

# South Sudan

## Integrated Disease Surveillance and Response (IDSR)

Epidemiological Bulletin Week 15, 2020 (April 06 – April 12)



## Major Epidemiological Highlights in week 15 of 2020

- In week 15, 2020 IDSR reporting completeness was 88% and timeliness was 87% at health facility level. EWARN reporting both completeness and timeliness were 87%
- Of the 94 alerts in week 15, 2020; 62% were verified 0% were risk assessed and 0% required a response. Malaria (23), AWD (12), measles (6) and bloody diarrhea (18) were the most frequent alerts in week 15, 2020
- During the week, 15 COVID-19 alerts reported and investigated from CES(2); UNS(1); US(1); WES(6); EES(2); WBG(1); WRP(1); & JS(1).
- A cumulative of four (4) confirmed COVID-19 cases and isolated in Juba (3) & Torit (1). A total of 97 contacts listed, quarantined and under follow up.
- Since week 7 of 2019, a total of 301 ILI/SARI samples have been collected and tested in UVRI 228 being negative; 6 (3%) positive for Influenza B (Victoria); 13(7%) positive for Influenza A (H3); and 12(6%) positive for Influenza A (H1)pdm09 and (20) samples are pending test results

# SURVEILLANCE PERFORMANCE

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

## IDSR Timeliness and Completeness Performance at Facility Level for week 15, 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	WES	AMREF, World Vision, CUAMM, CDTY, OPEN	213	204	96%	204	96%
2nd	Warrap	GOAL, CCM, WVI, Malaria Consortium, UNKEA, Save the Children, MSF	120	111	93%	111	93%
3rd	CES	HLSS, SSUHA, Healthnet TPO, IHO, GOAL, TRI-SS, THESO	125	113	90%	113	90%
4th	EES	Cordaid, HLSS, CCM	145	126	87%	129	89%
5th	WBG	Cordaid, Healthnet TPO, CARE International	76	66	87%	68	89%
6th	Jonglei	Nile Hope, MDM, JDF, Livewell, CMD, HFO, EDA, CRADA, Malaria Consortium, CMA	150	131	87%	131	87%
7th	NBG	Malaria Consortium, Healthnet TPO, IRC, CEDS, IHO	130	110	85%	111	85%
8th	Lakes	Doctors with Africa (CUAMM), LIVEWELL	113	94	83%	94	83%
9th	Upper Nile	Cordaid, WVI, RI, IMC, NIDO, UNKEA, MC, SSAID	115	94	82%	97	84%
10th	Unity	Cordaid, UNIDOR, IRC, CHADO, CARE International, CRADA, CASS	91	64	70%	66	73%
	South Sudan		1278	1113	87%	1124	88%

### 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 87% and completeness was 88%. 9 states were above the target of 80% with highest reporting rate in WES with completeness of 96%.

## IDSR Timeliness and Completeness Performance at County Level for week 15, 2020 (1)

Counties	Supporting Partners	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	Counties	Supporting Partners	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
Rumbek Centre	Doctors with Africa (CUAMM)	23	9	39%	9	39%	Gogrial West	GOAL	32	28	88%	28	88%
Rumbek East	Doctors with Africa (CUAMM)	24	22	92%	22	92%	Gogrial East	GOAL	15	15	100%	15	100%
Rumbek North	Doctors with Africa (CUAMM)	7	5	71%	5	71%	Abyei	AAA,Save the Children,MSF	10	10	100%	10	100%
Wulu	Doctors with Africa (CUAMM)	14	14	100%	14	100%	Tonj East	CCM	12	12	100%	12	100%
Cueibet	Doctors with Africa (CUAMM)	15	15	100%	15	100%	Tonj South	CCM	12	12	100%	12	100%
Yirol East	Doctors with Africa (CUAMM),LIVEWELL	11	10	91%	10	91%	Tonj North	CCM	14	14	100%	14	100%
Yirol West	Doctors with Africa (CUAMM)	12	12	100%	12	100%	Twic Mayardit	GOAL	26	20	77%	20	77%
Awerial	Doctors with Africa (CUAMM)	7	7	100%	7	100%	Bor	MDM + JDF	35	35	100%	35	100%
Yambio	World Vision International	42	37	88%	37	88%	Duk	MDM + JDF	15	15	100%	15	100%
Ibba	AMREF	11	11	100%	11	100%	Pibor	LIVEWELL,CRADA	5	3	60%	3	60%
Maridi	AMREF	26	25	96%	25	96%	Akobo	NILE HOPE	8	7	88%	7	88%
Mundri West	CUAMM	21	21	100%	21	100%	Fangak	CMD,HFO	16	15	94%	15	94%
Mundri East	CUAMM	19	17	89%	17	89%	Uror	Nile Hope,Malaria Consortium	8	5	63%	5	63%
Tambura	World Vision International	26	26	100%	26	100%	Nyirol	CMA,Malaria Consortium	10	10	100%	10	100%
Mvolo	CUAMM	11	11	100%	11	100%	Twic East	MDM + JDF	11	11	100%	11	100%
Nzara	World Vision International	20	20	100%	20	100%	Ayod	CMD,EDA	15	15	100%	15	100%
Nagero	World Vision International	10	9	90%	9	90%	Pochalla	LIVEWELL	9	7	78%	7	78%
Ezo	World Vision International	27	27	100%	27	100%	Pigi Canal	IMC	11	8	73%	8	73%
Abiemnhom	Cordaid	4	4	100%	4	100%	Mayendit	CASS	13	0	0%	0	0%
Koch	CRADA,IRC.	6	5	83%	5	83%	Guit	CHADO	7	5	71%	7	100%

## IDSR Timeliness and Completeness Performance at County Level for week 15, 2020 (2)

Counties	Supporting Partners	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
Malakal	IMC	8	3	38%	3	38%
Akoka	IMC	5	1	20%	3	60%
Baliet	IMC	5	0	0%	0	0%
Renk	WVI + RI	13	13	100%	13	100%
Melut	WVI + RI	8	8	100%	8	100%
Manyo	CORDAID	8	2	25%	2	25%
Maiwut	RI	5	5	100%	5	100%
Fashoda	CORDAID	14	13	93%	13	93%
Ulang	UNKEA,RI	18	7	39%	7	39%
Maban	WVI + RI	16	14	88%	14	88%
Luakping Nasir	UNKEA,RI	26	21	81%	22	85%
Longechuk	RI	9	7	78%	7	78%
Panyikang	IMC	4	0	0%	0	0%
Aweil West	HealthNetTPO	37	32	86%	32	86%
Aweil East	IRC,TADO	36	31	86%	32	89%
Aweil Center	Malaria Consortium(MC)	15	14	93%	14	93%
Aweil South	Malaria Consortium(MC),IHO	9	9	100%	9	100%
Aweil North	HealthNetTPO,IHO	33	24	73%	24	73%
Pariang	CARE International	11	7	64%	7	64%
Panyijjar	IRC	15	15	100%	15	100%

Counties	Supporting Partners	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
Juba	HLSS	42	42	100%	42	100%
Kajo-Keji	SSUHA,GOAL,TRI-SS	16	15	94%	15	94%
Yei	SSUHA	20	17	85%	17	85%
Lainya	SSUHA	16	12	75%	12	75%
Morobo	SSUHA,THESO	5	5	100%	5	100%
Terekeka	HealthNetTPO	25	21	84%	21	84%
Torit	Cordaid	20	15	75%	15	75%
Lopa Lafon	HLSS	18	17	94%	17	94%
Ikotos	HLSS	27	27	100%	27	100%
Magwi	HLSS	22	19	86%	20	91%
Budi	Cordaid	21	16	76%	16	76%
Kapoeta South	CCM	10	10	100%	10	100%
Kapoeta East	CCM	12	7	58%	8	67%
Kapoeta North	CCM	16	14	88%	15	94%
Wau	Cordaid	27	23	85%	25	93%
Raja	HealthNetTPO	14	8	57%	8	57%
Jur River	Cordaid	35	35	100%	35	100%
Rubkona	Cordaid,IRC,IOM,MSF	15	13	87%	13	87%
Mayom	CASS	9	9	100%	9	100%
Leer	UNIDOR	11	6	55%	6	55%





## Surveillance | EWARS surveillance performance indicators by partner week 15, 2020

Partner	Performance		Reporting	
	# of sites	# of reports received	Completeness	Timeliness
CMD	1	1	100%	100%
GOAL	2	2	100%	100%
HAA	4	4	100%	100%
HLSS	1	1	100%	100%
HFO	3	2	67%	67%
IMA	9	9	100%	100%
IMC	5	5	100%	100%
MDM	10	10	100%	100%
SMC	6	6	100%	100%
IOM	12	11	92%	92%
IRC	1	1	100%	100%
MEDAIR	2	2	100%	100%
MSF-E	6	6	100%	100%
MSF-H	5	2	40%	40%
RHS	3	1	33%	33%
TADO	5	2	40%	40%
TRI-SS	2	2	100%	100%
UNH	3	2	67%	67%
UNIDOR	2	2	100%	100%
WORLD RELIEF	2	2	100%	100%
<b>TOTAL</b>	<b>84</b>	<b>73</b>	<b>87%</b>	<b>87%</b>

- Both completeness and timeliness were 87% for weekly reporting in week 15, 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 15, 2020 [A total of 94 event specific alerts generated by state]

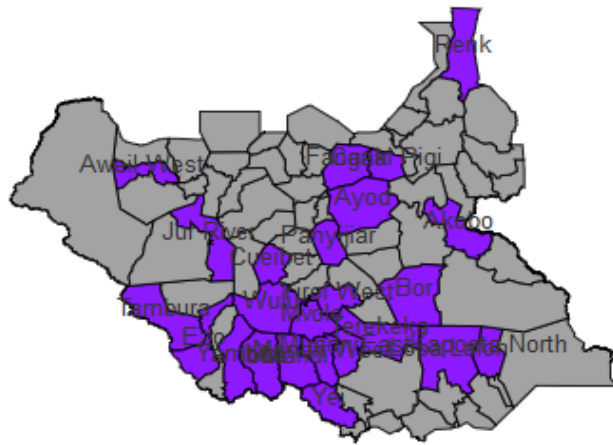
States	AJS	ARI	Acute Watery Diarrhoea	Bloody Diarrhoea	AFP	Malaria	Measles	Total Alerts
Jonglei								0
Warrap			1	3				4
EES		3		6		2	1	12
Unity	2	3	1	4		1	1	12
WES		18	4	3		16	2	43
CES		1	1			1	1	4
NBG					1			1
Lakes								0
WBG		3	2	1		1	1	8
UNS		4	3	1		2		10
<b>Total Grand</b>	<b>2</b>	<b>32</b>	<b>12</b>	<b>18</b>	<b>1</b>	<b>23</b>	<b>6</b>	<b>94</b>

### During this week:

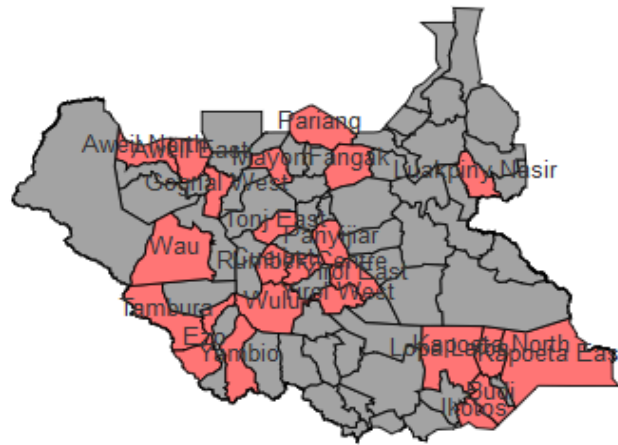
- 2 AJS alert: All are under monitoring
- 32 ARI: 26 are undergoing verification, 6 been monitored
- 12 AWD alert: 6 undergoing verification, 6 been monitored
- 18 ABD: 11 undergoing verification, 7 been monitored.
- 23 Malaria alerts: 21 undergoing verification, 2 under monitoring
- 6 Measles alert: 3 undergoing verification and 3 under monitoring
- 1 AFP alert: undergoing verification

# Alert | Map of key disease alerts by county week 15, 2020

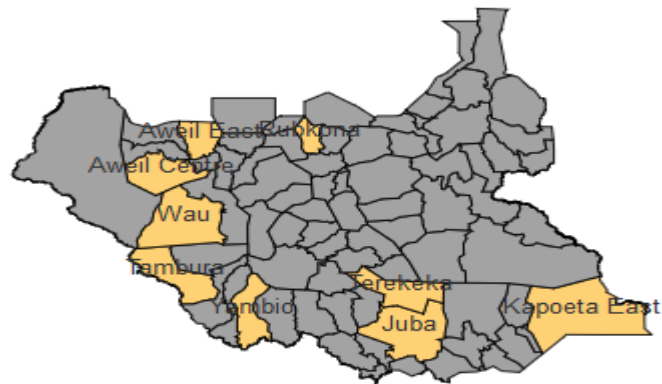
Map 2a | Malaria (W15 2020)



Map 2b | Bloody diarrhoea (W15 2020)



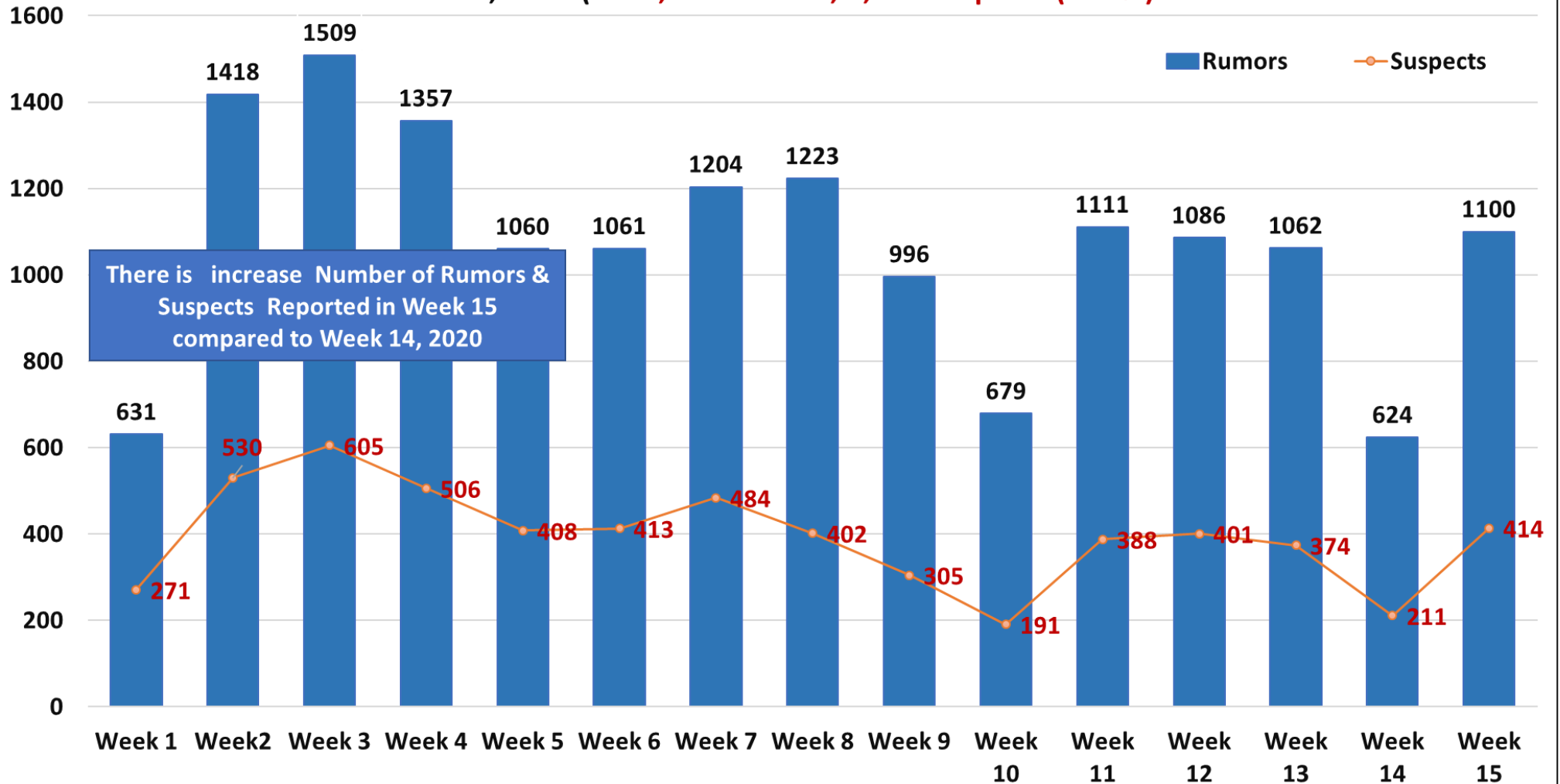
Map 2c | Measles (W15 2020)



62%	72%	% verified
0%	0%	% auto-discarded
0%	2%	% risk assessed
0%	2%	% requiring a response

W15	Cumulative (2020)	
0	1	Low risk
1	1	Medium risk
0	22	High risk
0	39	Very high risk

**CUMULATIVE: Guinea Worm Rumors and Suspects**  
**Week1-Week 15, 2020 (N=16,121 Rumors, 5,903 Suspects (36.6%))**

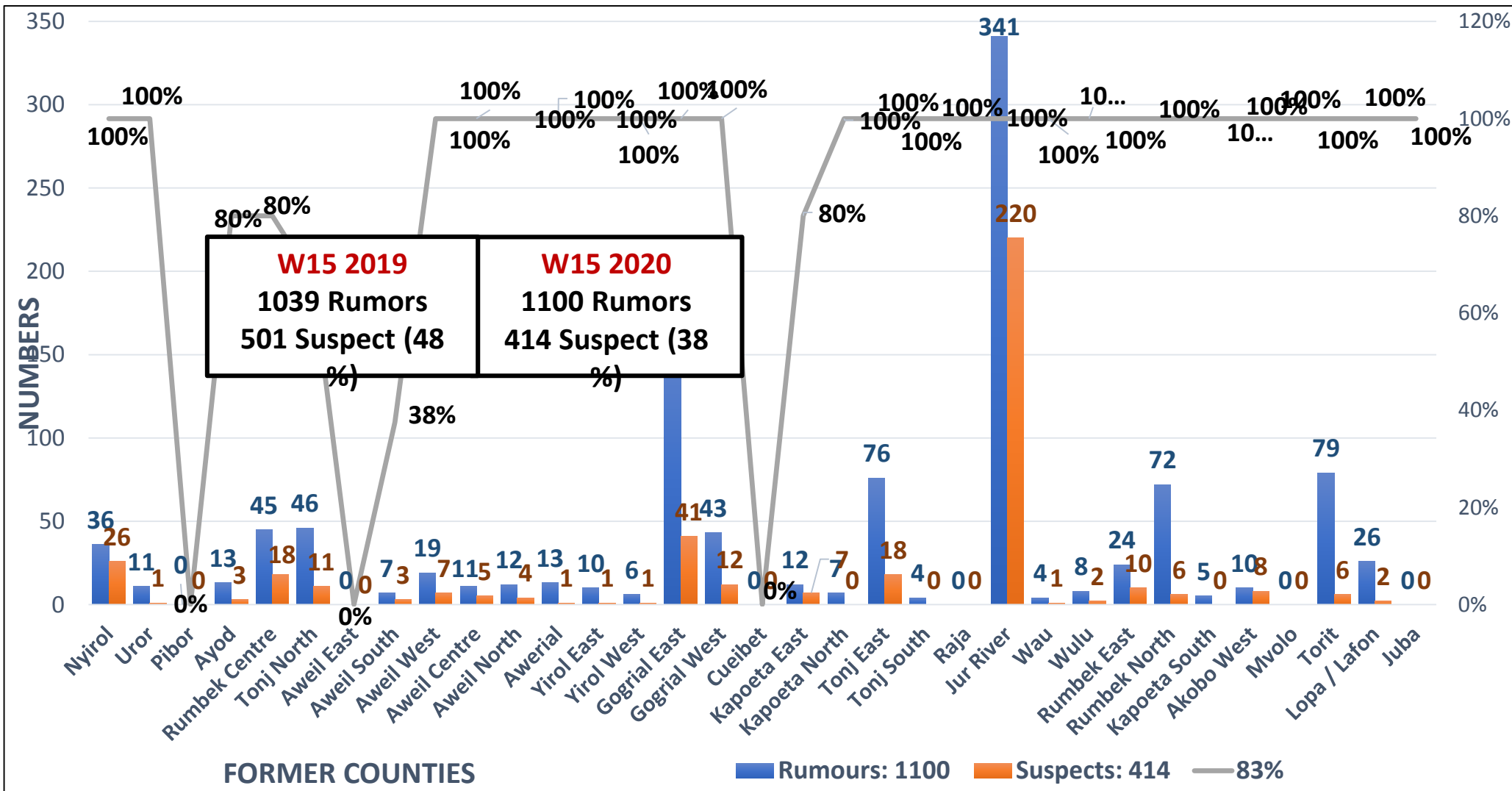


There is increase Number of Rumors & Suspects Reported in Week 15 compared to Week 14, 2020

There is a increase in the Number of Rumors and Suspects reported in Week 15 Compared to Week 14.



# Former Counties that reported Rumors, and Suspects during 05th – 11th April 2020 (15th Week) (n=32)



The Reporting Rate for Week 15 Stands at 83%

# SUSPECTED OUTBREAKS IN 2019

Major suspected outbreaks in South Sudan in  
2020

## EVD Suspect cases in South Sudan 2018 and 2019 as of week 11, 2020

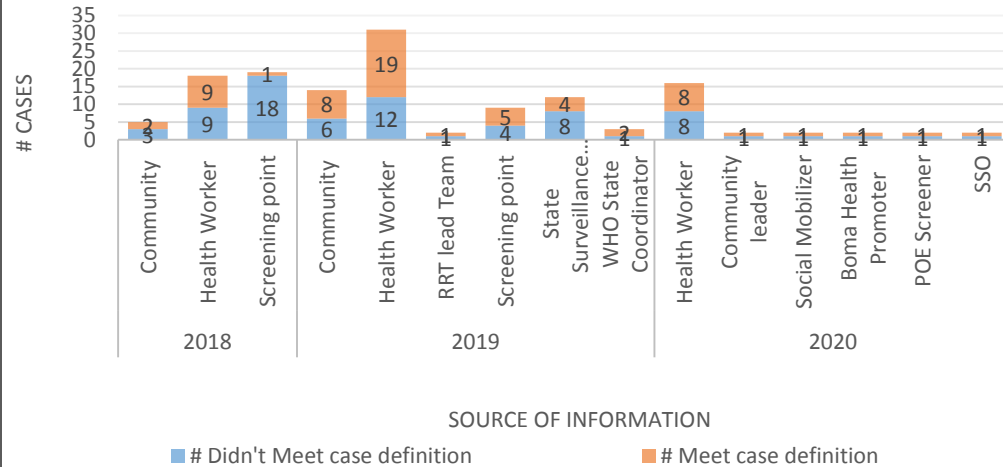
Met EVD cases definition			
<b>2018</b>	<b>30</b>	<b>12</b>	<b>42</b>
Community	3	2	5
Health Worker	9	9	18
Screening point	18	1	19
<b>2019</b>	<b>32</b>	<b>39</b>	<b>71</b>
Community	6	8	14
Health Worker	12	19	31
RRT lead Team	1	1	2
Screening point	4	5	9
State Surveillance Officer	8	4	12
WHO State Coordinator	1	2	3
<b>2020</b>	<b>13</b>	<b>13</b>	<b>26</b>
Health Worker	8	8	16
Community leader	1	1	2
Social Mobilizer	1	1	2
Boma Health Promoter	1	1	2
POE Screener	1	1	2
SSO	1	1	2
<b>Grand Total</b>	<b>75</b>	<b>64</b>	<b>139</b>

- Since August 2018, at least 139 suspect EVD cases have been reported, of which:
- 26 (18.7%) have been reported in 2020
- Most of the suspect EVD cases have been reported by health workers at health facility level
- One alert was reported in week 11, 2020



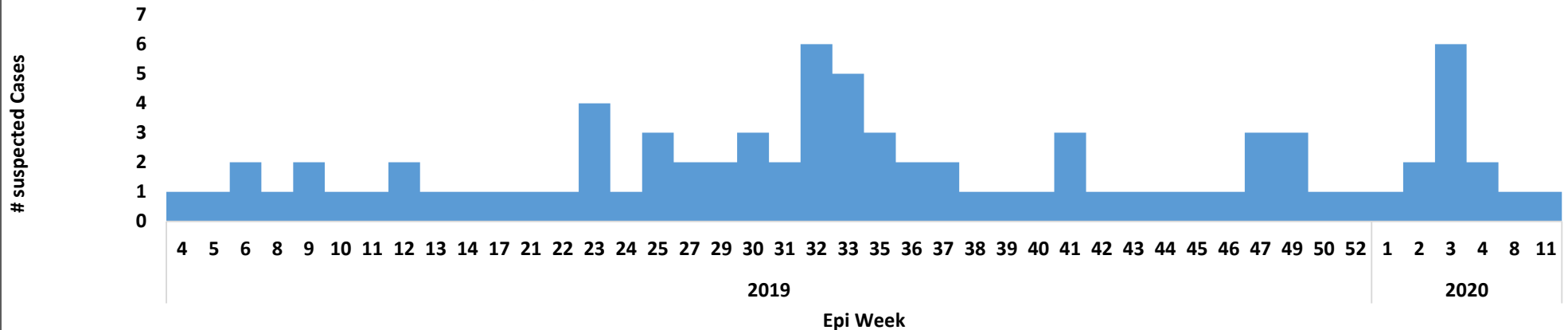
# EVD Suspect cases in South Sudan 2018, 2019 and 2020 as of week 11, 2020

NUMBER OF CASES THAT MET AND DID NOT MEET EVD CASE DEFINITION FROM 2018 TO 2020 BY SOURCE OF INFORMATION



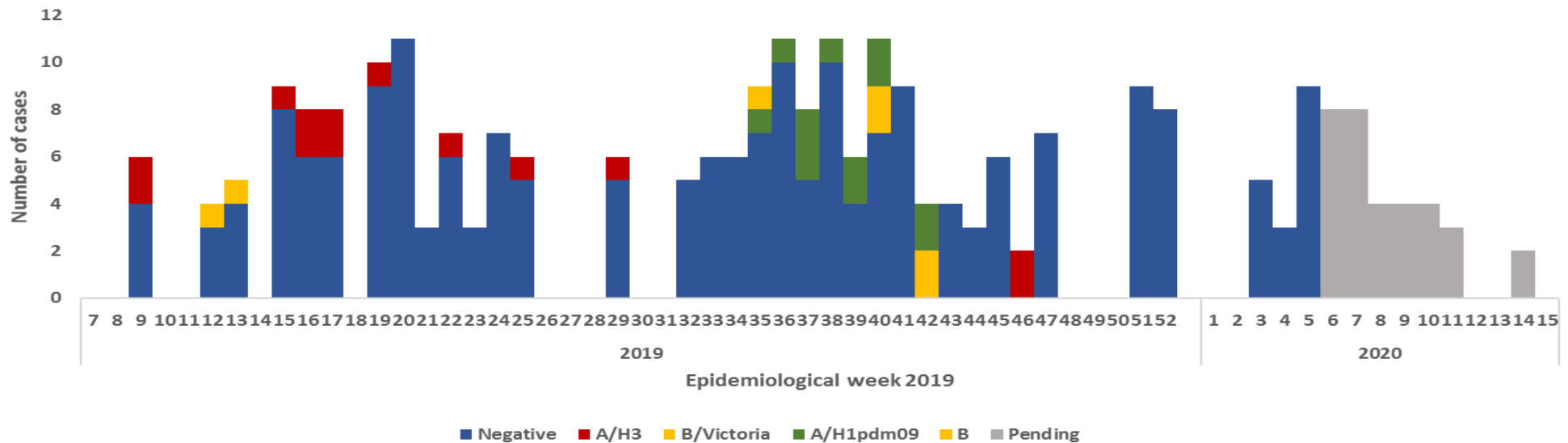
- Most of the suspect EVD cases have been reported in adults 18 years and above (72%)
- Similarly, most suspect EVD cases have been reported in males (56%)
- The distribution suspect EVD cases in both children <18years and adults ≥18yrs is skewed towards the males

EVD suspected cases by epi week and EVD cases definition (CD), South Sudan - 2019 and 2020.



## Routine Sentinel Surveillance | Human Influenza

Influenza isolates from sentinel sites in Juba, wk 7, 2019 to wk 15, 2020.



- 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
- There are currently two designated Influenza sentinel surveillance sites in Juba (Juba Teaching Hospital and Al Sabah Children’s Hospital) that are collecting epidemiological data and samples from ILI/SARI cases
- Since week 7 of 2019, a total of 301 ILI/SARI samples have been collected and tested in UVRI 228 being negative; 6 (3%) positive for Influenza B (Victoria); 13(7%) positive for Influenza A (H3); and 12(6%) positive for Influenza A (H1)pdm09 and (20) samples are pending test results .
- Since the beginning of 2019; Influenza A (H3) has been the predominant isolate. However, Influenza A (H1)pdm09 emerged from week 35 as a new circulating strain.

## Response | Suspect epidemics; Current Malaria trends 15, 2020

Malaria was the leading cause of morbidity and mortality, accounting for **85.6%** of all morbidities and **18.1%** of all mortalities in week 09, 2020

There are no counties with malaria trends that exceeded the threshold (third quartile of trends for the period 2013-2017):

### 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

# Measles/Rubella Lab results update March and April,2020

S/N	County	Number of samples tested	No. Of New Measles IgM +ve	No. Of New Rubella IgM +ve
1	Aweil East	13	3	1
2	Tambura	2	0	1
3	Yambio	4	0	4
4	Kapoeta South	3	1	2
5	Wau	4	0	0
6	Bor	1	0	0
7	Aweil Center	1	0	0
8	Rumbek Center	1	0	1
9	Juba	1	0	1
<b>Total</b>		<b>30</b>	<b>4</b>	<b>10</b>

- A total of 30 Samples received from 9 counties in March and April 2020
- Three of the Four measles IgM positive are from Aweil East County
- Out of the 30 samples tested ten are positive for Rubella IgM
- There is Rubella outbreak in Yambio County as all four samples are positive for Rubella IgM

# 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	3	262 (0.011)	Yes	No	Yes	Yes
Measles	Bentiu PoC	24/04/2019	11	434 (0.025)	Yes	Yes	Yes	N/A
Measles	Aweil East	29/12/2019	7	273 (0.025)	Yes	Yes	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
- ❑ No new confirmed outbreak

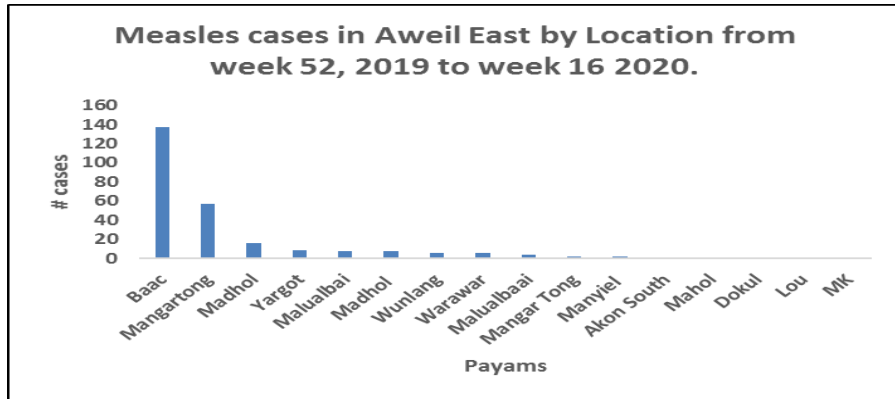
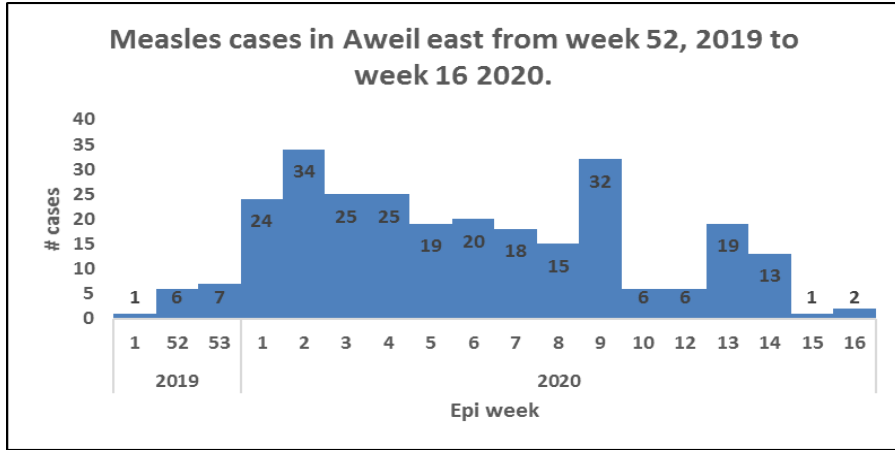




# Measles Outbreak situation & response by county as of week 15, 2020

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	257	39.4	0	0	2-Jan-20				active	
6	Bentiu Poch	115,479			434	83	2	2	1-Jan-19	Reactive campaign	126%	IOM	Active	Reactive campaign 20 Jan 2020
<b>Total</b>		<b>777,069</b>	<b>47</b>	<b>265</b>	<b>792</b>	<b>47.46</b>	<b>0</b>	<b>0</b>						

# Confirmed Measles Outbreak in Aweil East County



Age group	Cases	% Cases	Cum. %
0 - 4 Years	139	51%	51%
15+ Years	57	21%	72%
5 - 9 Years	41	15%	87%
10 - 14 Years	36	13%	100%
<b>Grand Total</b>	<b>273</b>	<b>100%</b>	

## Descriptive Epidemiology:

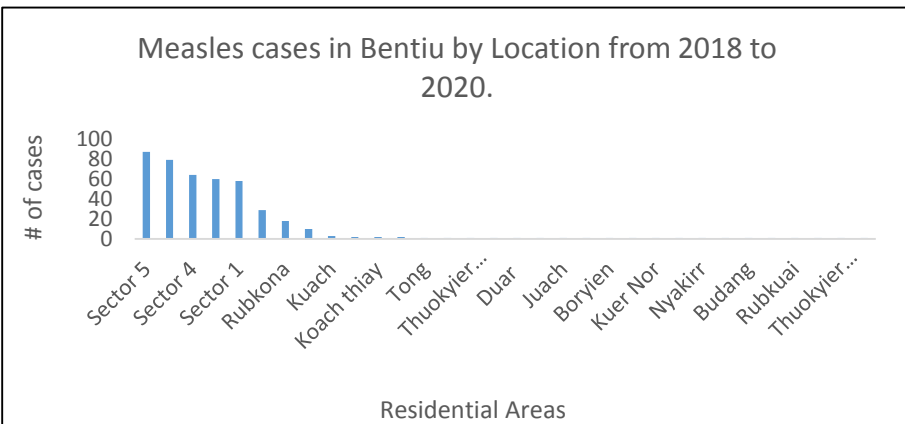
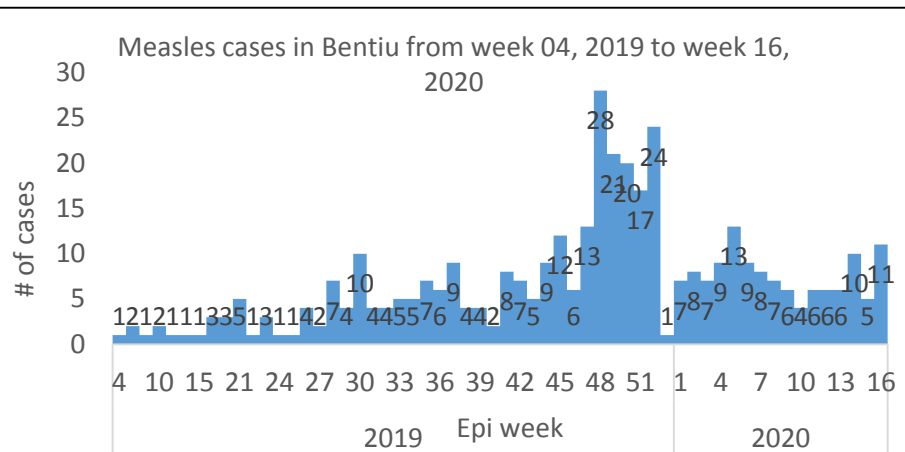
- Initial cases were reported on 2<sup>nd</sup> Jan 2020
- A total of 273 suspected measles cases have been line listed in Aweil East county
- Majority of the cases were from Baac and Mangartong payams
- 2 new cases were reported in week 16, 2020
- (139) 51% of the cases are less than 5 years of age
- Male were 56% of cases and female were 44%

## Response and Recommendations

- 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.
- Majority of the cases reported this week were from Baac payam with administrative coverage of 73% which is not sufficient to interrupt transmission.
- Total of 21 samples were; 10 tested measles IgM +ve and 2 rubella IgM positive.
- Surveillance and line-listing are ongoing
- Case management is ongoing

# Response | Confirmed epidemics

## Confirmed Measles and Rubella outbreak in Bentiu PoC



Age Group	Cases	Percentage	Cum. %
0 - 4 Years	413	95%	95%
5 - 9 Years	12	3%	98%
10 - 14 Years	6	1%	99%
15+ Years	3	1%	100%
<b>Grand Total</b>	<b>434</b>	<b>100%</b>	

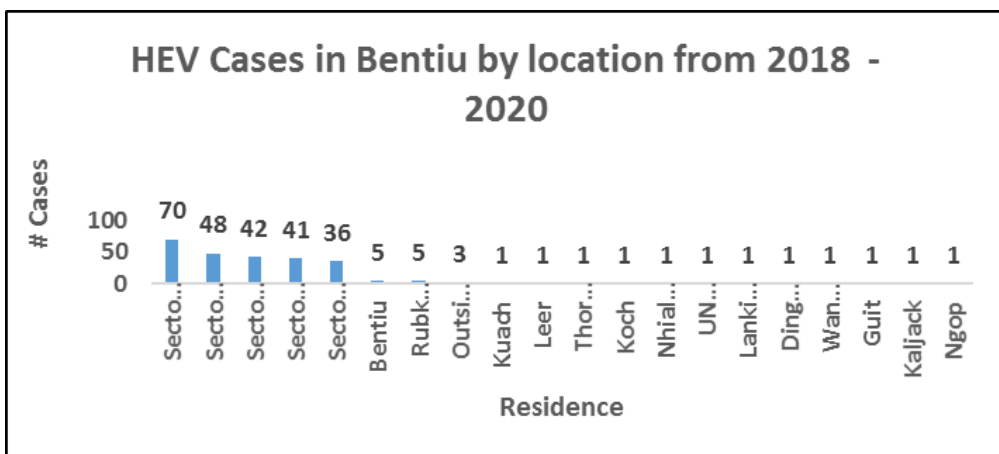
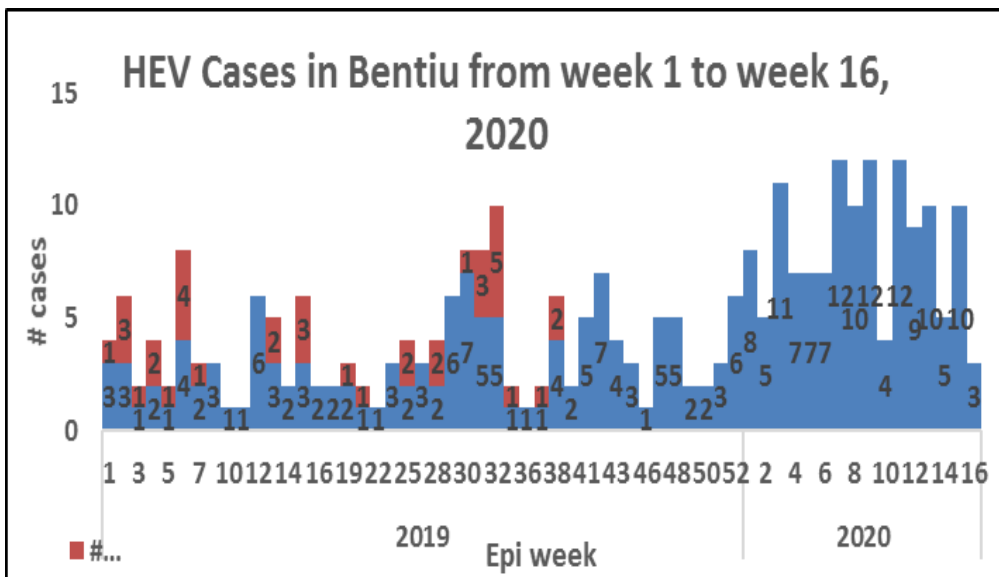
### Epidemiological description

- Bentiu PoC has been reporting suspected measles/rubella cases since week 4 of 2019.
- 11 new cases reported in week 16, 2020
- At least 434 measles cases including 1 death (CFR 0.3%) 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 advised to collect samples from suspect cases.

## Hepatitis E, Bentiu PoC (1)



### Descriptive epidemiology

- The persistent transmission of HEV in Bentiu PoC continues with 262 cases since beginning of 2019
- There was (03) new cases reported in week 16, 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 (76%) 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 14, 2020; there were 46 cases of HEV in Bentiu PoC including 2 deaths (CFR 0.27%)

Age-Group	Alive	Dead	Grand Total	Percentage	CFR	Cum. %2
1 - 4 Years	88		88	34%	0%	34%
10 - 14 Years	43		43	16%	0%	50%
15+ Years	61	2	63	24%	3%	74%
5 - 9 Years	67	1	68	26%	1%	100%
<b>Grand Total</b>	<b>259</b>	<b>3</b>	<b>262</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

# Response | Summary of major controlled outbreaks in 2019 and 2020

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	6	61(0.98)	yes	Yes	Yes	N/A
Measles	Bor	17/01/2020	3	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



# Ebola update DRC 21 April 2020

## Current situation

- Currently as of 19 April 2020
- 3461 Cases [ 3318 confirmed & 143 probable]
- 2279 Deaths [2185 confirmed & 94 probable]

## Response update

- From 13 to 19 April 2020, four new confirmed cases of Ebola virus disease (EVD) were reported in the Democratic Republic of the Congo, all from Beni Health Zone in North Kivu Province

## Affected health zones

- As of 19 April 2020, a total of 3461 EVD cases, including 3316 confirmed and 145 probable cases have been reported., of which 2279 cases died (overall case fatality ratio 66%).

# Novel Coronavirus

# Novel Corona Virus Situation Summary

- Situation update as of 22nd April, 2020

## SITUATION IN NUMBERS total (new cases in last 24 hours)

### Globally

2 471 136 confirmed (73 920)

169 006 deaths (6058)

### European Region

1 219 486 confirmed (32 302)

109 952 deaths (3618)

### Region of the Americas

925 291 confirmed (32 172)

44 775 deaths (2089)

### Eastern Mediterranean Region

139 349 confirmed (4879)

6326 deaths (141)

### Western Pacific Region

136 271 confirmed (1765)

5793 deaths (108)

### South-East Asia Region

33 912 confirmed (2242)

1427 deaths (86)

### African Region

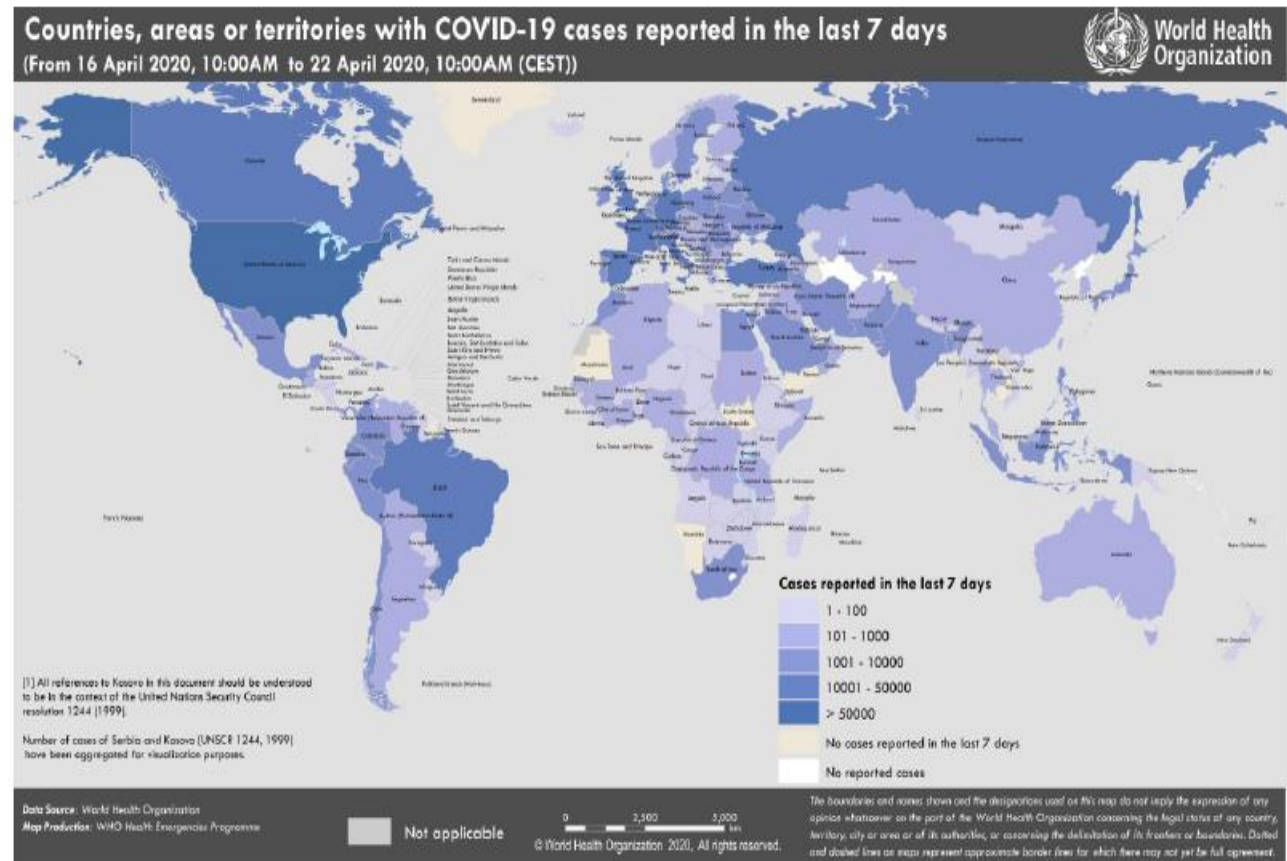
16 115 confirmed (560)

720 deaths (16)

### WHO RISK ASSESSMENT

Global Level **Very High**

Figure 1. Countries, territories or areas with reported confirmed cases of COVID-19, 22 April 2020



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

# COVID-19 Preparedness in South Sudan

- Four confirmed COVID-19 cases in South Sudan; 3 in Juba and 01 in Torit; with 97 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 2 to 10 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

# Overall Conclusions and Recommendations

# Conclusion

- The overall IDSR and EWARN reporting performance in week 15, surpasses the target of 80%. Nine (09) states were above 80%
- Four COVID-19 cases confirmed and isolated in Juba (3) and Torit (1). A total of 97 contacts identified, quarantined and under follow up.
- With five outbreaks confirmed in 2020; measles remains the most frequent vaccine preventable disease
- There are ongoing measles outbreaks in 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
- All partners should support Government to optimize the implementation of the measles control strategy
  - Initiate response to contain measles transmission in 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>**

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

