South Sudan

Integrated Disease surveillance and response (IDSR)

Epidemiological Bulletin Week 39 of 2020 (September 21-September 27)





- In week 39, 2020 IDSR reporting completeness was 96% and timeliness was 77% at health facility level. EWARN reporting completeness was 84% and timeliness was 69%
- Of the 93 alerts in week 39, 2020; 99% were verified 0% were risk assessed and 0% required a response. Malaria (29), AWD (37), ARI (17), measles (0) and bloody diarrhea (7) were the most frequent alerts in week 39, 2020
- Malaria remains the top cause of morbidity and accounted for 97,92 cases (60.9% of OPD cases)
- A total of 1,262 COVID-19 alerts have been investigated with 1,070 (84.8%) being verified. Total of 2,705 COVID-19 confirmed cases and 49 deaths, CFR of 1.8%
- Other hazards include floods in 34 counties; malaria in 5 counties; measles in Pibor; HEV in Bentiu PoC; and yellow fever in Kajo-keji.

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 39 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 | Lakes | Doctors with Africa (CUAMM), LIVEWELL | 113 | 65 | 58% | 113 | 100% |
| 2nd | WBGZ | Cordaid, Healthnet TPO, CARE International, IOM | 75 | 56 | 75% | 75 | 100% |
| 3rd | WES | AMREF, World Vision, CUAMM, CDTY, OPEN | 213 | 135 | 63% | 212 | 100% |
| 4th | Warrap | GOAL, CCM, WVI, Malaria Consortium, UNKEA, Save the Children, MSF | 119 | 105 | 88% | 117 | 98% |
| 5th | CES | HLSS, SSUHA, Healthnet TPO, IHO,GOAL,TRI-SS,THESO | 119 | 115 | 97% | 116 | 97% |
| 6th | Upper Nile | Cordaid, WVI, RI, IMC, NIDO, UNKEA, MC, SSAID,Samaritans Purse | 120 | 94 | 78% | 115 | 96% |
| 7th | EES | Cordaid, HLSS, CCM | 142 | 118 | 83% | 137 | 96% |
| 8th | Unity | Cordaid, UNIDOR, IRC, CHADO, CARE International, CRADA, CASS | 88 | 66 | 75% | 84 | 95% |
| 9th | Jonglei | Nile Hope, MDM, JDF, Livewell, CMD, HFO, EDA, CRADA, Malaria Consortium, CMA | 107 | 87 | 81% | 92 | 86% |
| 10th | NBGZ | Malaria Consortium, Healthnet TPO, IRC, CEDS, IHO | 131 | 106 | 81% | 113 | 86% |
| | South Sudan | | 1227 | 947 | 77% | 1174 | 96% |

KEY

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

The timeliness of IDSR reporting (supported by EWARS mobile) at health facility level was 77% and completeness was 90%. 10 states were above the target of 80% with highest reporting rate in Lakes & WBGZ

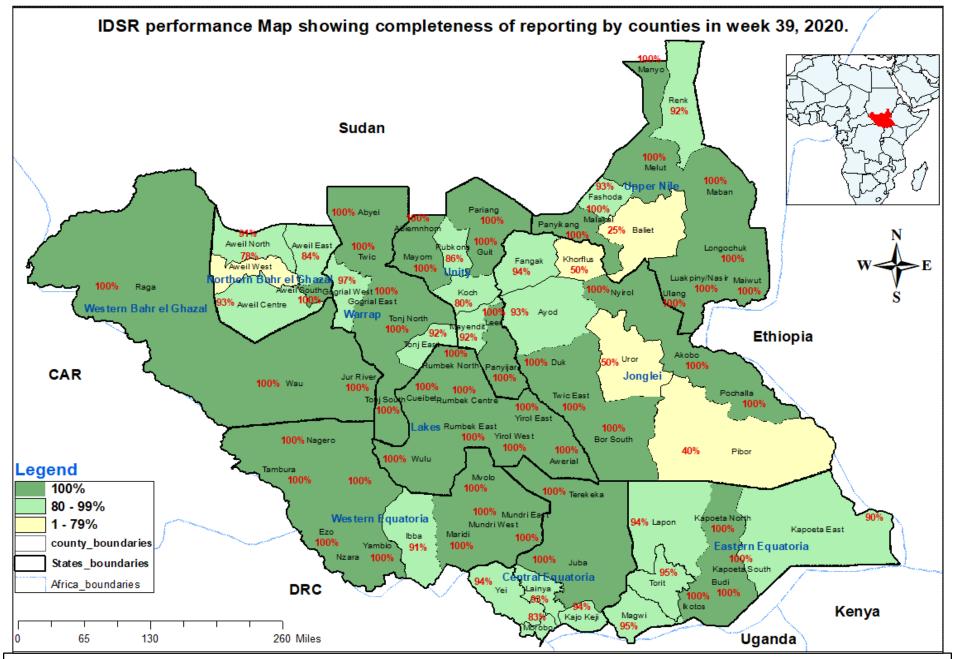


| STATE | COUNTY | SUPPORTING PARTNER | Total No. of Functional Health Facilities in the County | No. of HFs Reported on Time | Timeliness Percentage | No. of HFs Reported regardless of time | Completeness Percentage | STATE | COUNTY | SUPPORTING PARTNER | Total No. of Functional Health Facilities in 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% | Unity | Abiemnhom | Cordaid | 4 | 4 | 100% | 4 | 100% |
| WBGZ | Wau | Cordaid | 28 | 28 | 100% | 28 | 100% | Unity | Panyijiar | IRC | 15 | 15 | 100% | 15 | 100% |
| CES | Morobo | SSUHA, THESO | 5 | 5 | 100% | 5 | 100% | WES | Maridi | AMREF | 26 | 25 | 96% | 26 | 100% |
| CES | Juba | HLSS | 46 | 46 | 100% | 46 | 100% | | | | | | | | |
| CES | Terekeka | HealthNetTPO | 20 | 20 | 100% | 20 | 100% | WES | Mundri East | CUAMM | 19 | 18 | 95% | 19 | 100% |
| Lakes | Rumbek Centre | Doctors with Africa (CUAMM) | 23 | 22 | 96% | 23 | 100% | Unity | Leer | UNIDOR | 11 | 10 | 91% | 11 | 100% |
| NBGZ | Aweil South | Malaria Consortium(MC),IHO | 9 | 8 | 89% | 9 | 100% | Unity | Mayom | CASS | 9 | 8 | 89% | 9 | 100% |
| Lakes | Rumbek North | Doctors with Africa (CUAMM) | 7 | 6 | 86% | 7 | 100% | WES | Yambio | World Vision International | 42 | 36 | 86% | 42 | 100% |
| Lakes | Cueibet | Doctors with África (CUAMM) | 15 | 12 | 80% | 15 | 100% | Unity | Pariang | CARE International | 11 | 9 | 82% | 11 | 100% |
| WBGZ | Jur River | Cordaid | 35 | 28 | 80% | 35 | 100% | Unity | Guit | CHADO | 7 | 4 | 57% | 7 | 100% |
| Lakes | Yirol West | Doctors with Africa (CUAMM) | 12 | 8 | 67% | 12 | 100% | WES | Ezo | World Vision International | 27 | 14 | 52% | 27 | 100% |
| Lakes | Yirol East | Doctors with Africa (CUAMM),LIVEWELL | 11 | 2 | 18% | 11 | 100% | WES | Tambura | World Vision | 26 | 7 | 27% | 26 | 100% |
| Lakes | Rumbek East | Doctors with Africa (CUAMM) | 24 | 1 | 4% | 24 | 100% | WES | Mvolo | International CUAMM | 11 | 1 | 9% | | 100% |
| Lakes | Awerial | Doctors with Africa (CUAMM) | 7 | 0 | 0% | 7 | 100% | | | | | | | | |
| CES | Yei | SSUHA | 17 | 16 | 94% | 16 | 94% | WES | Mundri West | CUAMM World Vision | 21 | 1 | 5% | 21 | 100% |
| CES | Kajo Keji | SSUHA, GOAL, TRI-SS | 17 | 15 | 88% | 16 | 94% | WES | Nzara | World Vision International | 20 | 0 | 0% | 20 | 100% |
| NBGZ | Aweil Centre | Malaria Consortium(MC) | 15 | 13 | 87% | 14 | 93% | WES | Nagero | World Vision International | 10 | 0 | 0% | 10 | 100% |
| NBGZ | Aweil North | HealthNetTPO,IHO | 33 | 30 | 91% | 30 | 91% | Unity | Mayendit | CASS | 12 | 0 | 0% | 11 | 92% |
| NBGZ | Aweil East | IRC,TADO | 36 | 29 | 81% | 31 | 86% | WES | Ibba | AMREF | 11 | 4 | 36% | 10 | 91% |
| WBGZ CES | Raja Lainva | HealthNetTPO SSUHA | 14 16 | 0 13 | 0% 81% | 12 13 | 86% 81% | Unity | Rubkona | Cordaid, IRC, IOM, | 15 | 11 | 73% | 12 | 80% |
| NBGZ | Aweil West | HealthNetTPO | 37 | 23 | 62% | 29 | 78% | Unity | Koch | MSF CRADA,IRC. | 5 | 4 | 80% | 4 | 80% |

IDSR timeliness & completeness performance at county level for week 39 of 2020 (2)



| STATE | COUNTY | Supporting Partner | Total No. of Functional Health Facilities in the County | No. of HFs Reported on Time | Timeliness Percentage | No. of HFs Reported regardless of time | Completeness Percentage | STATE | COUNTY | SUPPORTING PARTNER | Total No. of Functional Health Facilities in the County | No. of HFs Reported on Time | Timeliness Percentage | No. of HFs Reported regardless of time | Completeness Percentage |
|------------|----------------|----------------------------|--|--------------------------------|--------------------------|--|-------------------------|---------|---------------|---------------------------------|--|-----------------------------------|--------------------------|---|-------------------------|
| Warrap | Tonj North | CCM | 14 | 14 | 100% | 14 | 100% | longloi | Pochalla | LIVEWELL | 7 | 7 | 100% | 7 | 100% |
| Warrap | Tonj South | CCM | 12 | 12 | 100% | 12 | 100% | Jonglei | | | | , | | | |
| Upper Nile | Manyo | CORDAID | 10 | 10 | 100% | 10 | 100% | EES | Kapoeta South | CCM | 10 | 10 | 100% | 10 | 100% |
| | Maiwut | RI | 5 | 5 | 100% | 5 | 100% | EES | Ikotos | HLSS | 27 | 23 | 85% | 27 | 100% |
| Upper Nile | | | - | | | - | | Jonglei | Nyirol | CMA,Malaria Consortium | 10 | 7 | 70% | 10 | 100% |
| Upper Nile | Longechuk | RI | 9 | 9 | 100% | 9 | 100% | EES | Budi | Cordaid | 21 | 14 | 67% | 21 | 100% |
| Upper Nile | Akoka | IMC | 5 | 5 | 100% | 5 | 100% | EES | Torit | Cordaid | 20 | 18 | 90% | 19 | 95% |
| Upper Nile | Fashoda | CORDAID AAA,Save the | 13 | 12 | 92% | 13 | 100% | EES | Kapoeta North | CCM | 16 | 10 | 63% | 15 | 94% |
| Warrap | Abyei | Children, MSF | 10 | 8 | 80% | 10 | 100% | | | | | | 83% | 17 | |
| Upper Nile | Maban | WVI,RI,Samaritans Purse | 17 | 13 | 76% | 17 | 100% | EES | Lopa Lafon | HLSS | 18 | 15 | | | 94% |
| Upper Nile | Panyikang | IMC | 4 | 3 | 75% | 4 | 100% | EES | Magwi | HLSS | 22 | 18 | 82% | 20 | 91% |
| Warrap | Gogrial East | GOAL | 15 | 11 | 73% | 15 | 100% | Jonglei | Fangak | CMD,HFO | 16 | 14 | 88% | 14 | 88% |
| Upper Nile | Makal | IMC | 7 | 4 | 57% | 8 | 114% | Jonglei | Ayod | CMD,EDA | 15 | 12 | 80% | 12 | 80% |
| Upper Nile | Melut | WVI + RI | 8 | 0 | 0% | 8 | 100% | Jonglei | Duk | MDM + JDF | 15 | 11 | 73% | 11 | 73% |
| Warrap | Gogrial West | GOAL | 31 | 28 | 90% | 30 | 97% | Jonglei | Twic East | MDM + JDF | 11 | 8 | 73% | 8 | 73% |
| Warrap | Twic | GOAL | 26 | 21 | 81% | 25 | 96% | Jonglei | Bor | MDM + JDF | 35 | 21 | 60% | 22 | 63% |
| Upper Nile | Luakpiny Nasir | UNKEA, RI | 15 | 12 | 80% | 14 | 93% | EES | Kapoeta East | CCM | 12 | 5 | 42% | 8 | 67% |
| Upper Nile | Renk | WVI + RI | 13 | 12 | 92% | 12 | 92% | Jonglei | Pibor | LIVEWELL,CRADA | 3 | 1 | 33% | 2 | 67% |
| Warrap | Tonj East | CCM | 12 | 11 | 92% | 11 | 92% | Jonglei | Akobo | NILE HOPE | 8 | 3 | 38% | 3 | 38% |
| Upper Nile | Ulang | UNKEA, RI | 14 | 7 | 50% | 9 | 64% | Jonglei | Canal Pigi | IMC | 11 | 0 | 0% | 2 | 18% |
| Upper Nile | Baliet | IMC | 4 | 0 | 0% | 1 | 25% | Jonglei | Uror | Nile Hope,Malaria Consortium | 8 | 0 | 0% | 1 | 13% |



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Surveillance: EWARS performance indicator by partner for week 39 of 2020



| Partner | HFs | Re | porting | Perforr | nance |
|--------------|------------|----------------------------------|---|------------|--------------|
| PARTER | # OF SITES | # of reports received on Time | No. of HFs Reported regardless of time | Timeliness | Completeness |
| IRC | 1 | 1 | 1 | 100% | 100% |
| НАА | 2 | 2 | 2 | 100% | 100% |
| RHS | 1 | 1 | 1 | 100% | 100% |
| Medicair | 2 | 2 | 2 | 100% | 100% |
| UNIDOR | 2 | 2 | 2 | 100% | 100% |
| GOAL | 2 | 2 | 2 | 100% | 100% |
| CMD | 1 | 1 | 1 | 100% | 100% |
| TRI-SS | 2 | 2 | 2 | 100% | 100% |
| Medair | 2 | 2 | 2 | 100% | 100% |
| IMC | 6 | 6 | 6 | 100% | 100% |
| HFO | 2 | 2 | 2 | 100% | 100% |
| юм | 12 | 11 | 12 | 92% | 100% |
| MSF-E | 6 | 4 | 6 | 67% | 100% |
| MSF-H | 5 | 1 | 4 | 20% | 80% |
| IMA | 9 | 3 | 6 | 33% | 67% |
| World Relief | 2 | 0 | 0 | 0% | 0% |
| SMC | 2 | 0 | 0 | 0% | 0% |
| UNH | 2 | 0 | 0 | 0% | 0% |
| TOTAL | 61 | 42 | 51 | 69% | 84% |

Completeness was 84% and timeliness was 69% for weekly reporting in week 39, 2020 for partner-supported clinics serving IDP sites.



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





| State | Acute Respiratory Infections (ARI) | Acute Watery Diarrhoea | AFP | Bloody Diarrhoea | Malaria (Confirmed) | Guinea Worm | PoE COVID EVD | Covid-19 | PoE COVID-19 alert | Total alerts |
|--------------|---------------------------------------|---------------------------|-----|---------------------|------------------------|-------------|------------------|----------|-----------------------|--------------|
| CES | 3 | 6 | | | 1 | | 1 | | | 11 |
| EES | 1 | 6 | 1 | 4 | 5 | | 1 | | 1 | 19 |
| Unity | | | | | | | | 1 | | 1 |
| Upper Nile | 3 | 5 | | 2 | 1 | | | 1 | | 12 |
| Warrap | | 2 | | 1 | | 1 | | | | 4 |
| WBGZ | 2 | 9 | | | 6 | | 1 | | | 18 |
| WES | 3 | 9 | | | 16 | | | | | 28 |
| Total alerts | 12 | 37 | 1 | 7 | 29 | 1 | 3 | 2 | 1 | 93 |

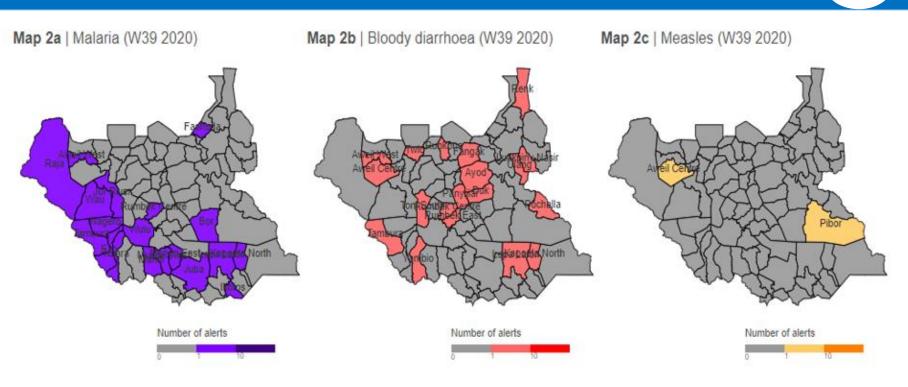
During this week:

- 12 ARI alert: all under monitoring
- 37 AWD alert: all been monitoring
- 7 ABD alert: 1 under verification and 6 been monitoring
- 29 Malaria alerts: all under monitoring
- 3 PoE COVID EVD alert: 1 under investigation and 2 under monitoring
- 2 Covid-19 alert: All under monitoring
- 1 PoE COVID-19 alert: 1 under monitoring
- 1 Guinea Worm alert: under monitoring
- 1 AFP alert : under monitoring

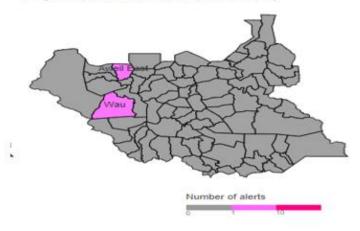




Alert: Map of key disease alerts by county of week 39 of 2020



Map 2e | Guinea Worm (W39 2020)



| W39 | Cur | nulative (2020) |
|-----|-----|------------------------|
| 0 | 13 | Low risk |
| | 4 | Medium risk |
| 0 | 27 | High risk |
| 0 | 58 | Very high risk |
| 99% | 81% | % verified |
| 0% | 0% | % auto-discarded |
| 0% | 1% | % risk assessed |
| 0% | 1% | % requiring a response |

9



Major suspected outbreaks in South Sudan in 2020

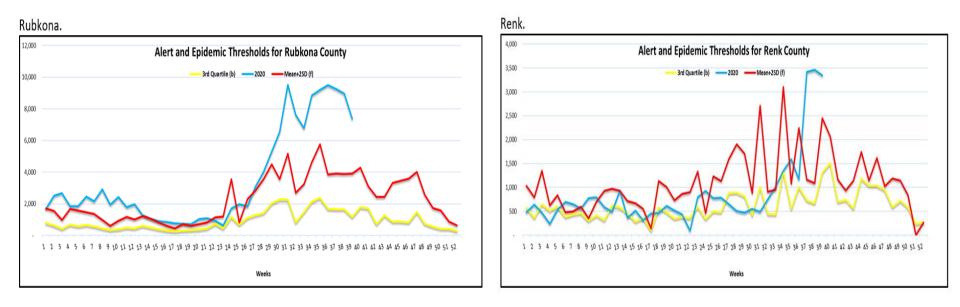


Malaria was the leading cause of morbidity and mortality, accounting for **0.1%** of all morbidities and **60.9%** of all mortalities this week.

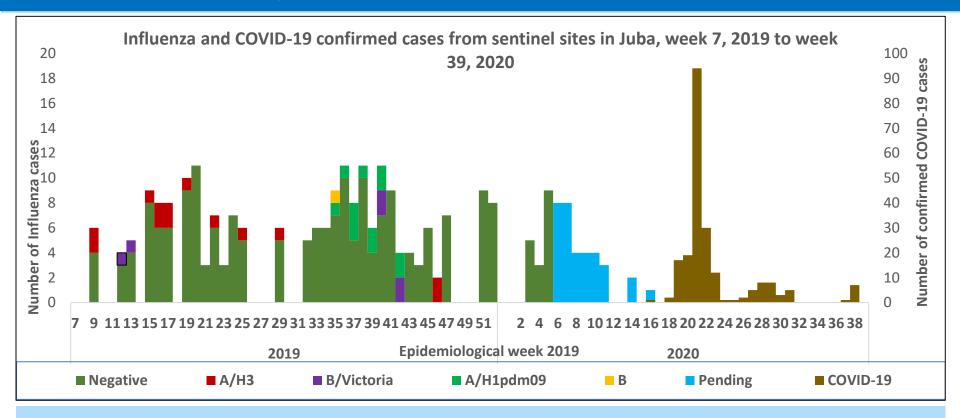
There were **5 Counties** with malaria trends that exceeded the threshold (third quartile of trends for the period 2013-2017) and these include the following:

- Bentiu hub (Pariang, Rubkona)
- Aweil Hub (Aweil South)
- Malakal (Renk, Melut)

In the PoC sites; malaria is the top cause of morbidity in Bentiu (51%); Juba (64%), Bor (46%) and Wau (35%) PoCs, in Malakal PoC malaria accounts for (4%) of OPD consultations, respectively.



Routine Sentinel Surveillance | Human Influenza

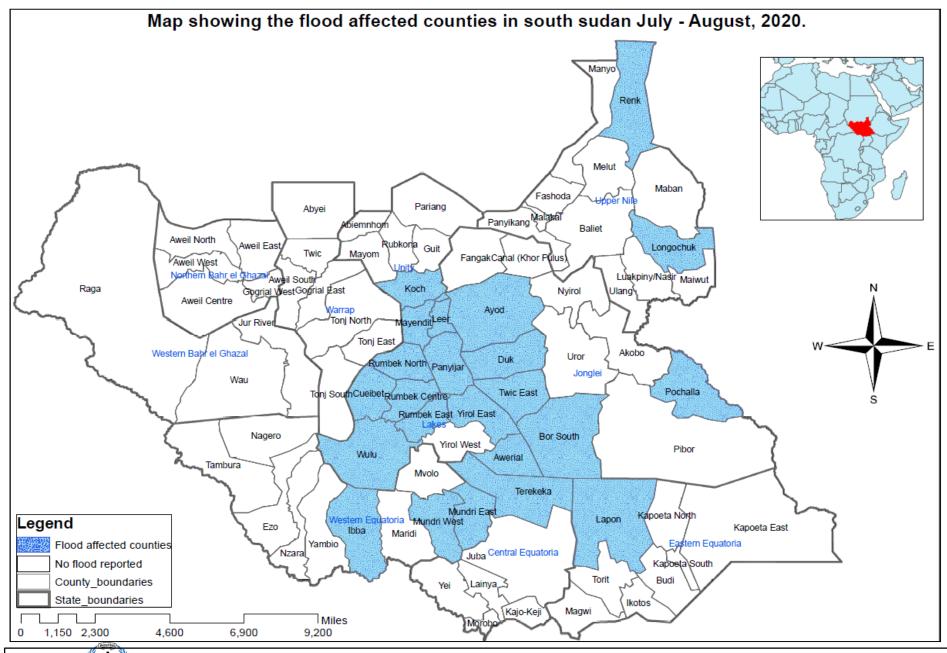


- In week 7, 2019, South Sudan started case-based surveillance for Influenza Like Illness (ILI) and Severe Acute Respiratory Infection (SARI) cases through systematic collection of epidemiological and virological information.
- In 2019, a total of 309 ILI/SARI samples have been collected and tested in UVRI 228 being negative; 6 positive for Influenza B (Victoria); 13 positive for Influenza A (H3); and 12 positive for Influenza A (H1)pdm09 and (50) samples are pending test results.
- There are currently 20 Covid-19 designated sentinel surveillance sites in Juba that are collecting epidemiological data and samples from ILI/SARI cases. A total of 3726 samples have been collected in 2020 with 214 (5.7%) being positive for COVID-19 in Juba. These sentinel samples have not been tested for influenza in 2020

ACTIVE OUTBREAKS AND PUBLIC HEALTH EVENTS

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





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Flooding, South Sudan, week 39, 2020

- In 2020, several Counties reported above-average rainfall and rising water levels in the River Nile, this has resulted in massive flooding.
- The affected population is estimated at 625,000 individuals.
- New flooding event reported from Wulu and Cuebet in Lakes State, Koch, Leer, Mayendit, and Mayom in Unity state, Nasir in Upper Nile state, Tonj East, North and South in Warrap state and Canal/Pigi in Jonglei state.

Public health response

- Floods multi-cluster response and assessments are ongoing in affected Counties.
- A total of 12 counties prioritized for response scale up and \$10 million has been released to support frontline humanitarian response operations.





| | Location (county) | Date first reported | New cases since last bulletin | Cumulative cases to date (attack rate %) | Interventions | | | | |
|-----------------------|----------------------|---------------------|--|---|--------------------|-----------------|---------------------|------|--|
| Aetiological agent | | | | | Case management | Vaccinatio n | Health promotion | WASH | |
| Ongoing epide | | | | | | | | | |
| Hepatitis E | Bentiu PoC | 03/01/2018 | 3 | 409 (0.007) | Yes | No | Yes | Yes | |
| Measles | Bentiu PoC | 24/04/2019 | NR | 482 (0.006) | Yes | Yes | Yes | N/A | |
| Measles | Pibor | 27/1/2020 | NR | 86(0.058) | Yes | Yes | Yes | N/A | |



*

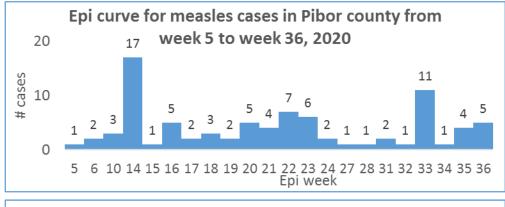
Measles outbreaks confirmed in 2020

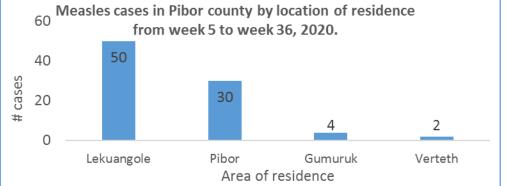
- 7 counties Tonj East, Magwi, Bor, Kapoeta East, Tonj South, Wau and Pibor
- Locations with ongoing measles transmission
 - Bentiu PoC
 - Pibor County



Response | Suspected epidemics

Confirmed Measles Outbreak in Pibor





| Age Group | Cases | Percentage | % Cum. |
|---------------|-------|------------|--------|
| 1 - 4 Years | 66 | 77% | 77% |
| 5 - 9 Years | 16 | 19% | 95% |
| 15+ Years | 3 | 3% | 99% |
| 10 - 14 Years | 1 | 1% | 100% |
| Grand Total | 86 | 100% | |





Background and descriptive epidemiology

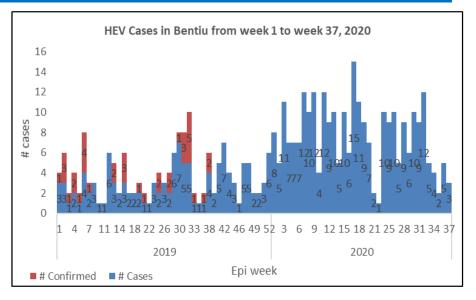
- Measles transmission has persisted in Pibor county despite of the vaccination campaign conducted in February and March and October, 2019
- Suspected measles cases were reported from Pibor; five sample were send to Juba and tested measles IgM +e.
- 5 cases reported in week 36, makes a total of 86 since beginning of 2020
- 77% of the cases are less than 5 years of age
- 52% are female and 48% male
- Most affected areas are Lekuangole followed by Pibor town

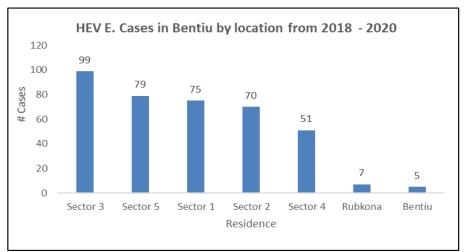
Response Actions:

- Partners to strengthen routine immunization and to continue to collect samples from suspect cases.
- Measles case management to continue



Hepatitis E, Bentiu PoC (1)





Descriptive epidemiology

- The persistent transmission of HEV in Bentiu PoC continues with 409 cases since beginning of 2019
- There were (3) new cases reported in week 37, 2020
- All the cases were managed as outpatient cases except for seven cases who were admitted
- 5 deaths reported in 2019 and 2020
- 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 37, 2020; there were 409 cases of HEV in Bentiu PoC including 4 deaths (CFR 0.01%)

| Age-Group | Alive | Dead | Grand Total | Percentage | CFR | Cum. %2 |
|---------------|-------|------|--------------------|------------|------|---------|
| 1 - 4 Years | 128 | | 128 | 31% | 0% | 31% |
| 10 - 14 Years | 64 | | 64 | 16% | 0% | 47% |
| 15+ Years | 99 | 3 | 102 | 25% | 3% | 72% |
| 5 - 9 Years | 113 | 2 | 115 | 28% | 2% | 100% |
| Grand Total | 404 | 5 | 409 | 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 Jerry cans 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



| | Location (county) | Date first reported | | Cumulativa | Interventions | | | | |
|--------------------|----------------------|------------------------|-------------------------------------|--|--------------------|-------------|---------------------|------|--|
| Aetiological agent | | | New cases since last bulletin | Cumulative cases to date (attack rate %) | Case management | Vaccination | Health promotion | WASH | |
| Controlled epide | | | | | | | | | |
| Measles | Juba | 21/11/2019 | NR | 6(0.1667) | Yes | No | Yes | N/A | |
| Measles | Tonj East | 12/12/2019 | NR | 61(0.98) | yes | Yes | Yes | N/A | |
| Measles | Bor | 17/01/2020 | NR | 14(0.214) | yes | No | yes | N/A | |
| Measles | Jebel Boma | 10/12/2019 | NR | 96(0.063) | yes | No | Yes | N/A | |
| Measles | Kapoeta East | 18/01/2020 | NR | 16(0.625) | yes | No | Yes | N/A | |
| Measles | Aweil East | 29/12/2019 | NR | 664 (0.127) | Yes | Ν | 0 | Yes | |





EBOLA VIRUS DISEASE[EVD] PREPAREDNESS IN SOUTH SUDAN



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



EVD DRC Update 24th September in Equateur Province

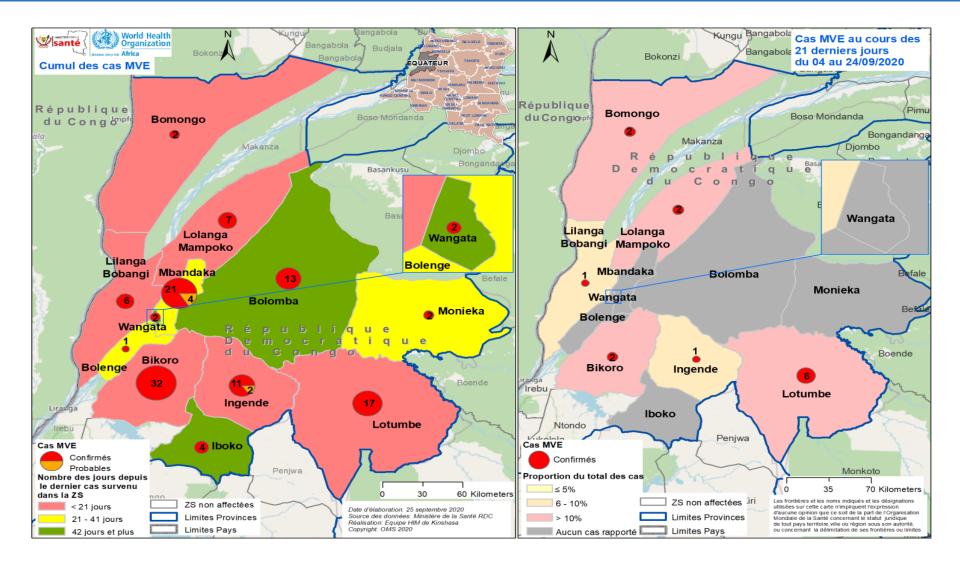
Cumulative figures for the outbreak

- The last confirmed case was reported on 18th Sept. in Lotumbe HZ
- 124 cases (118 confirmed, 6 probable;)
- 50 deaths (40.3% CFR), 67 recoveries;
- 40 affected health areas, 12 health zones;
- 32,346 vaccinated including
 2,387 frontline health workers;
- 5 known confirmed cases are in the community (4 in Lotumbe and 1 in Mbandaka);
- No confirmed cases are currently under treatment in an ETC.

Highlights from the past 21 days (4 -24 Sept):

- 14 confirmed cases were reported in 7/40 affected health areas across 6/12 affected health zones;
- 6/12 affected HZs have not reported a case in over 21 days, 23/40 health areas have not reported a case in over 42 days;
- Almost 70% of cases reported were not registered contacts;
- Almost 50% of confirmed cases do not have a documented epi-link.

Geographic distribution of confirmed and probable cases of Ebola virus disease in Equateur province, as of September 24, 2020 (n = 124)



COVID-19 Updates





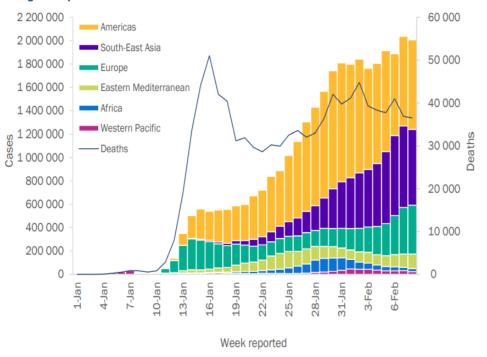
COVID-19 Virus Situation Summary



Situation update as of 27th September 2020

- The COVID-19 pandemic initial cases were detected in Wuhan China
- Globally >32 million cases (> 991, 000 deaths)
- Africa > 1 million cases
 (>25 000 deaths)

Figure 1: Number of COVID-19 cases reported weekly by WHO Region, and global deaths, 30 December 2019 through 27 September 2020**



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

COVID-19 Response in South Sudan 29th Sep 2020 🛞

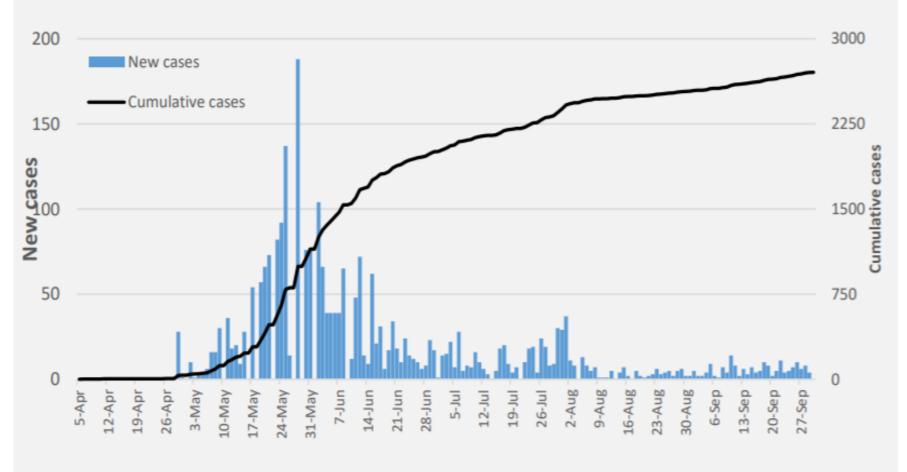
- 2,705 confirmed COVID-19 cases in South Sudan; 85% in Juba with 49 deaths and a case fatality rate (CFR) of 1.8%. Total 8,805 contacts identified, quarantined, & undergoing follow up
- Implementation of priorities; risk communication and community engagement; active case search and testing; quarantine for contacts; isolation of confirmed cases, infection prevention and control; and management of cases are currently underway
- The overall response currently led by the COVID-19 National level taskforce and the COVID-19 National Steering Committee



Trends of COVID-19 cases in South Sudan



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



Notification Date

COVID-19 cases increasing exponentially in the past few weeks

Distribution of COVID-19 cases in South Sudan



Distribution of Covid-19 Cases by County



Somali

Data as recieved by WHO From MOH by 6:00 PM (EST) September 29, 2020 Map Created By: Health Information Management Unit, WHO, South Sudan **Distribution of Imported COVID-19 Cases.** Eritrea Sudan CAR Maban Malakal (83) 0 Ethiopia South Sudan Baliet, Aweil Chad Rubkona(10) East (5) Twic, (3) Nyirol (26) Tonj North, (1) Aweil Centre, (71/ Democratic Uganda Republic of the Kenva Congo Rumbek Uror, (2) North (1) Was, (29) Twic imbek East, (2) COVID-19 Cases at Rumb ast, (1) Bor South Yirol West, (1) County (32)0 1-9 Yambio, (7) 10 - 2425 - 49Yei, (23 Torit(38 Disclaimer: The designations employed and the presentation of the material on this may do not imply the expression of any opinion whatsoever on the part of the secretariate of > 50 the United Nations Concerning the legal status of any country territory, city, area or of its authorities or concerning the deliminaton of its frontiers or boundaries.

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

Overall Conclusions and Recommendations



Conclusion

- The overall IDSR and EWARN reporting performance in week 39, is above the target of 80%. All (10) states were above 80%
- 2,705 confirmed COVID-19 cases in South Sudan; 85% in Juba with 49 deaths (CFR of 1.8%). Total 8,805 contacts identified, quarantined, & undergoing follow up
- Cumulative total of COVID-19 alerts is 1262, of these, 1,070 (84.8%) have been verified and samples were collected
- With seven outbreaks confirmed in 2020; measles remains the most frequent vaccine preventable disease
- There are ongoing measles outbreak in Bentiu PoC and Pibor county
- Given the COVID-19 pandemic, it is critical that measures are stepped up to contain its spread.



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



Thanks to the State Surveillance Officers, County Surveillance Officers and Health Facility in-charges for sharing the weekly IDSR data

Thanks to all partners for supporting IDSR weekly reporting and sharing the line lists

To access the IDSR bulletins for 2020 use the link below:

https://www.afro.who.int/publications/south-sudan-weeklydisease-surveillance-bulletin-2020



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Notes

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The data has been collected with support from the EWARS project. This is an initiative to strengthen early warning, alert and response in emergencies. It includes an online, desktop and mobile application that can be rapidly configured and deployed in the field. It is designed with frontline users in mind, and built to work in difficult and remote operating environments. This bulletin has been automatically published from the EWARS application.

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









