

South Sudan

Integrated Disease surveillance and response (IDSR)

Epidemiological Bulletin Week 18 of 2020 (April 27- May 03)





- In week 18, 2020 IDSR reporting completeness was 91% and timeliness was 75% at health facility level. EWARN reporting completeness was 96% and timeliness was 84%
- Of the 110 alerts in week 18, 2020; 86% were verified 0% were risk assessed and 0% required a response. Malaria (31), AWD (27), measles (12) and bloody diarrhea (18) were the most frequent alerts in week 18, 2020
- New measles cases confirmed in Wau and Bentiu PoC are being responded to through enhanced surveillance and routine immunization.
- A total of 133 COVID-19 alerts have been investigated with 58 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 18 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	189	89%	212	100%
2nd	Lakes	Doctors with Africa (CUAMM), LIVEWELL	113	90	80%	112	99%
3rd	CES	HLSS, SSUHA, Healthnet TPO, IHO,GOAL,TRI-SS,THESO	117	110	94%	115	98%
4th	WBGZ	Cordaid, Healthnet TPO, CARE International,IOM	76	46	61%	70	92%
5th	Unity	Cordaid, UNIDOR, IRC, CHADO, CARE International, CRADA, CASS	91	66	73%	83	91%
6th	EES	Cordaid, HLSS, CCM	146	81	55%	130	89%
7th	Upper Nile	Cordaid, WVI, RI, IMC, NIDO, UNKEA, MC, SSAID	115	78	68%	100	87%
8th	Warrap	GOAL, CCM, WVI, Malaria Consortium, UNKEA, Save the Children, MSF	120	99	83%	103	86%
9th	NBGZ	Malaria Consortium, Healthnet TPO, IRC, CEDS, IHO	130	86	66%	111	85%
10th	Jonglei	Nile Hope, MDM, JDF, Livewell, CMD, HFO, EDA, CRADA, Malaria Consortium, CMA	150	114	76%	123	82%
	South Sudan		1271	959	75%	1159	91%

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 75% and completeness was 91%. All states were above the target of 80% with highest reporting rate in WES with completeness of 100%.



IDSR timeliness & completeness performance at county level for week 18 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	Wulu	Doctors with Africa (CUAMM)	14	14	100%	14	100%
Lakes	Cueibet	Doctors with Africa (CUAMM)	15	15	100%	15	100%
CES	Morobo	SSUHA,THESO	5	5	100%	5	100%
CES	Yei	SSUHA	17	17	100%	17	100%
CES	Terekeka	HealthNetTPO	20	20	100%	20	100%
CES	Kaio Keji	SSUHA,GOAL,TRI-SS	16	15	94%	16	100%
Lakes	Yirol West	Doctors with Africa (CUAMM)	12	11	92%	12	100%
CES	Juba	HLSS	42	38	90%	42	100%
CES	Lainya	SSUHA	16	14	88%	14	88%
Lakes	Rumbek Centre	Doctors with Africa (CUAMM)	23	20	87%	22	96%
NBGZ	Aweil Centre	Malaria Consortium(MC)	15	13	87%	15	100%
NBGZ	Aweil East	IRC,TADO	36	31	86%	34	94%
Lakes	Awerial	Doctors with Africa (CUAMM)	7	6	86%	7	100%
NBGZ	Aweil North	HealthNetTPO,IHO	33	28	85%	31	94%
Lakes	Rumbek East	Doctors with Africa (CUAMM)	24	20	83%	24	100%
WBGZ	Wau	Cordaid	27	20	74%	27	100%
WBGZ	Raja	HealthNetTPO	14	8	57%	12	86%
WBGZ	Jur River	Cordaid	35	18	51%	31	89%
Lakes	Yirol East	Doctors with Africa (CUAMM),LIVEWELL	11	5	45%	11	100%
NBGZ	Aweil West	HealthNetTPO	37	14	38%	23	62%
Lakes	Rumbek North	Doctors with Africa (CUAMM)	7	2	29%	7	100%
NBGZ	Aweil South	Malaria Consortium(MC),IHO	9	0	0%	8	89%

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	Koch	CRADA,IRC	5	2	40%	5	100%
Unity	Panyijiar	IRC	15	13	87%	15	100%
Unity	Rubkona	Cordaid,IRC,IOM,MSF	15	12	80%	13	87%
Unity	Mayom	CASS	9	7	78%	9	100%
Unity	Pariang	CARE International	11	3	27%	8	73%
Unity	Guit	CHADO	7	4	57%	7	100%
Unity	Mayendit	CASS	12	12	100%	12	100%
Unity	Leer	UNIDOR	11	10	91%	10	91%
WES	Nzara	World Vision International	20	20	100%	20	100%
WES	Nagero	World Vision International	10	8	80%	10	100%
WES	Mundri West	CUAMM	21	19	90%	21	100%
WES	Maridi	AMREF	26	26	100%	26	100%
WES	Ibba	AMREF	11	10	91%	11	100%
WES	Mundri East	CUAMM	19	19	100%	19	100%
WES	Yambio	World Vision International	42	41	98%	41	98%
WES	Ezo	World Vision International	27	13	48%	27	100%
WES	Mvolo	CUAMM	11	10	91%	11	100%
WES	Tambura	World Vision International	26	23	88%	26	100%



IDSR timeliness & completeness performance at county level for week 18 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	Pochalla	LIVEWELL	7	7	100%	7	100%
Jonglei	Bor	MDM + JDF	35	34	97%	35	100%
Jonglei	Duk	MDM + JDF	15	14	93%	15	100%
Jonglei	Fangak	CMD,HFO	16	14	88%	14	88%
Jonglei	Akobo	NILE HOPE	8	7	88%	8	100%
Jonglei	Ayod	CMD,EDA	15	12	80%	13	87%
EES	Lopa Lafon	HLSS	18	13	72%	17	94%
EES	Magwi	HLSS	22	15	68%	19	86%
Jonglei	Twic East	MDM + JDF	11	7	64%	11	100%
Jonglei	Uror	Nile Hope,Malaria Consortium	8	5	63%	5	63%
Jonglei	Pibor	LIVEWELL,CRADA	5	3	60%	3	60%
Jonglei	Nyirrol	CMA,Malaria Consortium	10	6	60%	7	70%
EES	Torit	Cordaid	20	12	60%	18	90%
EES	Kapoeta South	CCM	10	6	60%	8	80%
EES	Kapoeta North	CCM	16	9	56%	15	94%
EES	Budi	Cordaid	21	11	52%	20	95%
Jonglei	Canal Pigi	IMC	11	5	45%	5	45%
EES	Ikotos	HLSS	27	12	44%	25	93%
EES	Kapoeta East	CCM	12	4	33%	8	67%

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	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%
Warrap	Gogrial East	GOAL	15	13	87%	15	100%
Upper Nile	Maban	WVI + RI	16	10	63%	15	94%
Warrap	Abyei	AAA,Save the Children,MSF	10	9	90%	9	90%
Warrap	Gogrial West	GOAL	31	26	84%	28	90%
Upper Nile	Longechuk	RI	9	8	89%	8	89%
Upper Nile	Fashoda	CORDAID	14	11	79%	12	86%
Upper Nile	Renk	WVI + RI	14	11	79%	12	86%
Upper Nile	Makal	IMC	8	2	25%	6	75%
Upper Nile	Ulang	UNKEA,RI	18	6	33%	10	56%
Upper Nile	Luakpiny Nasir	UNKEA,RI	26	13	50%	14	54%
Warrap	Twic	GOAL	26	13	50%	13	50%
Upper Nile	Maiwut	RI	10	5	50%	5	50%
Upper Nile	Panyikang	IMC	4	1	25%	1	25%
Upper Nile	Baliet	IMC	5	1	20%	1	20%
Upper Nile	Akoka	IMC	5	1	20%	1	20%
Upper Nile	Manyo	CORDAID	8	1	13%	7	88%





Surveillance: EWARS performance indicator by partner for week 18 of 2020

PARTER	# OF SITES	# of reports received on Time	No. of HFs Reported regardless of time	Timeliness	Completeness
IRC	1	1	1	100%	100%
TRI-SS	2	2	2	100%	100%
Medair	2	2	2	100%	100%
UNIDOR	2	2	2	100%	100%
CMD	1	1	1	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	9	10	90%	100%
IOM	13	10	13	77%	100%
IMA	9	7	9	78%	100%
MSF-E	6	3	6	50%	100%
UNH	2	1	2	50%	100%
IMC	5	0	4	0%	80%
RHS	3	1	1	33%	33%
TOTAL	72	55	69	76%	96%

Completeness was 96% and timeliness was 76% for weekly reporting in week 16, 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	Yellow Fever	Meningitis	Total alerts
CES		1	1	1	1					4
EES		1	3	2		2				8
NBGZ		2	6	7		5	2			22
Unity	2	2	4	6	5	3				22
Upper Nile		5	4		2					11
Warrap		1	2	1	2	1				7
WBGZ			4	1	4	1				10
WES		4	3		17			1	1	26
Total alerts	2	16	27	18	31	12	2	1	1	110

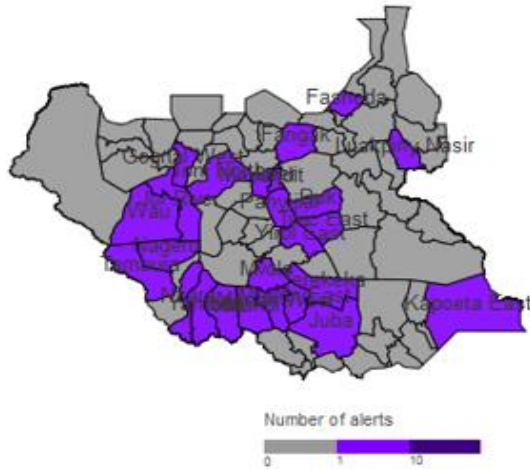
During this week:

- **2 AJS alert: 1 under Monitoring and 1 been responded to**
- **16 ARI: 5 are undergoing verification, 11 been monitored.**
- **27 AWD alert: 14 undergoing verification,13 been monitored**
- **18 ABD: 12 undergoing verification,5 been monitored,1 in response**
- **31 Malaria alerts: 10 undergoing verification, 21 under monitoring**
- **12 Measles alert: 6 undergoing verification,6 under monitoring**
- **2 Neonatal Tetanus alerts: undergoing verification**
- **1 Yellow Fever alert: undergoing verification**
- **1 Meningitis alert: both are undergoing verification**

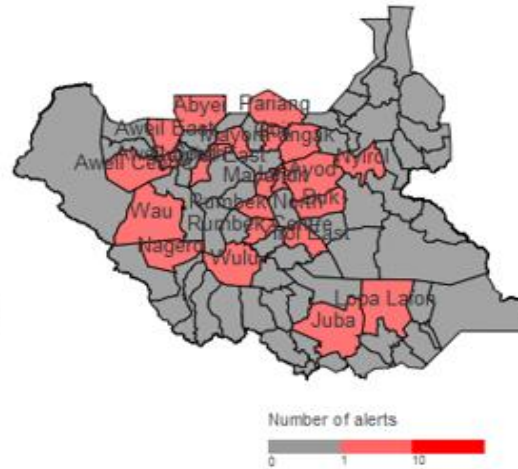
Alert: Map of key disease alerts by county of week 18 of 2020



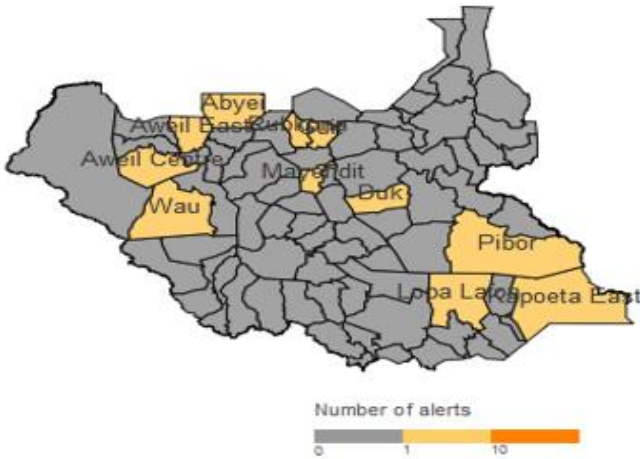
Map 2a | Malaria (W18 2020)



Map 2b | Bloody diarrhoea (W18 2020)

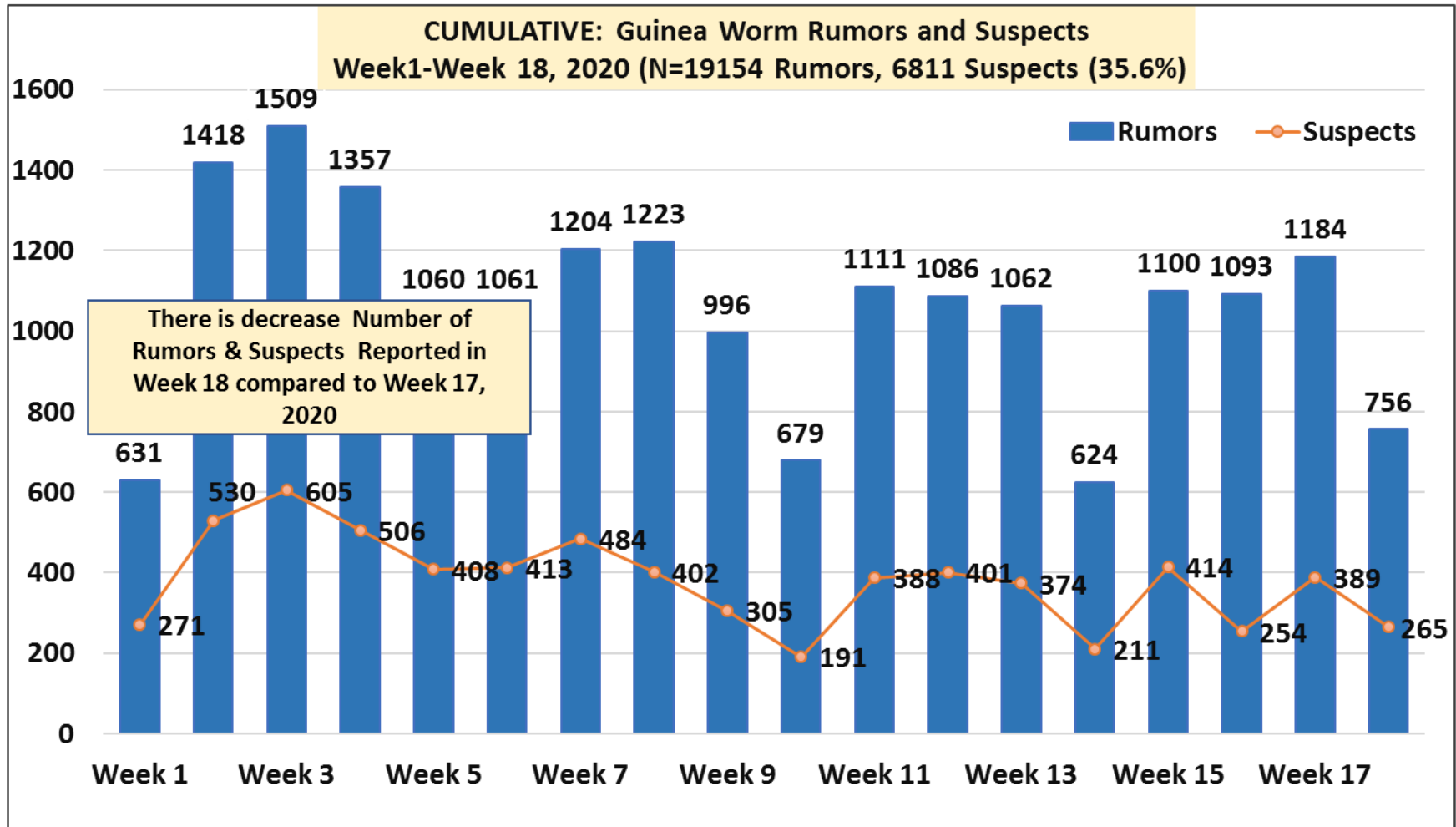


Map 2c | Measles (W18 2020)



W18	Cumulative (2020)	
0	6	Low risk
3	3	Medium risk
0	23	High risk
2	49	Very high risk
86%	75%	% verified
0%	0%	% auto-discarded
1%	2%	% risk assessed
1%	2%	% requiring a response



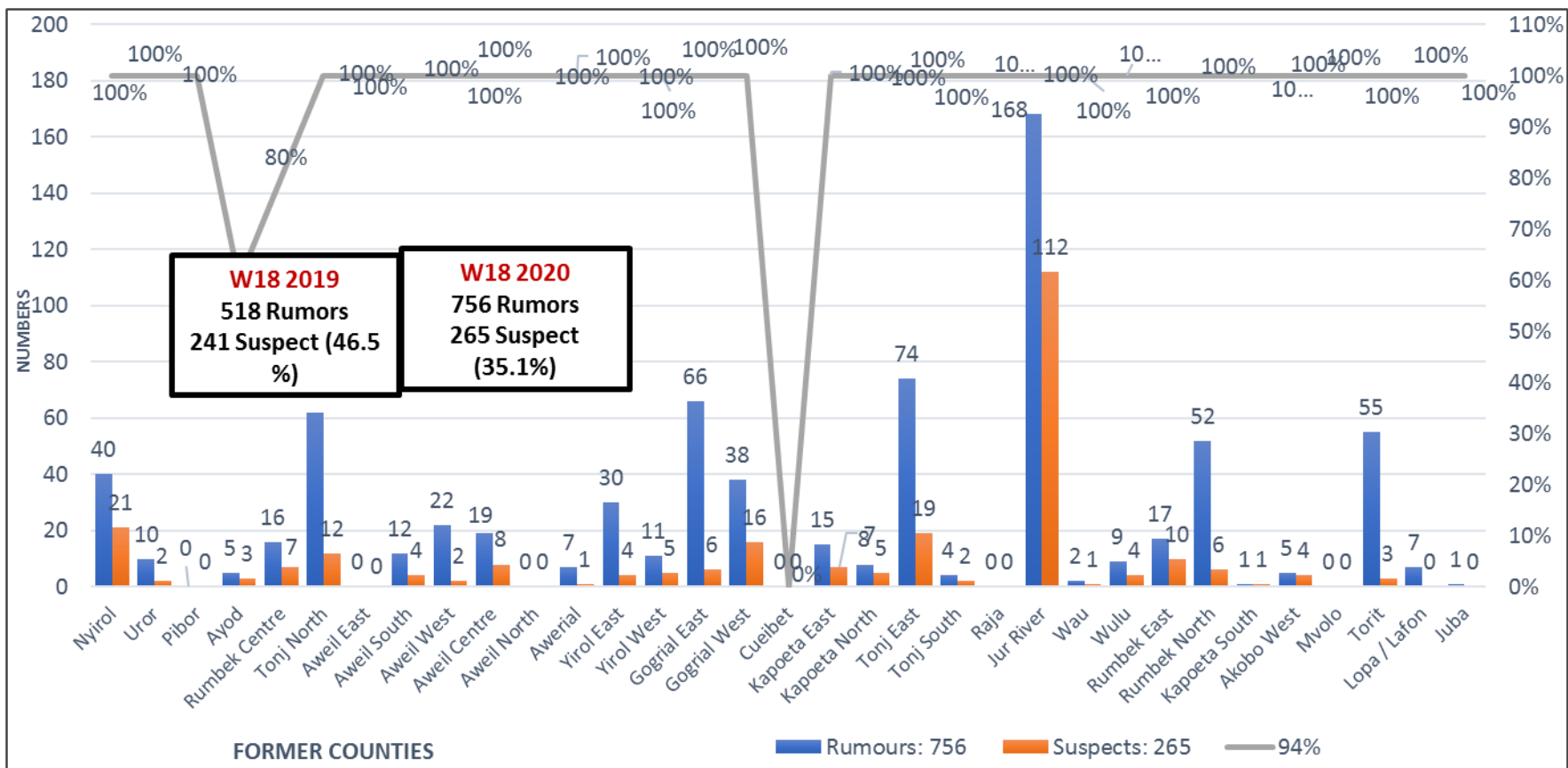


There is decrease in the Number of Rumors and Suspects reported in Week 18 Compared to Week 17.





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



The Reporting Rate for Week 18 Stands at 94%

It's important to Note that the number of Rumors reported in W18 of 2019 is lower than the Rumors reported in 2020. However there is also Increased in 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 **43.3%** of all morbidities and **21.6%** of all mortalities in week 16, 2020

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

- **Warrap hub (Tonj)**

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



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
Ongoing epidemics								
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 18, 2020

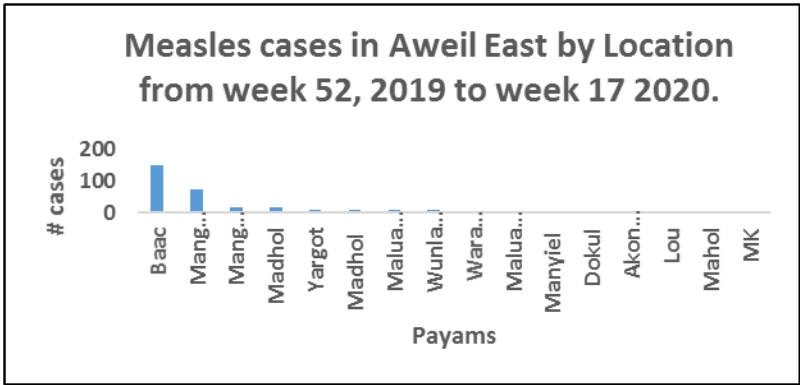
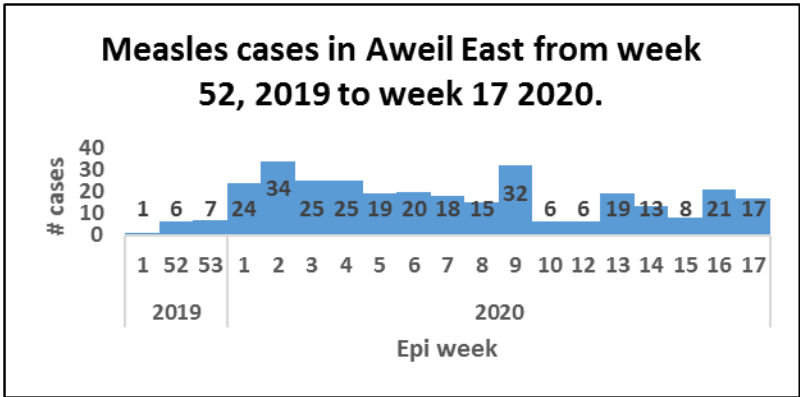


S/N	County	Population	Confirmed cases	Probable cases	Total cases	Cases per 100,000	Total deaths	CFR %	Date first reported	Emergency Campaign	Admin Coverage	Implementing Partner	Status	Comments
1	Tonj East	183,233	13	48	61	33.3	0	0	12-Dec-19	Mass Campaign	Pending result	Mass Campaign	controlled	Mass Campaign 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			440	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
Total		1,427,243	50	265	879	61.6	2	0.23						





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%
Grand Total	316	100%	

Descriptive Epidemiology:

- Initial cases were reported on 2nd 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%

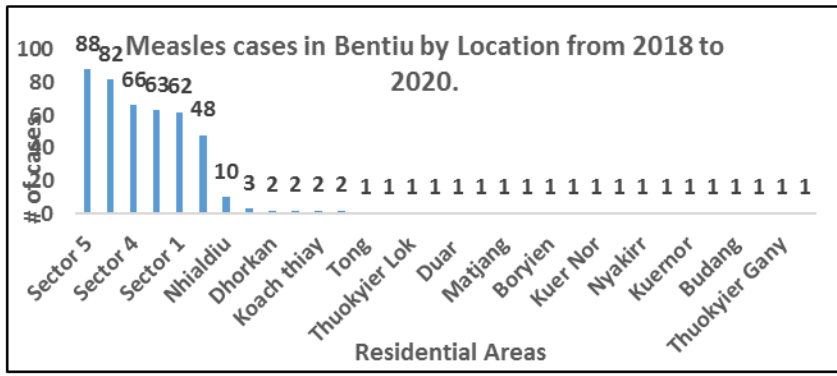
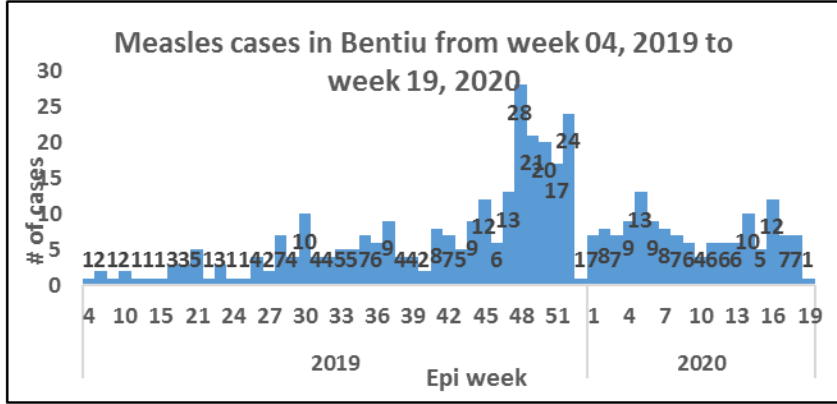
Response Recommendation:

- 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.
- SMOH; WHO; Unicef; IPs at the state level to develop and cost a reactive measles vaccination micro plan targeting the most affected payams (Baac & Mangartong) and their surrounding payams in Aweil East (the micro plan should be shared by Friday 8 May 2020).
- The campaign to target children under five years of age since they are more vulnerable to death from measles.
- The MoH and IPs to strengthen routine immunization including outreaches in the other payams that will not be targeted as part of the reactive campaign.
- Measles case management to continue for all cases identified at the health facilities (see attached guidelines).





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%
Grand Total	450	100%	

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).

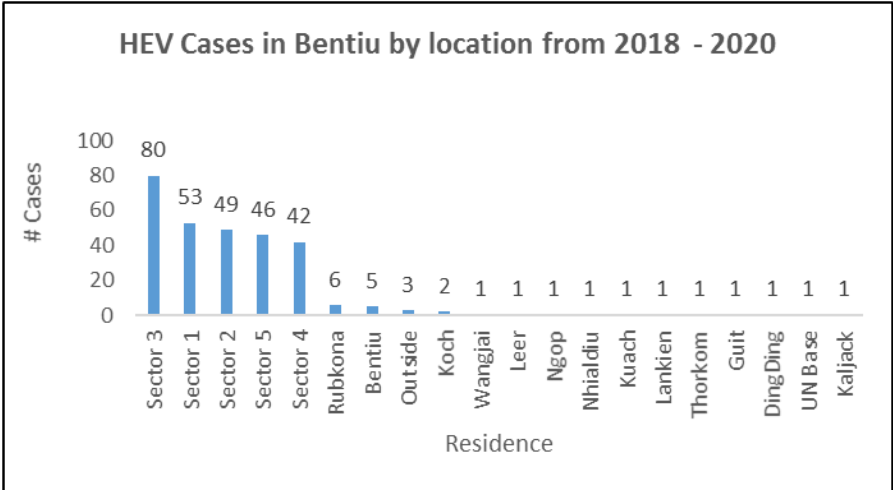
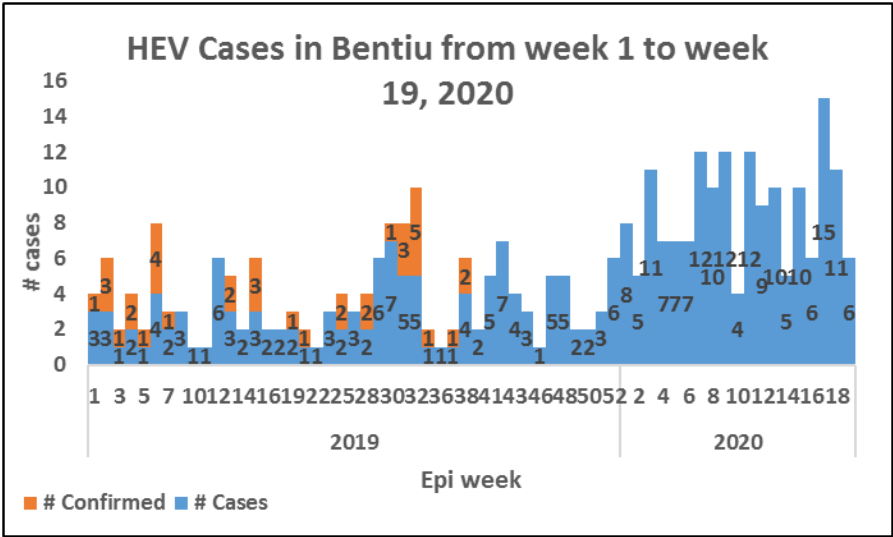
Response actions

- 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 collect samples from suspect cases.





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%
Grand Total	294	3	297	100%	0.01	



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
Controlled epidemics								
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 3th May 2020
- 3462 Cases [3319 confirmed & 143 probable]
- 2279 Deaths [2185 confirmed & 94 probable]

Response update

- From 27 April to 3 May 2020, one new confirmed case of Ebola virus disease (EVD) was reported in the Democratic Republic of the Congo



Novel Coronavirus





Situation update as of 7th May, 2020

Situation in numbers (by WHO Region)

Total (new cases in last 24 hours)

Globally	3 588 773 cases (71 463)	247 503 deaths (4102)
Africa	33 973 cases (1403)	1202 deaths (90)
Americas	1 507 148 cases (29 701)	81 070 deaths (1480)
Eastern Mediterranean	221 230 cases (7854)	8290 deaths (175)
Europe	1 593 828 cases (27 179)	147 780 deaths (2178)
South-East Asia	76 998 cases (4310)	2821 deaths (139)
Western Pacific	154 884 cases (1016)	6327 deaths (40)

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



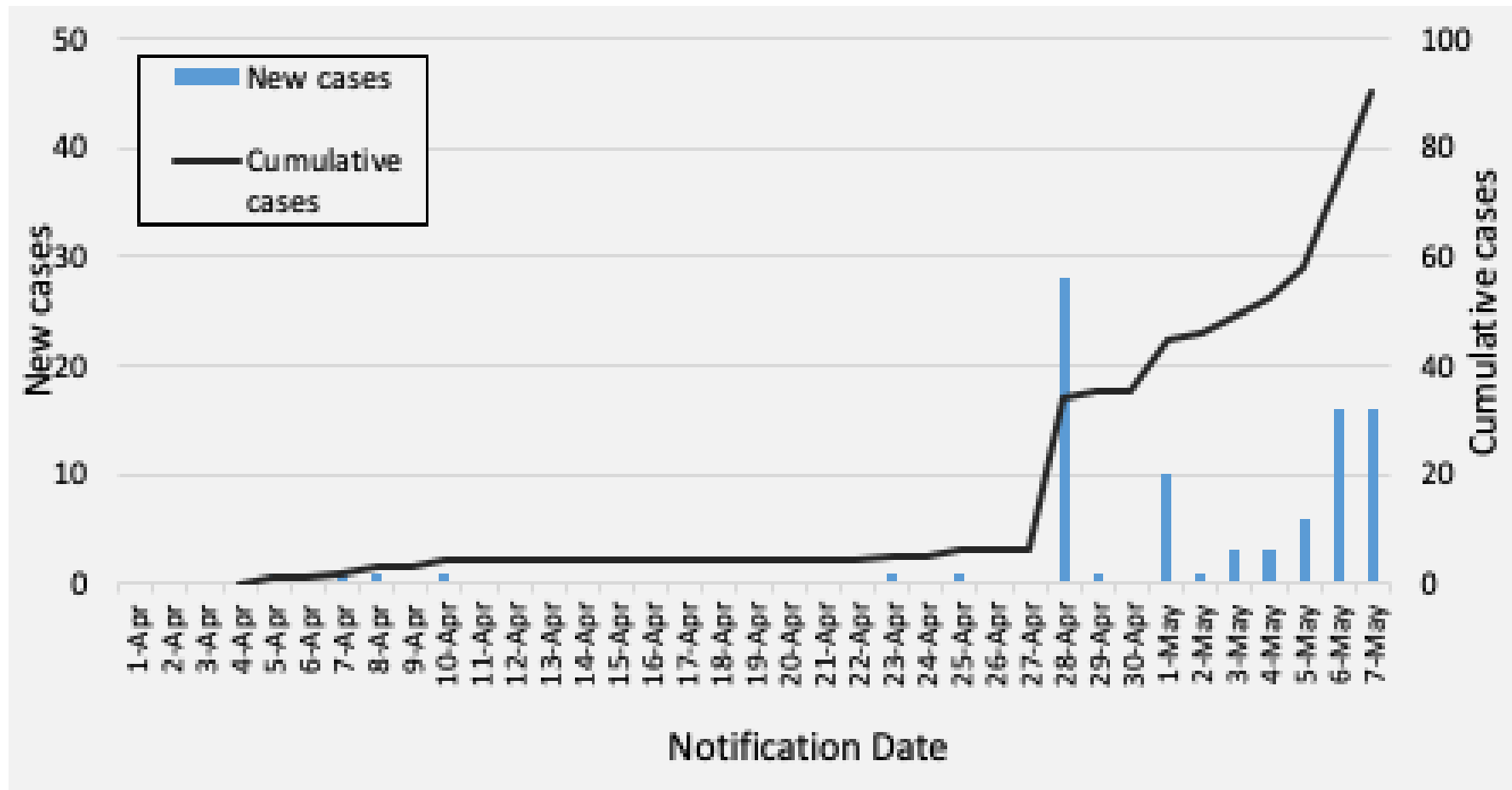
COVID-19 Response in South Sudan

- 58 confirmed COVID-19 cases in South Sudan; 57 in Juba and 01 in Torit; with 299 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



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



Distribution of COVID-19 cases in South Sudan

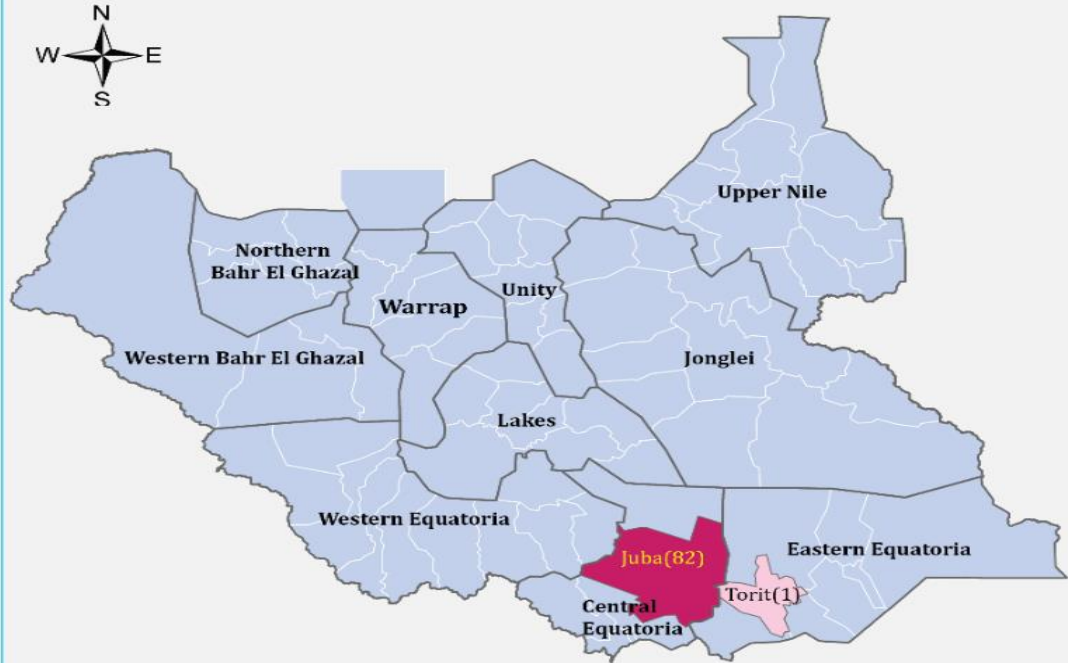


Covid-19 Case Distribution in South Sudan.



Data as recieved by WHO From MOH by 7:00 PM (EST) May 7, 2020

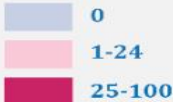
Map Created By: WHO (HIM) Unit South Sudan



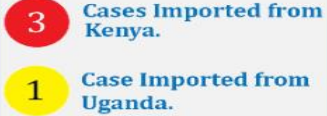
Distribution of Imported COVID-19 Cases.



COVID-19 Cases at County



Imported COVID-19 Cases.



Note: There are 3 Imported cases pending Classification.

DISCLAIMER

The designations employed and the presentation of the material on this map do not imply the expression of any opinion whatsoever on the part of the secretariate of the United Nations concerning the legal status of any country territory, city, area or of its authorities or concerning the delimitation of its frontiers or boundaries.

The majority of the cases have been reported in Juba; one case in Torit ; 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 18, is above the target of 80%. All 10 states were above 80%
- 174 COVID-19 cases confirmed and isolated in Juba, Yei, Abyei, Nyirol, Rubkona and Torit. A total of 529 contacts identified, quarantined and under follow up.
- Cumulative total of alerts is 237, of these, 219 (92%) 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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Notes

WHO and the Ministry of Health gratefully acknowledge the surveillance officers [at state, county, and health facility levels], health cluster and health pooled fund (HPF) partners who have reported the data used in this bulletin. We would also like to thank ECHO and USAID for providing financial support.

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>

