# South Sudan

Integrated Disease Surveillance and Response (IDSR)

Annexes W38 2019 (Sept. 16 - Sept. 22)



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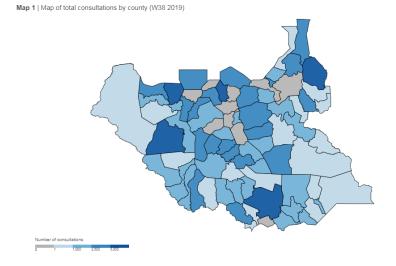
#### Measles

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#### Sources of data

- 1. Weekly IDSR Reporting Form
- 2. Weekly EWARS Reporting Form

## Access and Utilization | Map of consultations by county



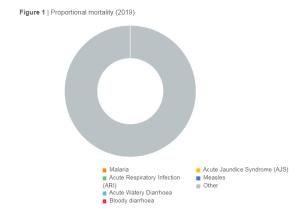
Hub	W38	2019
Aweil	15,313	342,531
Bentiu	20,771	545,337
Bor	25,831	360,390
Juba	15,420	588,282
Kuajok	16,197	481,993
Malakal	22,918	391,384
Rumbek	19,723	720,407
Torit	10,685	430,393
Wau	14,708	336,206
Yambio	14,995	348,329
South Sudan	176,561	4,545,252

The total consultation in the country since week 1 of 2019 is 4,545,252 by hub, Bor registered the highest number of consultations as indicated in the table above. The total number of consultations by county is shown in the map above. See the key for more information.





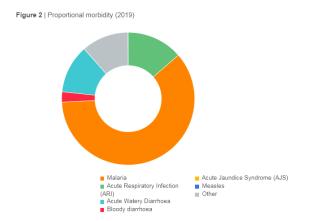
## **Proportional mortality**



Syndrome	W38		2019	
	# deaths	% mortality	# deaths	% mortality
Malaria	204	80.0%	5,120	0.0%
ARI	1	0.4%	2,035	0.0%
AWD	17	6.7%	1,910	0.0%
Bloody diarrhoea	1	0.4%	347	0.0%
AJS	0	0.0%	212	0.0%
Measles	6	2.4%	103	0.0%
Other	26	10.2%	7,009,641,893	100.0%
Total deaths	255	100%	7,009,651,620	100%

Figure 1, above shows the proportional mortality for 2019, with malaria being the main cause of mortality accounting for 80.0% of the deaths since week 1 of 2019, followed by ARI, AWD and ABD

## **Proportional morbidity**

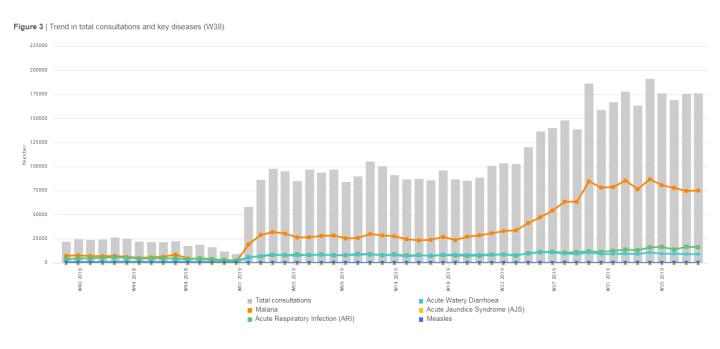


Syndrome	W38		2019	
	# cases	% morbidity	# cases	% morbidity
Malaria	75,220	68.0%	1,705,158	60.5%
ARI	16,348	14.8%	383,722	13.6%
AWD	9,168	8.3%	333,435	11.8%
Bloody diarrhoea	1,141	1.0%	70,817	2.5%
AJS	0	0.0%	527	0.0%
Measles	37	0.0%	1,998	0.1%
Other	8,672	7.8%	320,939	11.4%
Total cases	110,586	100%	2,816,596	100%

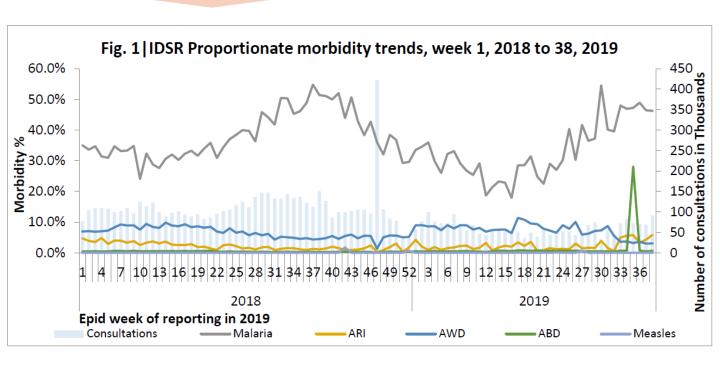
Figure 2, indicates the top causes of morbidity in the country, with malaria being the leading cause of morbidity 75,220 (68.0%) followed by ARI, AWD and ABD respectively since week 1 of 2019. refer to the figure above for more information.







## **IDSR Proportionate morbidity trends - in relatively stable states**

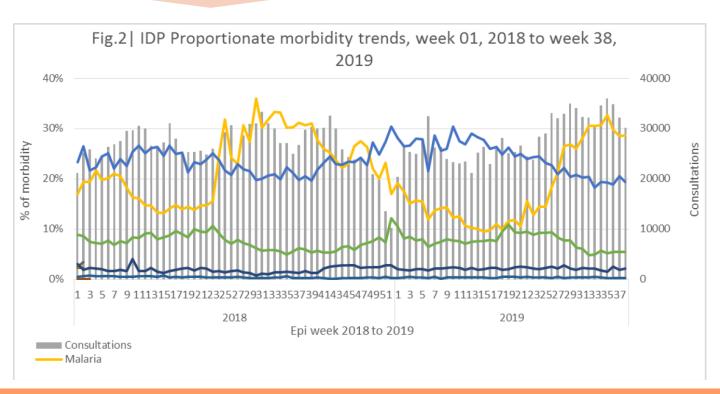


In the relatively stable states, malaria is the top cause of morbidity accounting for 46.3 % of the consultations in week 38 (representing a decrease from 46.4% in week 37).



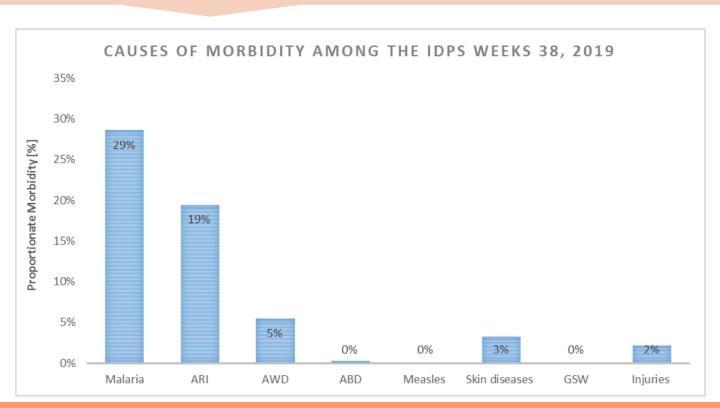


## IDP Proportionate morbidity trends - in displaced population



Among the IDPs, Malaria and ARI accounted for 29% and 19% of the consultations in week 38. The other significant causes of morbidity in the IDPs includes AWD, Skin diseases, and injuries.

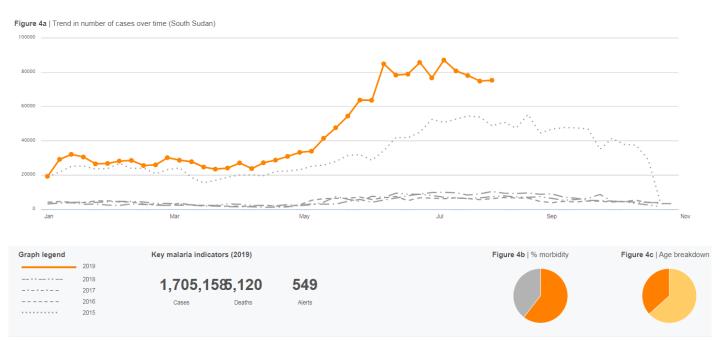
#### **IDP Proportionate morbidity trends - in displaced population**



The top causes of morbidity in the IDPs in 2019 include, ARI, Malaria, AWD, Skin diseases, and injuries.

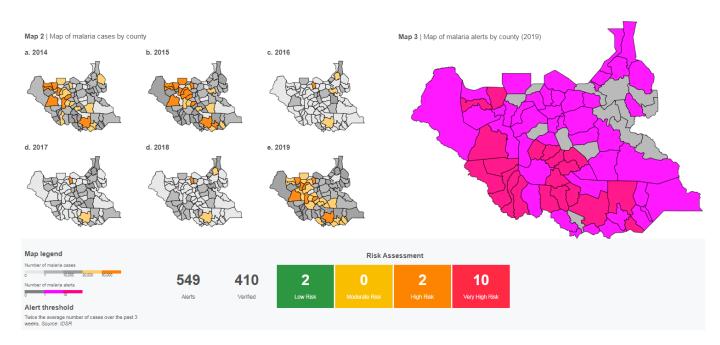


#### Malaria | Trends over time



Malaria is the top course of Morbidity in the country, a total of 1,705,158 cases with 5,120 deaths registered since week 1 of 2019. malaria trend for week 38 of 2019 remain constant and is above 2015,2016,2017 and 2018 as shown in the figure 4a, above.

#### Malaria | Maps and Alert Management

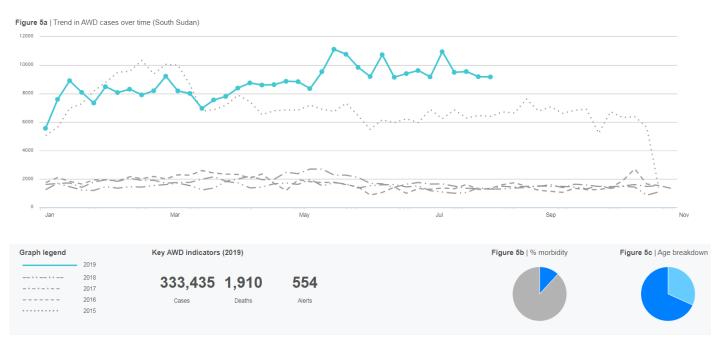


Since the beginning of the year, a total of 549 malaria alerts have been triggered, 410 of those were verified. The Maps above indicate the location reporting malaria alerts from, 2015, 2016, 2017, 2018, and 2019.



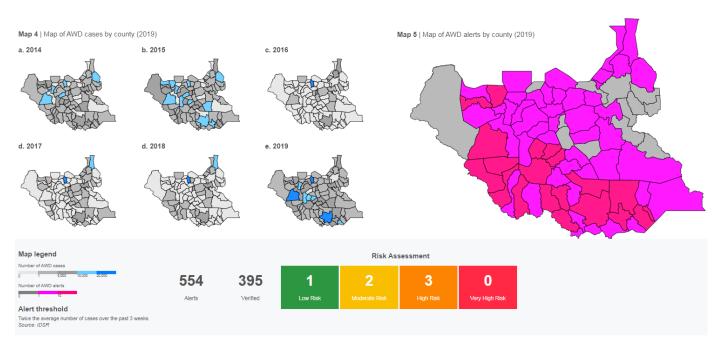


### Acute Watery Diarrhoea | Trends over time



AWD is one of the top causes of morbidity in the country with 333,435 cases reported since week 1 of 2019 including 1,910 deaths. AWD trend for week 38 of 2019, is on decline but above 2015, 2016, 2017 and 2018 as shown in figure 5a, above.

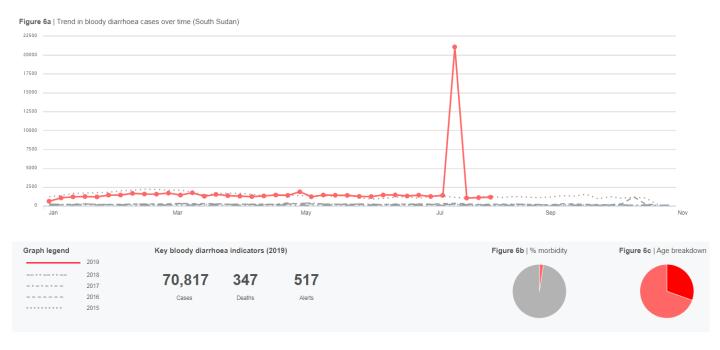
## Acute Watery Diarrhoea | Maps and Alert Management



The number of AWD alerts triggered since week 1 of 2019 is 554 out of which 395 were verified. Maps above highlight the areas reporting AWD alerts from 2015 to 2019.

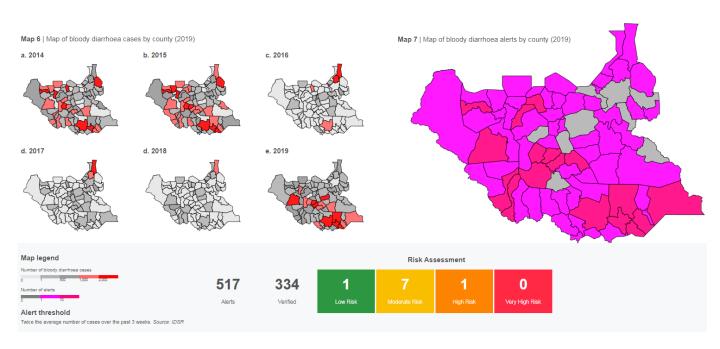


### Acute Bloody Diarrhoea | Trends over time



Since week 1 of 2019, a total of 70,817 cases of ABD have been reported country wide including 347 deaths. ABD trend for week 38 of 2019 remain constant and is below 2015,2016, and 2017. Refer to figure 6a, above.

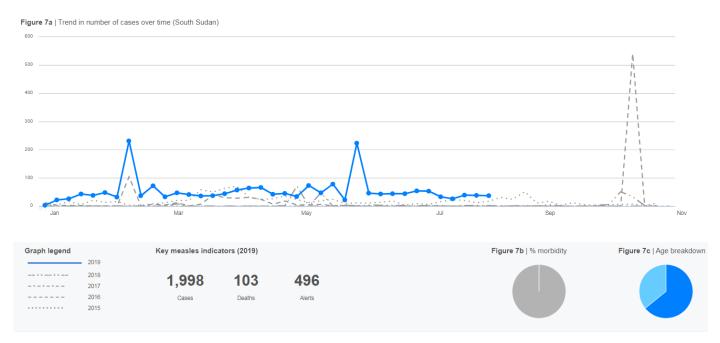
## Acute Bloody Diarrhoea | Maps and Alert Management



Total of 517 alerts were generated since week 1 of 2019, of which 334 were verified by the county surveillance team. Maps indicating areas triggering alerts since 2015 to 2019 are shown above.

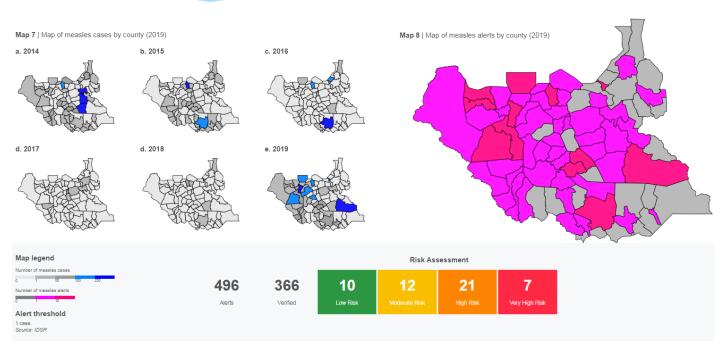


#### Measles | Trends over time



Since the beginning of 2019, at least 1,998 suspect measles cases including 103 deaths. Have been reported through the EWARS website. Measles trend for week 38 of 2019 is constant and is in contact with 2015 trend as shown in the graph above

#### Measles | Maps and Alert Management



Since week 1 of 2019, 496 alerts of measles were triggered and 366 of those have been verified at county level. Maps of areas raising alerts from 2015 to 2019 are shown above.





## 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 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









