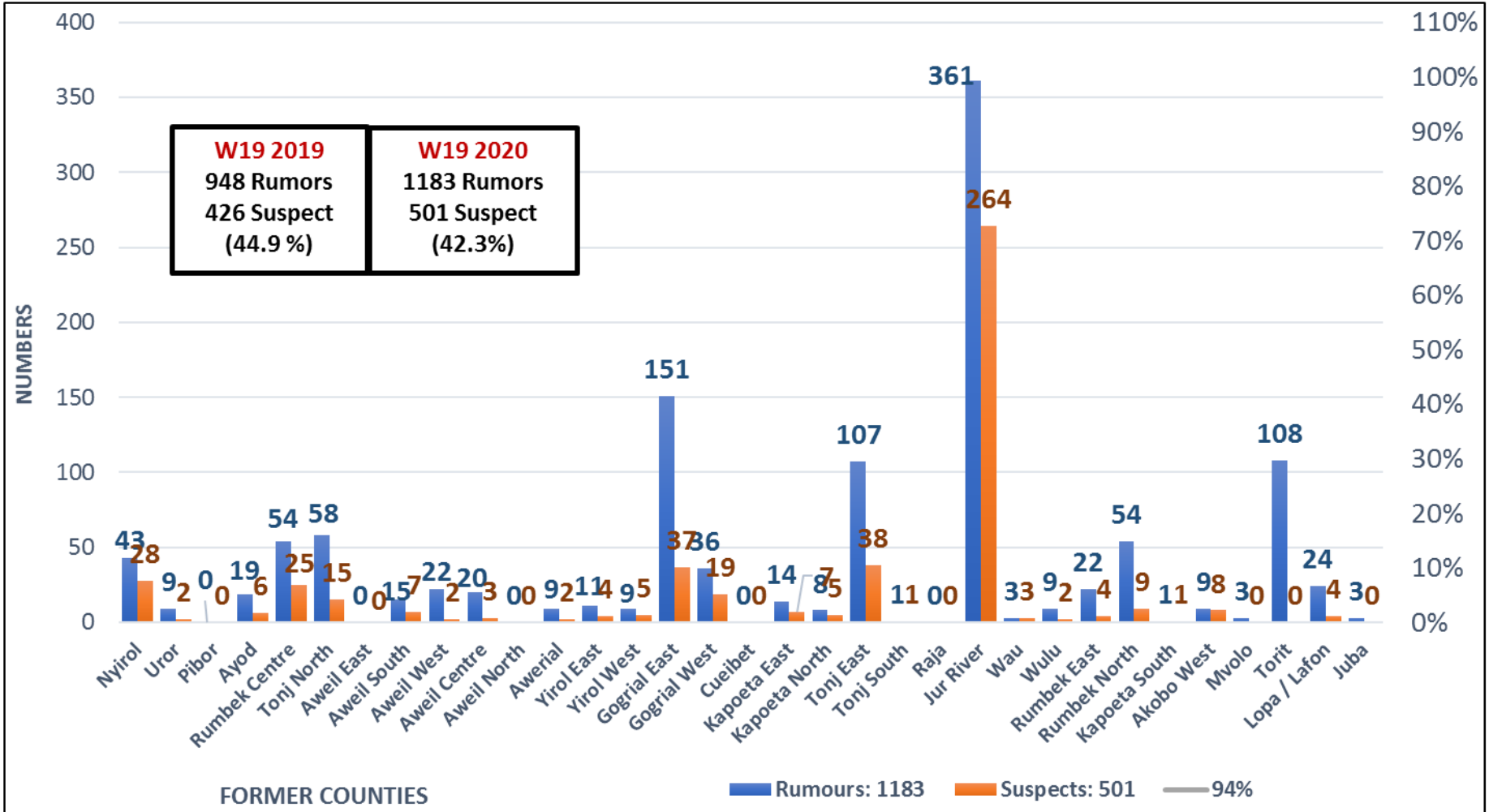
W19	Cumulative (2020)	
0	6	Low risk
3	3	Medium risk
1	24	High risk
0	49	Very high risk
50%	74%	% verified
0%	0%	% auto-discarded
1%	2%	% risk assessed
1%	2%	% requiring a response



**There is Increase in the Number of Rumors and Suspects reported in Week 19 Compared to Week 18.**



# Guinea Worm: Former Counties that reported Rumors, and Suspects during 19th – 25th April 2020 (17th Week) (n=32)



**The Reporting Rate for Week 19 Stands at 94%**

**It's important to Note that the number of Rumors reported in W19 of 2019 is lower than the Rumors reported in 2020. However, there is an increased number of Suspects reported in the same week of 2020 compared to 2019.**

# SUSPECTED OUTBREAKS



Major suspected outbreaks in South Sudan in  
2020





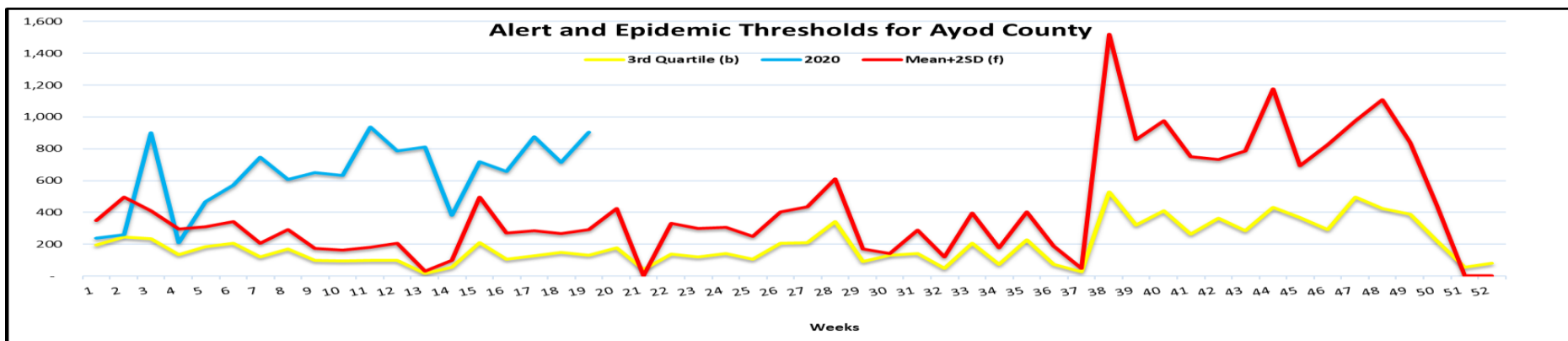
Malaria was the leading cause of morbidity and mortality, accounting for **45.2%** of all morbidities and **6.9%** of all mortalities in week 16, 2020

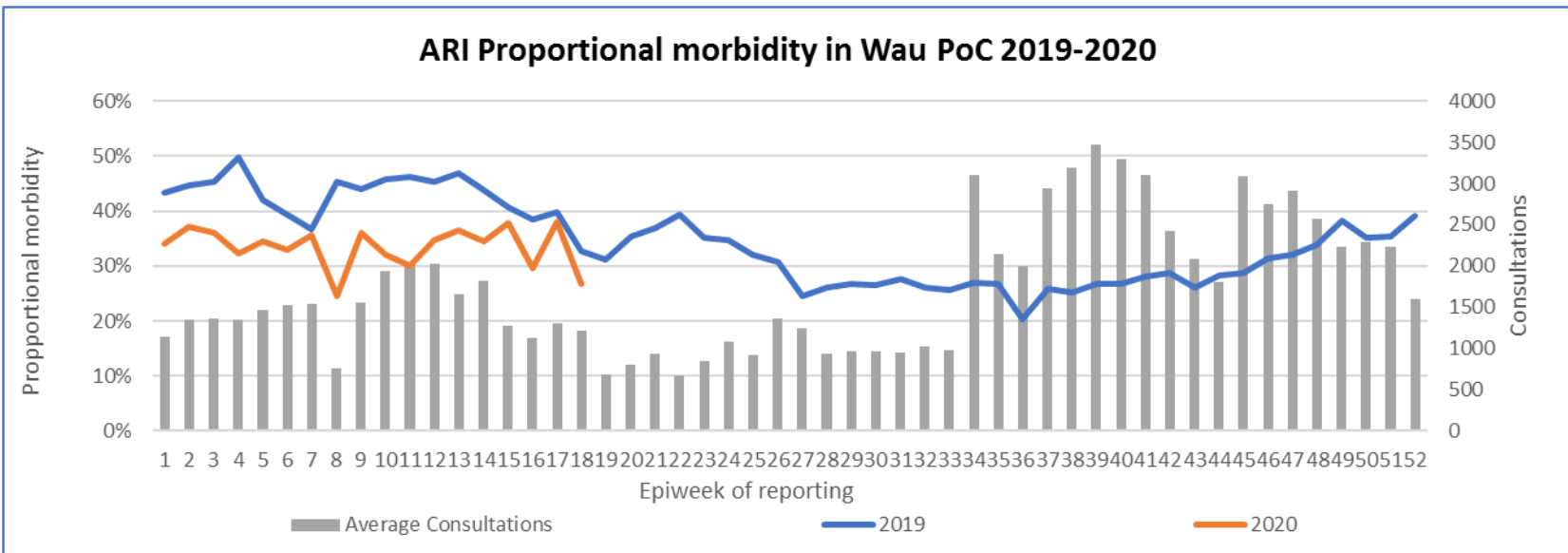
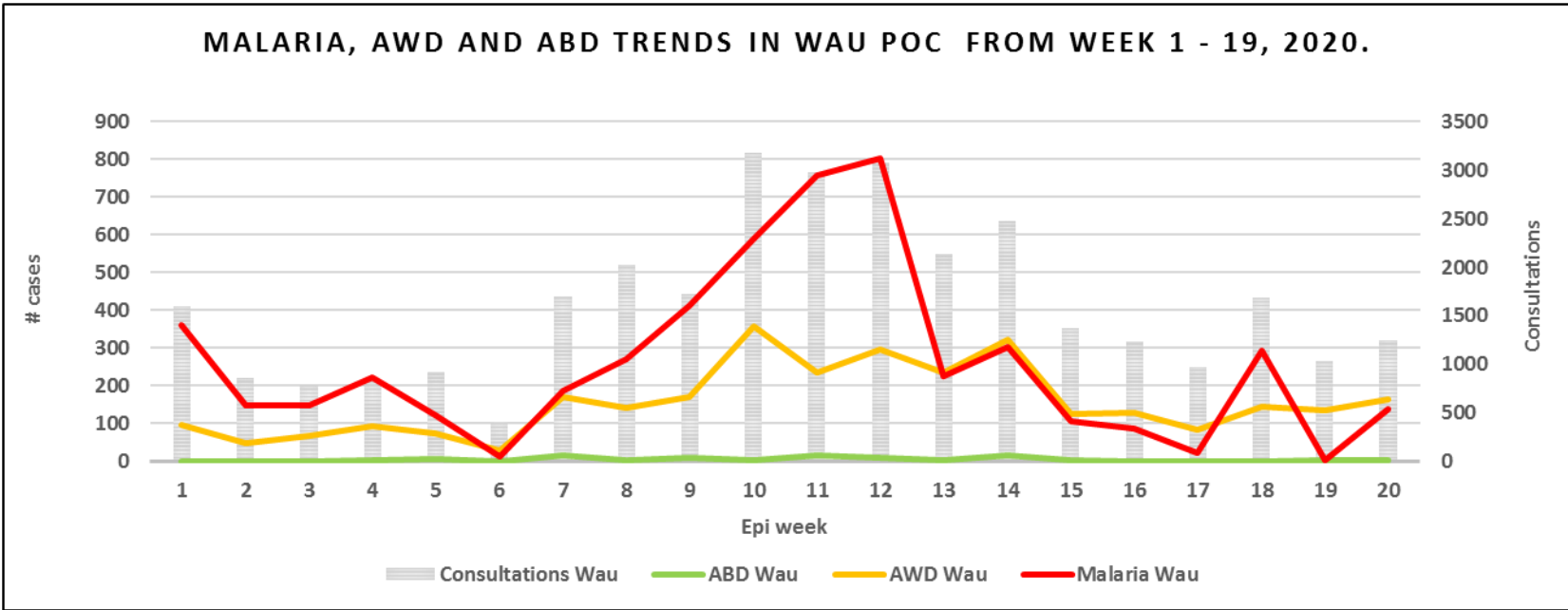
There is 1 Counties with malaria trends that exceeded the threshold (third quartile of trends for the period 2013-2017) and these include the following:

1. Bor hub (Ayod)

### **Proposed public health actions:**

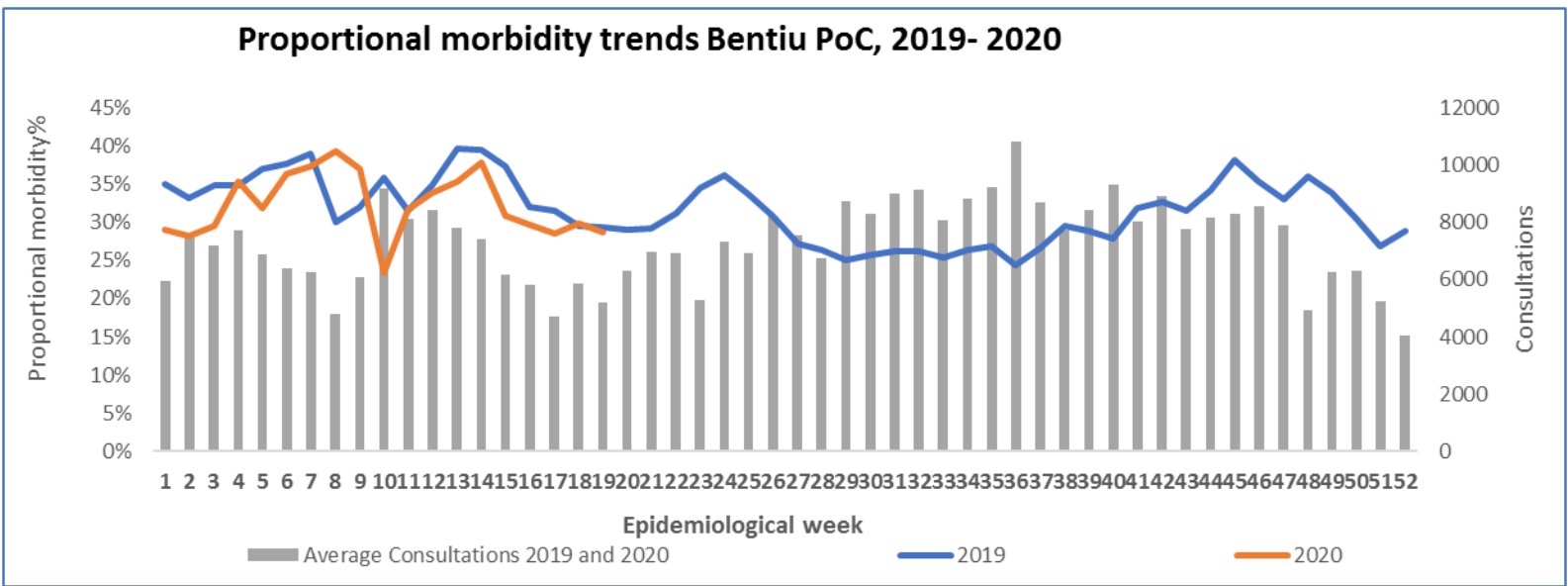
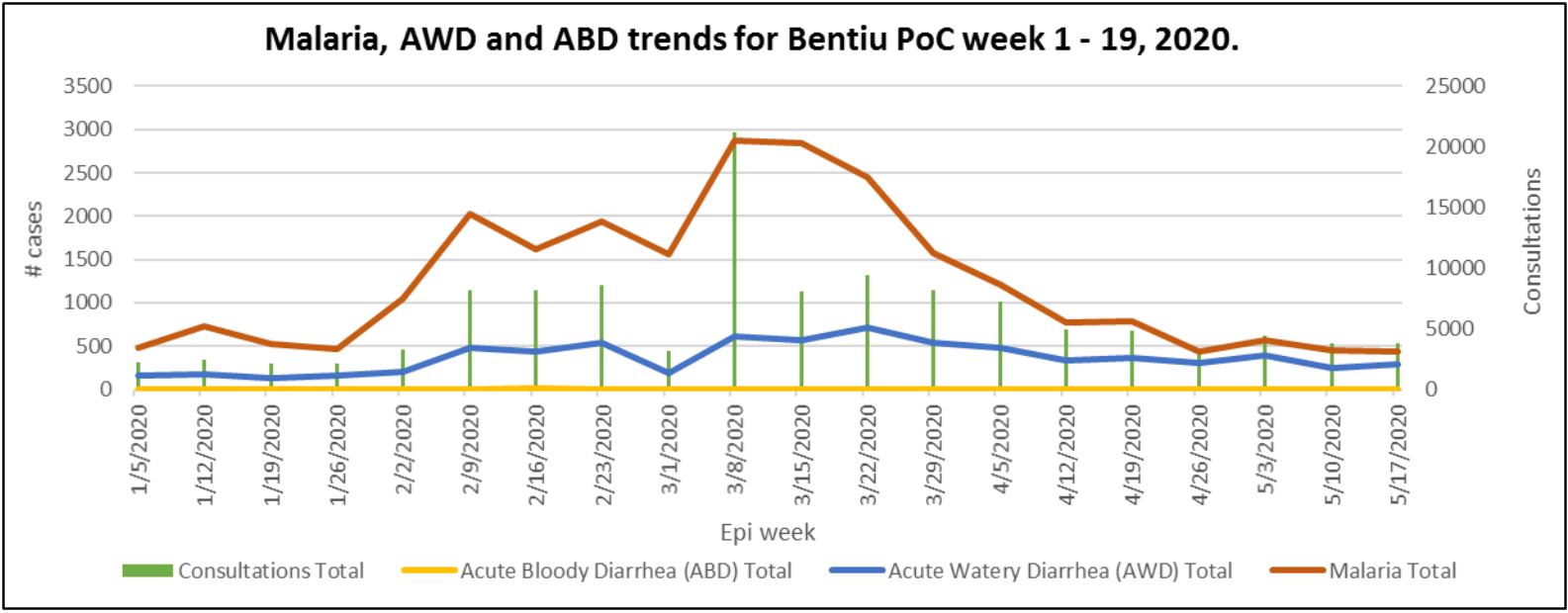
1. Malaria taskforce of malaria technical working group meeting to ensure that operational readiness for malaria prevention, diagnosis, and treatment are optimized.
2. Field missions to conduct technical verification of the trends in the affected counties
3. Assessment of current stock levels of malaria diagnostics (RDTs), medicines (ACTs), and LLINs.
4. Stocking up on malaria prevention (LLINs), diagnostics (RDTs), medicines (ACTs), and enhancing behavioral change communication for malaria prevention, prompt investigation and treatment



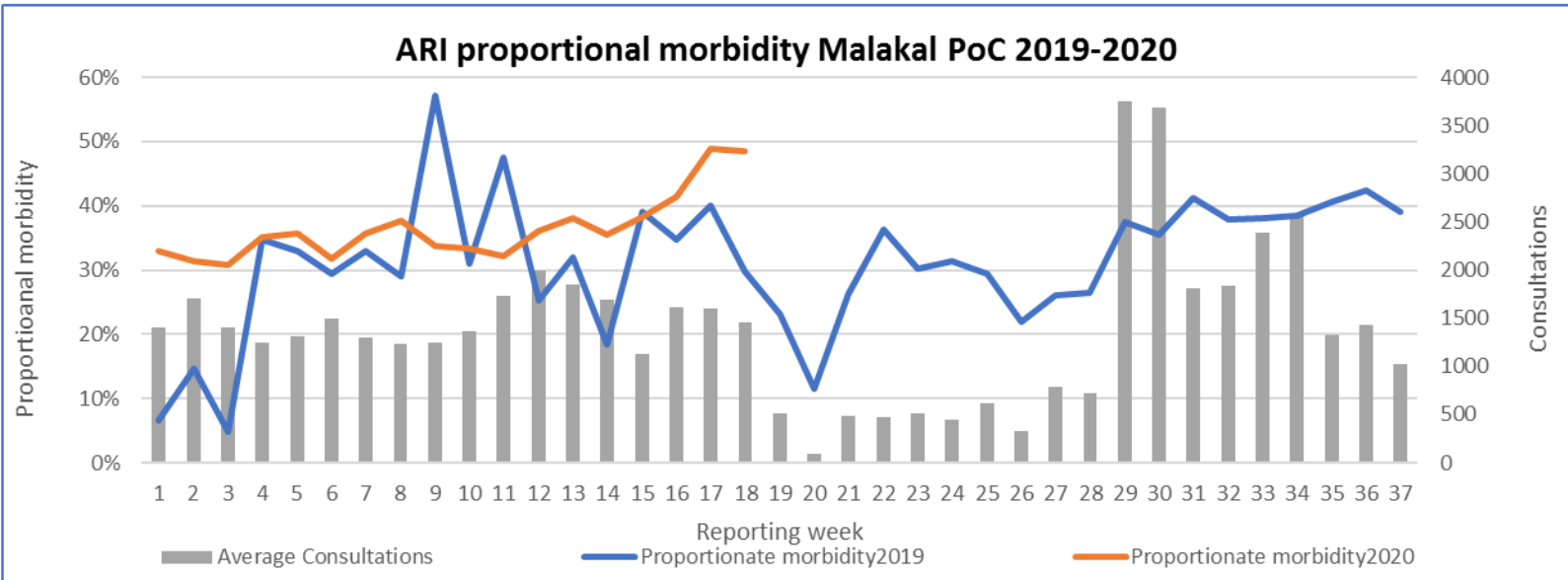
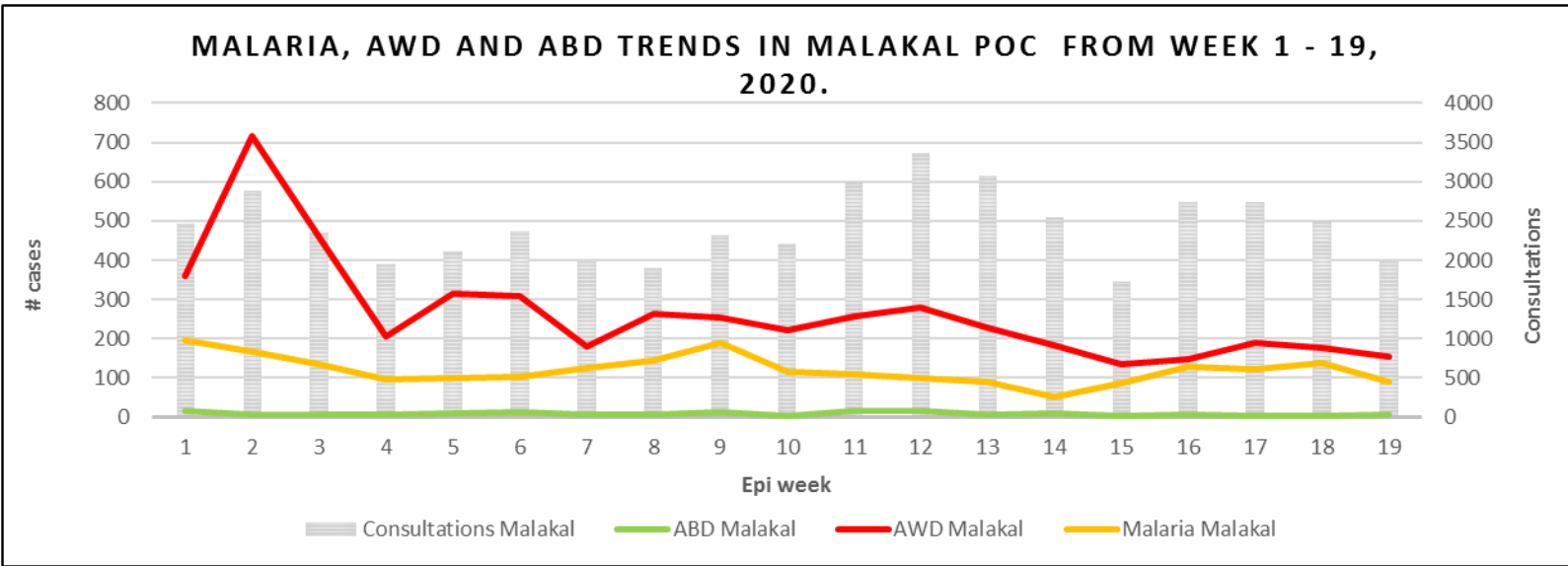




# Disease Trends and proportional Morbidity in Bentiu PoC week 1-19, 2020



# Disease Trends and proportional Morbidity in Malakal PoC week 1-19, 2020



# ACTIVE OUTBREAKS AND PUBLIC HEALTH EVENTS



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





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	297 (0.020)	Yes	No	Yes	Yes
Measles	Bentiu PoC	24/04/2019	1	450 (0.002)	Yes	Yes	Yes	N/A
Measles	Aweil East	29/12/2019	17	664 (0.127)	Yes	No	Yes	N/A





## ● Measles outbreaks confirmed in 2020

- 5 counties – Tonj East, Magwi, Bor, Kapoeta East and Tonj South
- Locations with ongoing measles transmission
  - Aweil East
  - Bentiu PoC
- New confirmed outbreak
  - Confirmed measles cases in Wau
  - Bentiu PoC



# Measles Outbreak situation & response by county as of week 19, 2020

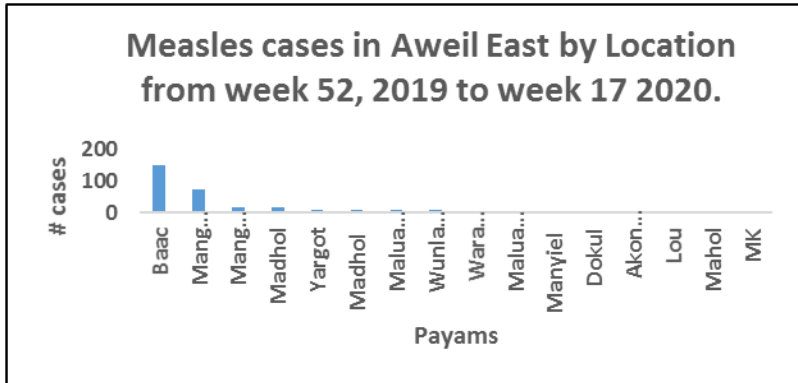
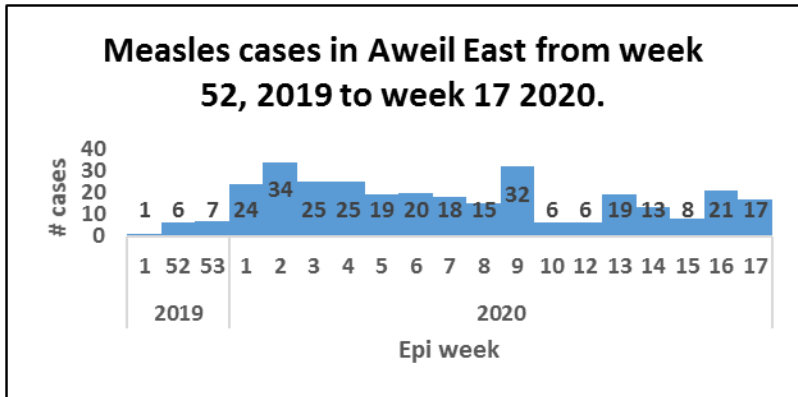


S/N	County	Population	Confirmed cases	Probable cases	Total cases	Cases per 100,000	Total deaths	CFR %	Date first reported	Emergency Campaign	Admin Coverage	Implementing Partner	Status	Comments
1	Tonj East	183,233	13	48	61	33.3	0	0	12-Dec-19	Mass Campaign	Pending result	Mass Campaign	controlled	Mass Campaign 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	195	316	39.4	0	0	2-Jan-20				active	
6	Bentiu Poc	115,479			450	83	2	2	1-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>265</b>	<b>889</b>	<b>61.6</b>	<b>2</b>	<b>0.23</b>						





## Confirmed Measles Outbreak in Aweil East County



Age group	Cases	% Cases	Cum. %
0 - 4 Years	160	51%	51%
15+ Years	66	21%	72%
5 - 9 Years	49	16%	87%
10 - 14 Years	41	13%	100%
<b>Grand Total</b>	<b>316</b>	<b>100%</b>	

### Descriptive Epidemiology:

- Initial cases were reported on 2<sup>nd</sup> Jan 2020
- A total of 316 suspected measles cases have been line listed in Aweil East county
- Majority of the cases were from Baac and Mangartong payams
- 17 new cases were reported in week 17, 2020
- (160) 51% of the cases are less than 5 years of age
- Male were 56% of cases and female were 44%

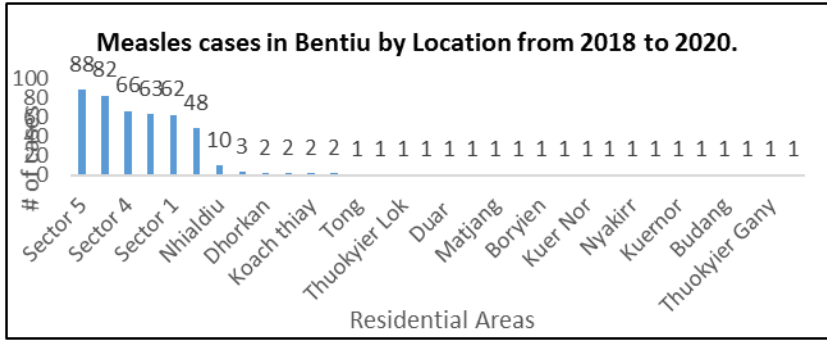
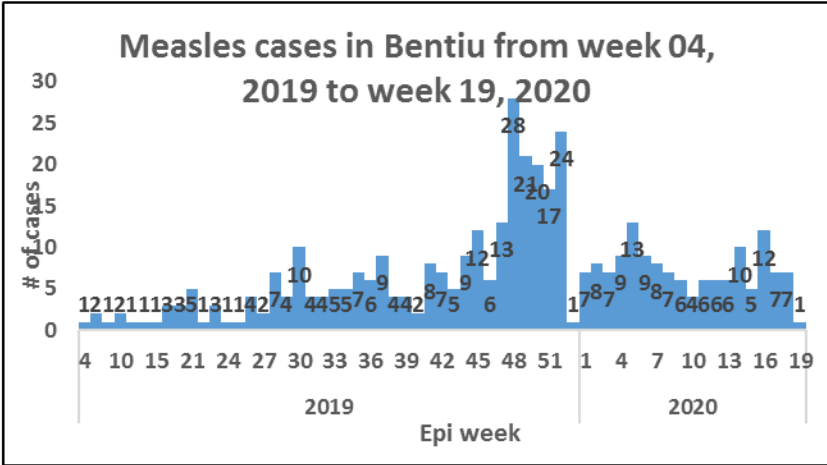
### Response Recommendation:

- Reactive campaign was finalized in Aweil East on 24th January 2020 by SMOH and IOM, coverage was 119% and PCE coverage was 91.5%.
- Plans is ongoing for second reactive campaign to target children under five years of age since they are more vulnerable to death from measles.





## Confirmed Measles Outbreak in Bentiu PoC



Age Group	Cases	Percentage	Cum. %
0 - 4 Years	426	95%	95%
5 - 9 Years	14	3%	98%
10 - 14 Years	7	2%	99%
15+ Years	3	1%	100%
<b>Grand Total</b>	<b>450</b>	<b>100%</b>	

### Epidemiological description

- Bentiu PoC has been reporting suspected measles/rubella cases since week 4 of 2019.
- 1 new cases reported in week 19, 2020
- At least 450 measles cases including 1 death (CFR 0.23%) reported since then.
- Cumulatively, 36 tested cases have tested measles IgM positive while 15 tested rubella IgM positive.
- 48% of cases are female and 52% 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).

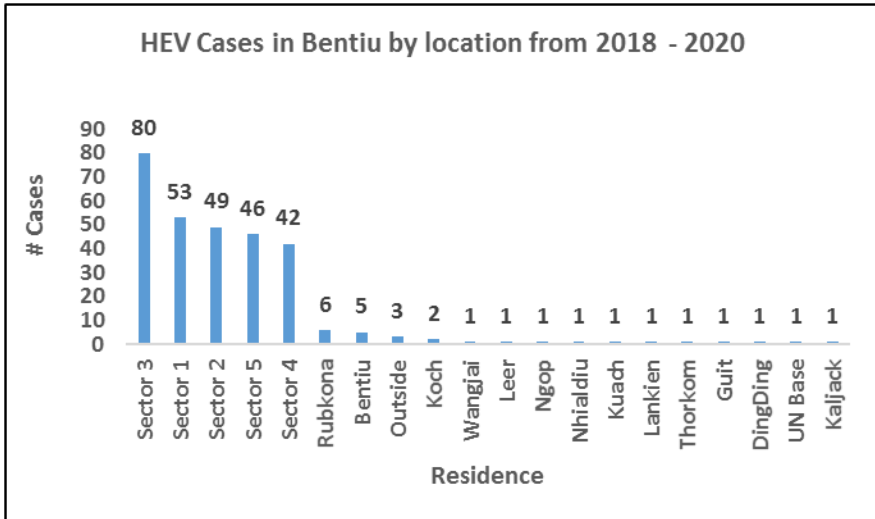
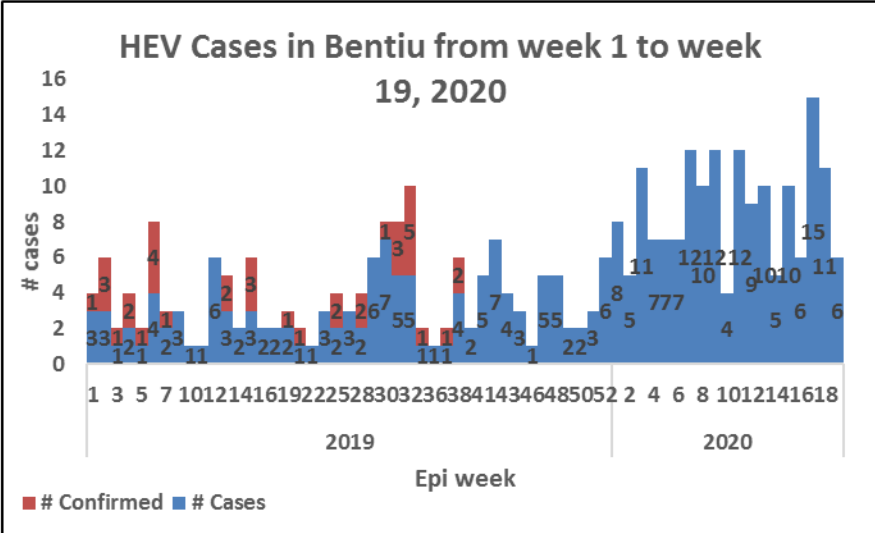
### Response actions

- 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 advised to strengthen routine immunization and case management





# Hepatitis E, Bentiu PoC (1)



**Descriptive epidemiology**

- The persistent transmission of HEV in Bentiu PoC continues with 297 cases since beginning of 2019
- There were (6) new cases reported in week 19, 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 19, 2020; there were 297 cases of HEV in Bentiu PoC including 2 deaths (CFR 0.72%)

Age-Group	Alive	Dead	Grand Total	Percentage	CFR	Cum. %2
1 - 4 Years	102		102	34%	0%	34%
10 - 14 Years	48		48	16%	0%	51%
15+ Years	70	2	72	24%	3%	75%
5 - 9 Years	74	1	75	25%	1%	100%
<b>Grand Total</b>	<b>294</b>	<b>3</b>	<b>297</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



# EBOLA VIRUS DISEASE[EVD] PREPAREDNESS IN SOUTH SUDAN



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





## Current situation

- Currently as of 17th May 2020
- 3462 Cases [ 3319 confirmed & 143 probable]
- 2279 Deaths [2185 confirmed & 94 probable]

## Response update

- From 11 to 17 May 2020, there have been no new confirmed cases of Ebola virus disease (EVD) reported in Democratic Republic of the Congo



# Novel Coronavirus





Situation update as of 14<sup>th</sup> May, 2020

## Situation in numbers (by WHO Region)

Total (new cases in last 24 hours)

<b>Globally</b>	4 248 389 cases (77 965)	294 046 deaths (6 647)
<b>Africa</b>	51 752 cases (2 323)	1 567 deaths (67)
<b>Americas</b>	1 819 553 cases (37 989)	109 121 deaths (2 617)
<b>Eastern Mediterranean</b>	293 805 cases (9 535)	9 389 deaths (130)
<b>Europe</b>	1 801 668 cases (21 352)	163 413 deaths (3 614)
<b>South-East Asia</b>	116 617 cases (5 685)	3 921 deaths (175)
<b>Western Pacific</b>	164 282 cases (1 081)	6 622 deaths (44)

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



# COVID-19 Response in South Sudan

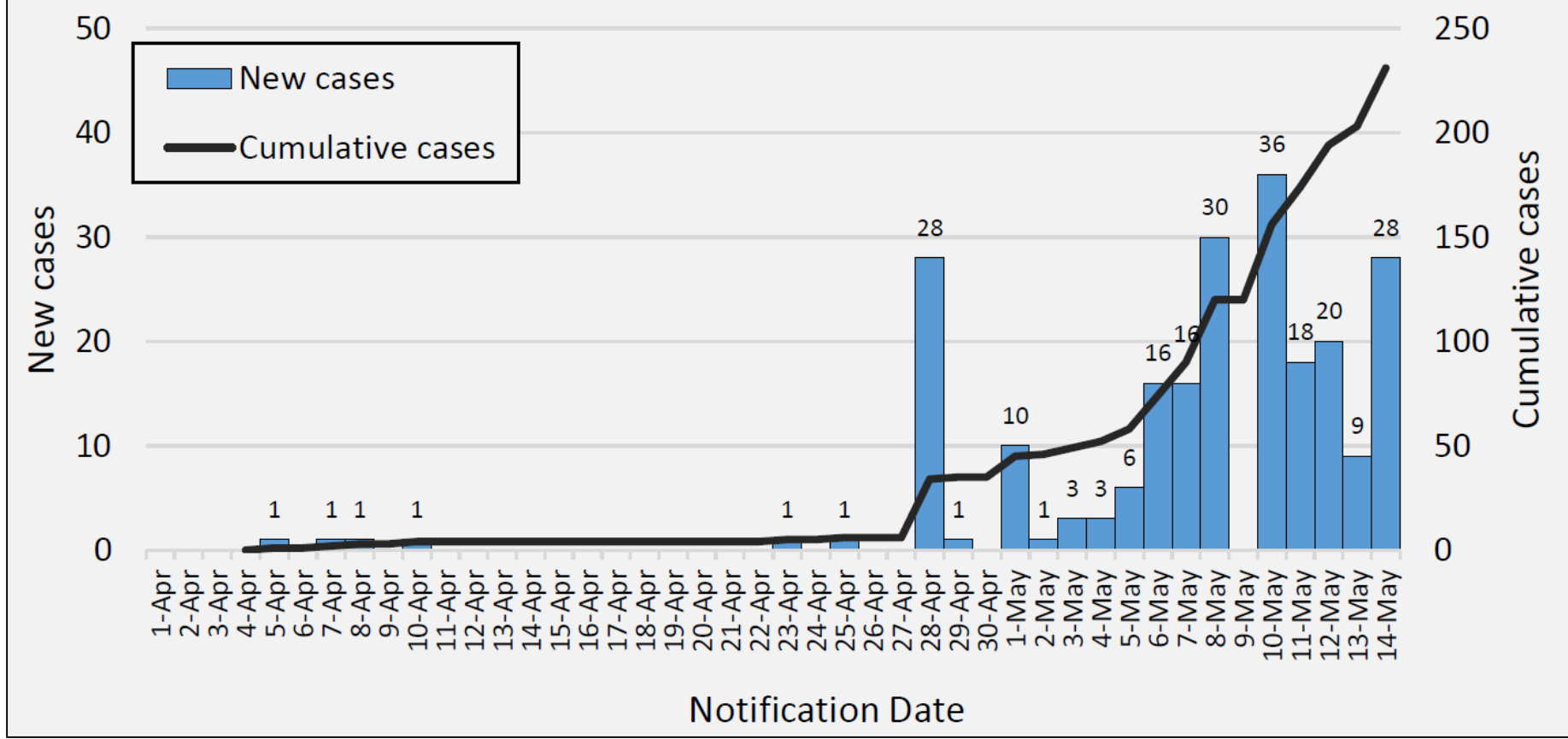
- 231 confirmed COVID-19 cases in South Sudan; with 898 contacts identified, quarantined, & undergoing follow up
- Active surveillance is ongoing to determine if there is active transmission in Juba and surrounding areas.
- The ILI/SARI sentinel sites have been expanded from 10 to 45 in Juba
- Implementation of priorities; risk communication; active case search and testing; quarantine for contacts; infection prevention and control; and management of cases are currently underway
- The overall response currently led by the COVID-19 high level taskforce and the COVID-19 steering committee





# Trends of COVID-19 cases in South Sudan

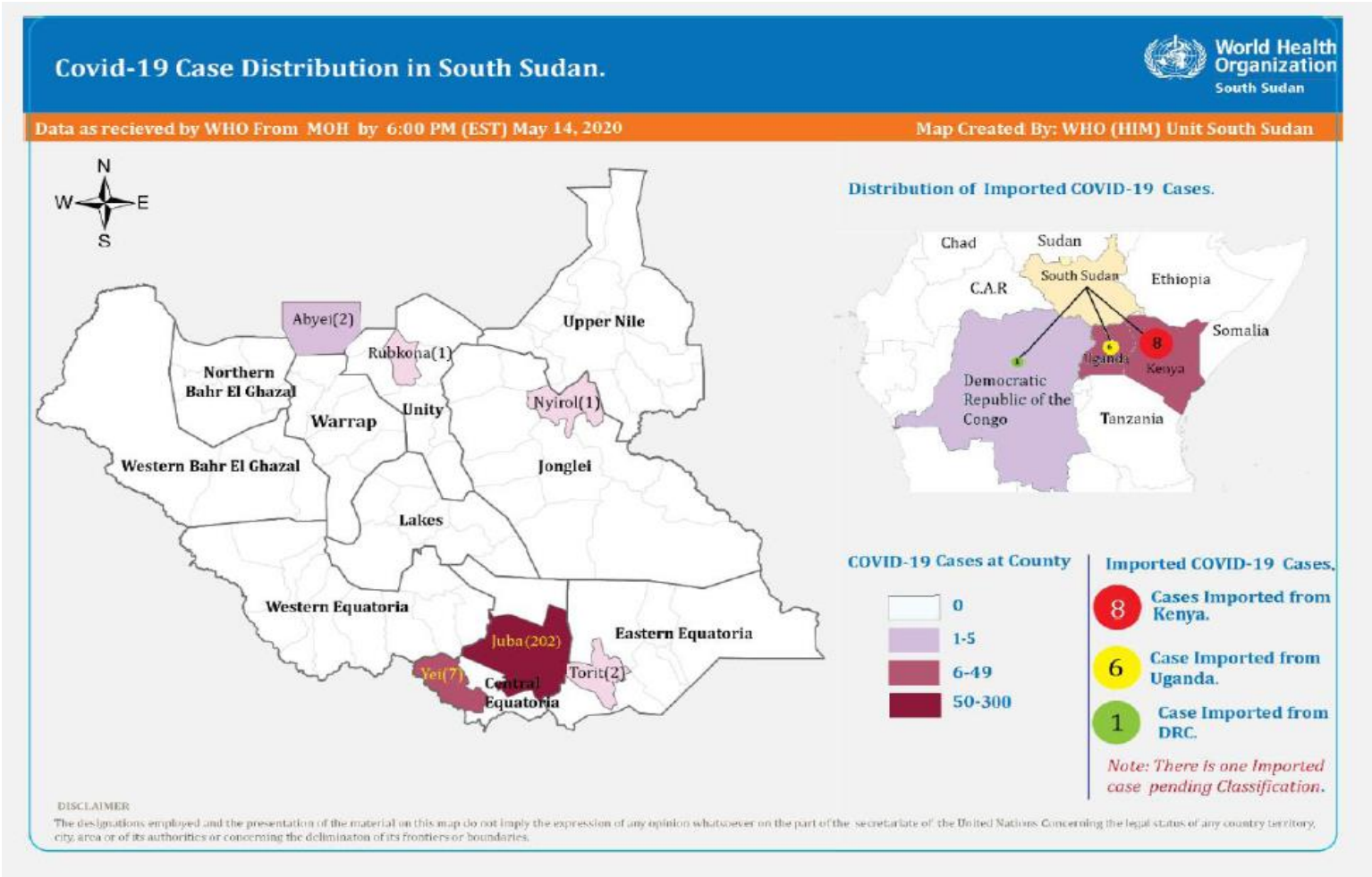
Figure 1. New and cumulative confirmed COVID-19 cases by notification date



● COVID-19 cases increasing exponentially in the past 10 days



# Distribution of COVID-19 cases in South Sudan



The majority of the cases have been reported in Juba



# Overall Conclusions and Recommendations



# Conclusion

- The overall IDSR and EWARN reporting performance in week 19, is above the target of 80%. All 10 states were above 80%
- 231 COVID-19 cases confirmed and isolated. A total of 898 contacts identified, quarantined and under follow up.
- Cumulative total of alerts is 250, of these, 235 (94%) have been verified and samples were collected
- With five outbreaks confirmed in 2020; measles remains the most frequent vaccine preventable disease
- There are ongoing measles outbreaks in Wau; Bentiu PoC and Aweil East.
- Given the COVID-19 pandemic, it is critical that measures are stepped up to contain its spread.



## Recommendations

- All partners should support CHDs & HF in Upper Nile and other states to improve IDSR/EWARN reporting
- Measles SIAs, routine immunization, surveillance & case management recommended in response to cases in Wau; Aweil East; & Bentiu PoC.
- 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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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>

