

Republic of South Sudan



Ministry of Health
Public Health Emergency Operations Center (PHEOC)
For More Information, please call 6666
PUBLIC HEALTH EPIDEMIOLOGICAL EVENTS DAILY UPDATES

DATE: 7TH/ DECEMBER/ 2020

TIME: 9:18 AM

1. COVID-19 PANDEMIC SITUATION UPDATES.

1.1 Globally:

- Total confirmed cumulative cases to date is **67,073,728** and **1,536,056** deaths with **43,103,827** total recoveries have been recorded with over **57,000** healthcare workers infected to date
- **Three leading countries in the world with highest COVID-19 cases being.**
 - **USA:** total cumulative cases of **14,757,000** and **282,299** deaths with **5,624,444** recoveries.
 - **India:** total cumulative cases of **9,677,203** and **140,573** deaths with **9,139,901** recoveries.
 - **Brazil:** total cumulative cases of **6,603,540** and **176,941** deaths with **5,866,657** recoveries.

1.2 Africa:

Total confirmed cumulative cases to date **2,248,269** and **53,543** deaths with **1,916,227** total recoveries have been recorded with over **7,000** healthcare workers infected to dated

2 Three leading countries in Africa with highest COVID-19 cases being;

- **South Africa;** total cumulative cases of **814,565** and **1,536,056** deaths with **43,103,827** recoveries.
- **Morocco;** total cumulative cases of **379,657** and **6,245** deaths with **331,301** recoveries.
- **Egypt;** total cumulative cases of **118,432** and **6,771** deaths with **103,501** recoveries.

1.3 Countries bordering South Sudan:

- **Sudan:** total cumulative cases of **19,468** and **1,295** deaths with **11,021** recoveries.
- **Uganda:** total cumulative cases of **22,499** and **206** deaths with **9,175** recoveries.
- **Kenya:** total cumulative cases of **88,380** and **1,526** deaths with **68,929** recoveries.
- **Ethiopia:** total cumulative cases of **113,295** and **1,747** deaths with **80,831** recoveries.
- **DRC:** total cumulative cases of **13,527** and **344** deaths with **11,947** recoveries.
- **CAR:** total cumulative cases of **4,922**, and **63** deaths with **1,924** recoveries.

1.4 South Sudan:

- **3,181** confirmed cumulative cases to date with **62** deaths and **3003** cumulative recoveries.
- **138** healthcare workers infected to date.
- **9,519** cumulative contacts including those under follow up and those that completed the follow up.

Table 1 shows COVID-19 Situation daily alert updates in South Sudan.

Number of alerts received on the hotline	6
Number of alerts received outside of the hotline	0
Number of cumulative alerts that fulfilled suspect case definition	6
Number of suspect cases responded by the NRRT	0
Number of suspect cases responded by the SRRT	5
Number of samples collected from above	5
Number of alerts that was discarded	0
Number of samples collected from contacts	0
Number of samples collected from sentinel sites	0
Number of samples collected by case management	0
Number of samples collected from screening	0
Number of alerts pending investigation	1
Number of community deaths received	0
Number of community deaths responded to by the NRRT.	0
Total Number of alerts today	6

COVID-19 States Updates and challenges

Table 2: Total cumulative number of cases per state.

s/no	States	Total number of cases.	Number of isolation facilities	Testing site availability	challenges	Others
1	CES	2427	2	21	-shortage of VTM(Yei) -no incentive for RRT(Yei)	
2	WES	4	1	1		
3	EES	51	9	3	-delayed incentives for RRT since July(Torit) -PPE shortage(Nimule)	
4	Jonglei	84	1	1		
5	Upper Nile	115	2	2		
6	Unity	14	3	2	No transport mean for RRT(Bentiu)	
7	Lakes	34		1		
8	WBEG		1	1	-no incentive for RRT(Wau) -no fuel for RRT car(Wau)	
9	NBEG	12	1	1		
10	Warrap		2	2		

2. EVD SITUATION UPDATES:

A. Regional Updates:

1. DRC Updates

Wed, 18 Nov 2020 14:54:49 -0500

Ebola -- DR Congo

Today [18 Nov 2020] marks the end of the 11th Ebola outbreak in the Democratic Republic of the Congo (DRC), nearly 6 months after the 1st cases were reported in Equateur Province. The outbreak took place in communities scattered across dense rain forests as well as crowded urban areas, creating logistical challenges. These were surmounted due to the leadership of the government and local communities, supported by the World Health Organization (WHO) and partners.

WHO congratulates responders.

B. South Sudan Updates:

As of today, there are **133 total alert received** with one under investigation as describes below
VHF Alert in Nzara: 4 years old female child, a south Sudanese from Baakpara Village of Nzara County. SRRT was activated, one blood sample was collected and send to Juba Results came out on 29th October negative for EVD and Marburg. VHF Alert in Yambio; RRT was activated, samples were collected and Results came out on 29th October negative for EVD and Marburg.

South Sudan have updated the EVD readiness checklists

3. South Sudan IDSR SITUATION UPDATES:

Table showing Alerts by Event and State Hub for week 48, 2020 is as summarized in the below table; this alerts are for week 48 and will be updated weekly.

State	Type of alerts									Total alerts
	ARI	AW D	AFP	BD	Malaria	COVI D-19	Measle s	Acute Jaundice Syndrome	Guinea Worm	
CES	1	5	0	1	1	0	0	1	0	9
EES	1	1	0	1	0	0	0	0	0	3
WES	2	9	0	5	27	0	0	0	0	43
Jonglei	2	2	0	2	3	0	5	0	0	14
Upper Nile	1	2	0	5	0	0	0	0	0	8
Unity	0	0	0	0	0	0	0	0	0	0
Lake	0	0	0	0	0	0	0	0	0	0
WBEG	2	5	0	0	4	0	0	0	0	11
NBEG	0	0	0	0	0	0	0	0	0	0
Warrap	0	1	0	3	1	0	0	0	0	0
Other Areas	0	0	0	0	0	0	0	0	0	0
Total alerts	9	25	0	17	36	0	5	1	0	93

3.1 Alert summary:

During this week:

- **9 ARI alert: 8** undergoing verification and **1** investigated

- **30 AWD alert:** 2 from Upper Nile Malakal County sample sent to Juba, 4 from WBG but they lack sample collection kits, 8 from WES with 4 from Tambura and sample are sent to Juba, 1 from Mvolo and sample will be send to Juba today, 1 from Ezo sample not collected yet and 2 from Ibba sample not collected, 5 from CES with 1 from Yei ,1 from Lainya and 3 from Juba but sample are not collected due to lack of kits, 2 from Bor Awaiting verification,
- **17 ABD alert:** 14 undergoing Investigation and 3 investigated
- **36 Malaria alerts:** 16 are undergoing verification and 20 investigated
- **5 Measles alert:** All are Pibor and there is an active outbreak of Measles in the County
- **1 AJS alert:** the case was investigated by the SRRT, Sample collected and tested positive and the case is been managed in the children hospital.

Suspected Cholera Alert from Akobo, Jonglei State

- A cholera alert was reported on 23rd November 2020 from Akobo County Hospital
- The suspected case tested negative for (*V. cholerae*) on Rapid Diagnostic Test.
- The suspected case was later diagnosed with typhoid fever and was put on antibiotics therapy and later discharged. No sample was collected to be shipped to the National Public Health Laboratory.
- A WHO National Public Health Officer will be deployed to Akobo on Thursday to support the CHD to conduct further investigations, enhance surveillance and conduct community base surveillance training.
- No new alert were reported from the area

Suspected VHF in Leer County, Unity State

- On 16th and 17th November 2020, the MSF hospital in Leer admitted two children both 11 years and one Adult, all suspects presented with nasal bleeding and vomiting blood. One of the Children later died on the 17th of November 2020
- Three blood samples were collected and shipped to National Public Health Lab in Juba. Upon analysis in Juba, all samples tested negative for EVD, Rift Valley Fever, Yellow Fever and Chikungunya Viral Haemorrhagic Fever
- Nevertheless All 3 samples were shipped to Uganda Virus Research Institute (UVRI) for further analysis, updates will be shared.

Acute watery diarrhea cases in IDP camp, Mangalla, CES

- In week 47, 2020 an NGO reported increase number of Acute Watery Diarrhea (AWD) among IDPs in Mangalla
- State RRT was activated and deployed on 20 Nov 2020 to conduct epidemiological investigations.
- There was one patient in the isolation ward, sample was collected, and culture growth was suggestive of Aeromonas species and no V. Cholerae was isolated
- SMOH CE/ WHO office in Central Equatoria/ HC and HLSS conducted a one day assessment in the area on 30 November 2020 to further assess the current health situation among the IDPs, joined by SSHCO; HLSS and Care International on ground. Reports will be shared

Birds dying in Yirol West County, Lakes State

- On 19 Oct 2020, bird die-offs were reported in Yirol West County. An investigation was carried out and samples were collected by FAO and Ministry of Animal Resources and Livestock (MAR&L) and were analyzed in MAR&L Laboratory in Juba.
- Six samples tested positive for Rift Valley Fever (RVF) IgM.
- There are no cases of cattle deaths reported and all the samples were shipped to an OIE international collaborating laboratory for further analysis
- Lakes State MOH and WHO working with animal health counter parts have:
- Initiated review, updating and activation of the existing outbreak preparedness plan working with the technical officers animal health (Ministry of livestock and FAO)
- Enhanced human and animal surveillance through sensitization of surveillance focal points and availing case definitions
- Community engagement to prevent human exposures to diseased animals and birds
- Ample supplies for respiratory sample and blood sample collection kits; and specimen shipment materials to support investigation of suspect cases.

Morbidity & mortality trends

- The overall national trend for ARI in 2020 is higher than 2019, the trend shows a slide decline in week 47,2020 compared to week 46 of 2020
- This week 48,2020, there are 5 Counties with malaria trends that exceeded the threshold (third quartile of trends for the period 2013-2017) and these include the following; CES (Juba), WBGz (Wau), Unity (Rubkona), NBGz (Aweil North), Warrap, (Tonj North)

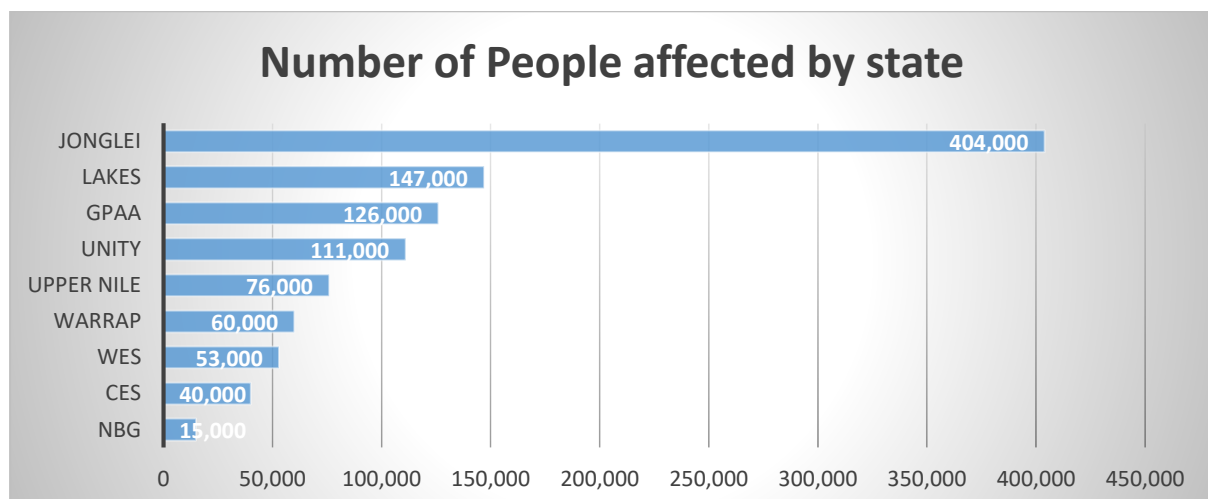
- Malaria accounts for 22% of OPD consultations when compared to 47% in week 47, 2020
- ARI is the second top cause of morbidity with cases being on the increase for the past two weeks and remains the top cause of morbidity in Malakal PoC, accounts for 13% of OPD consultations when compared to 31% in week 47, 2020.
- Malaria and AWD are the second top causes of morbidity with cases being on the increase for the past two.

3.2 Outbreaks Updates

Flood:

Since early July 2020, South Sudan has been experiencing heavy rainfall and rising water levels along the River Nile, Pibor, and Sobat river.

- Damage properties, farms, and large scale displacement.
- No Flood related deaths have been reported this week.
- No health facility damage has been reported.
- Multi-cluster flood responses are ongoing in flood-affected Counties.
- No new flooding event has been flagged.
- Over 1,034k flood-affected people, 481k flood-displaced people with 43 flood affected counties and 271k people target for life-saving response in priority 1 while 192k people target for life-saving response in priority 2 locations.



Priority 1 Area

Juba -Gondokoro, Jebel Lado, Mangala, Rajaf., Ayod, Bor South, Duk, Nyirol, Twic East, GPAA, Awerial, Cueibet, Rumbek East, Leer, Mayendit, and Panyijiar

Priority 2 Area

Juba –Terekeka, GPAA – Larab, Akobo East, Fangak, Pochalla, Uror, , Rumbek Centre, Yirol East, Yirol West, Aweil West, Aweil North, Koch, Pariang, Fashoda, Nasir, Renk, and Ulang, Mundri East, and Mundri West

Priority 3 Areas

Canal/Pigi, Wulu, Abiemnom, Mayom/Mankien, Balieta, Longochuk, and Maiwut, Ibb, and Meridi

Health Response

- 617,000 people targeted through the health response.
- 56,754 people in need of health response reached.

Challenges/Gaps

- Insecurity.
- Transport –roads are impassable due to flooding.
- Communication.
- Funding to support flood response.
- Shortage of medical supplies and emergency health kits.

Measles

Measles outbreaks confirmed in 2020, 8 counties – Tonj East, Magwi, Bor, Kapoeta East, Tonj South, Wau, Pibor and Ibba

Locations with ongoing measles transmission

- Pibor County
- Ibba County/WES
- Wau county/ WBGZ

Measles in Pibor GPAA

- 355 cases as at week 47,2020
- deaths (related to other comorbidities)
- >90% children <5 years

Measles outbreak in IBBA

- No new cases reported since confirmation of the outbreak
- 36 cases (week 41-43)
- 24 (67%) cases 5 and above years old
- 35/36 cases (97%) from Maniakakara; other affected location is Manidebe;
- On the border with Maridi
- 4 positive cases, outbreak confirmed in week 45
- No deaths reported

Measles outbreak in Wau, WBG

- **No new cases reported since confirmation of the three cases**
- 39 cases (no deaths) in total from epi week 1 to 43
- More than (59%, 23/39) are children <5 years
- 62% (24/29 cases) are female
- Residence: Wau 25 cases, Raja 5cases and Jur River 9 cases
- 27/39 (69%) of cases are zero doses
- 4/39 (10%) were managed as inpatients
- WBG had conducted measles follow up campaign early 2020

Response

Pibor GPAA

- Reactive campaign completed in Pibor (4937 vaccinated-87%), Verteth (1440 vaccinated-66%) and Lekuangule.
- Campaign ongoing in Gumuruk; started on 27 Nov 2020
- Mop-up campaigns: planned
- The locations that could not be reached during the campaign need to be planned for and visited when they are accessible.

IBBA WES

- The implementing NGOs, (Action Africa help (AAH) conducted enhanced routine vaccination outreaches to affected and at-risk villages
- Continued monitoring implementation of the recommendations from the outbreak investigation
- Reinforcement of routine immunization system (Action Africa help (AAH)) through outreaches and ensuring availability at static facilities
- Repair of cold chain equipment: UNICEF
- Amerf to recruit more vaccinator
- Case management for clinically compatible cases
- Enhance the already existing social mobilization activity and expand to all payams

Wau, WBG

- Discussed in the monthly health & nutrition sector coordination meeting: CHD and partners strengthening RI and surveillance
- State responded to an earlier outbreak confirmed in June by conducting focused outbreak response where the affected locations were targeted for outreaches and enhanced RI and surveillance

Hepatitis E Virus

Suspected HEV Outbreak in Abyei

- 26 cases cases in total
- Age-group: only one case is <5-year-old
- Pregnant women: None of the women are pregnant
- 2 death: cases aged 24 & 32 years
- Rumammer has 15/26 (58%) cases, other locations are Turalei, Abienmhom, Abyie, Twic and Gogrial
- 10 cases reported to be IDPs (Rumammer (6), Turalel (1), Abyei (1), Gogrial (1))
- Five were malaria RDT positive
- Two cases reported having someone with AJS in their HH
- No information on traveling to Darfur (ongoing outbreak)
- 14 cases (including two who died) were hospitalized

Response

- Awaiting PCR results for four samples sent to UVRI
- Continue line-listing and case management
- Health partners and facilities to provide case management paying attention to pregnant mothers and patients with underlying liver diseases who are likely to develop severe disease and poor outcomes
- Water quality testing and WASH assessment done and findings to be shared with WASH cluster for action

Complied by the Watch Team

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