South Sudan

Integrated Disease Surveillance and Response (IDSR)

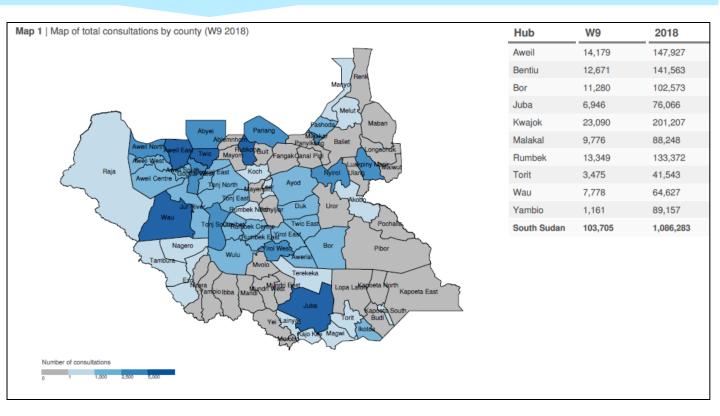
Annexes W9 2018 (Feb 26 – March 04)



Contents

Access and Utilisation		Acute Watery Diarrhoea (AWD)				
Slide 2	Map 1 Map of consultations by county (2018)	Slide 8	Trend in AWD cases over time			
		Slide 9	AWD maps and alert management			
Indicator-based surveillance						
Slide 3	Figure 1 Proportional mortality	Bloody diarrhoea				
Slide 4	Figure 2 Proportional morbidity	Slide 10	Trend in bloody diarrhoea cases over time			
		Slide 11	Bloody diarrhoea maps and alert management			
Slide 5	Figure 3 Trend in consultations and key diseases					
		Measles				
Disease trends and maps		Slide 12	Trend in measles cases over time			
Malaria		Slide 13	Measles maps and alert management			
Slide 6	Trend in malaria cases over time					
Slide 7	Malaria maps and alert management	Sources of data				
		1. Weekly II	DSR Reporting Form			
			WARS Reporting Form			

Access and Utilization | Map of consultations by county



The total consultation in the country since week 1 of 2018 is 1,086,283, by hub Aweil registered the highest number of consultations as indicated in the table above. The total number of consultations by county is indicated in the map above. See the key for more information.





Proportional mortality

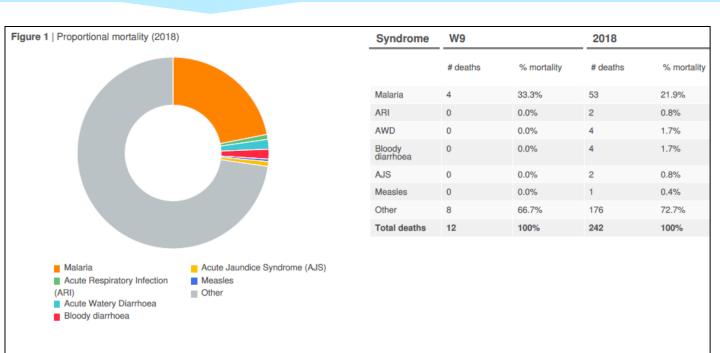


Figure 1, above shows the proportional mortality for 2018, with malaria being the main cause of mortality accounting for 21.9% of the deaths since week 1 of 2018, followed by ARI, and AWD

Proportional morbidity

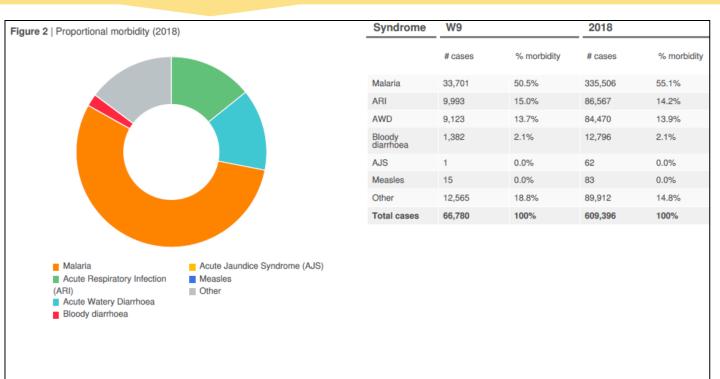
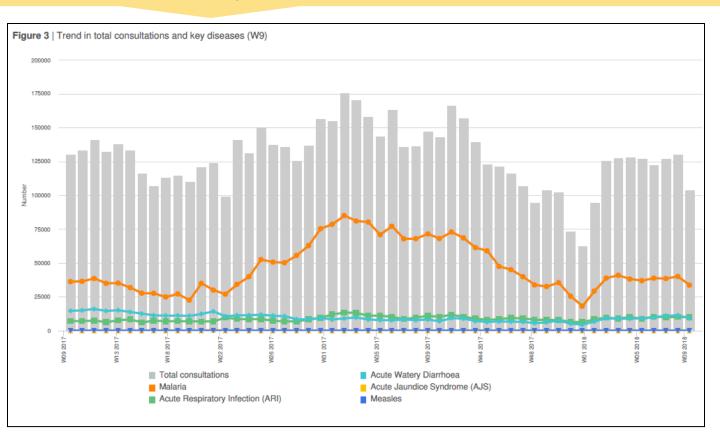


Figure 2, indicates the top causes of morbidity in the country, with malaria being the leading cause of morbidity 335,506 (55.1%) followed by ARI, AWD and ABD respectively since week 1 of 2018. refer to the figure above for more information.

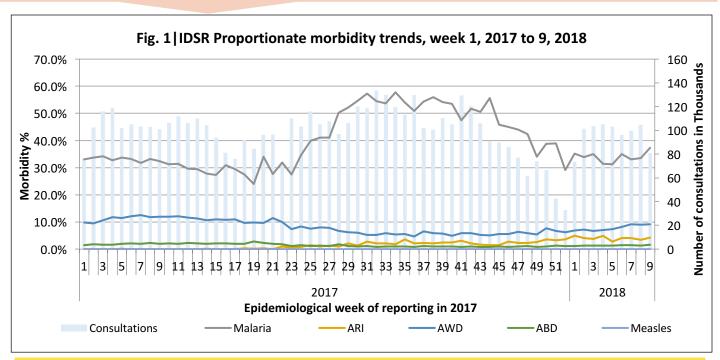




Trend in consultations and key diseases



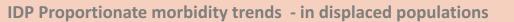
IDSR Proportionate morbidity trends - in relatively stable states

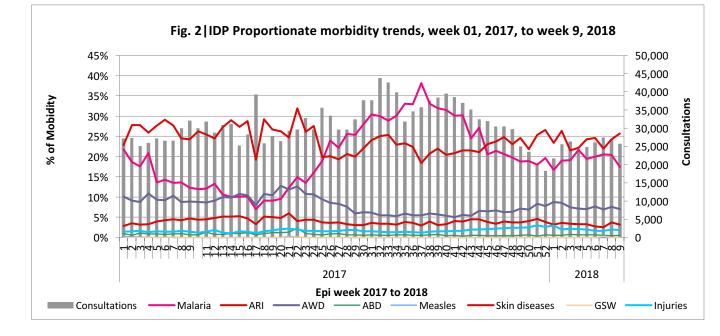


In the relatively stable states, malaria is the top cause of morbidity accounting for 37.3% of the consultations in week 9 (representing an increase from 33.5% in week 8).



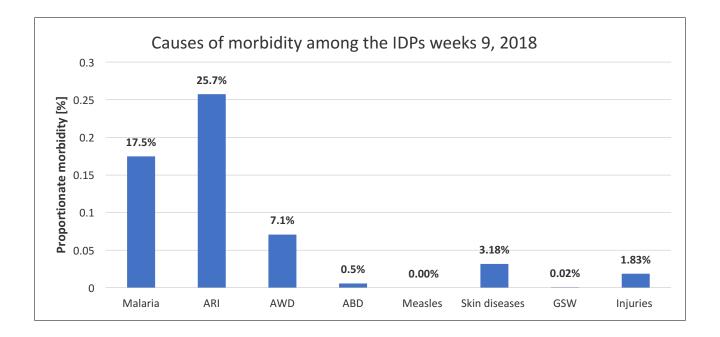






Among the IDPs, ARI and malaria accounted for 25.7% and 17.5% of consultations in week 9. The other significant causes of morbidity in the IDPs include AWD, skin diseases, and injuries.

IDP Proportionate morbidity trends - in displaced populations

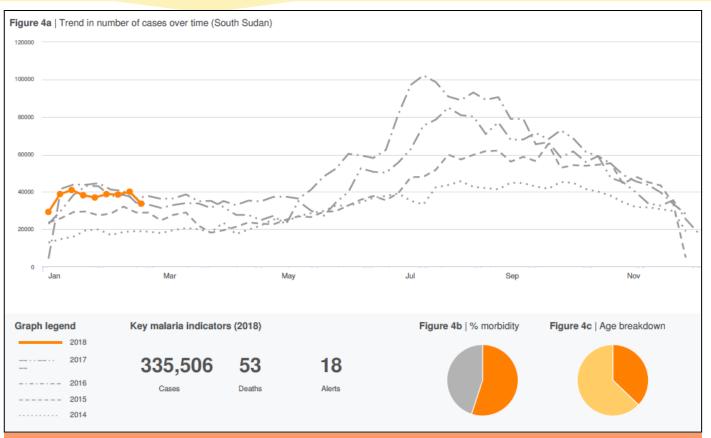


The top causes of morbidity in the IDPs in 2018 include ARI, malaria, AWD, skin diseases, injuries, and ABD.



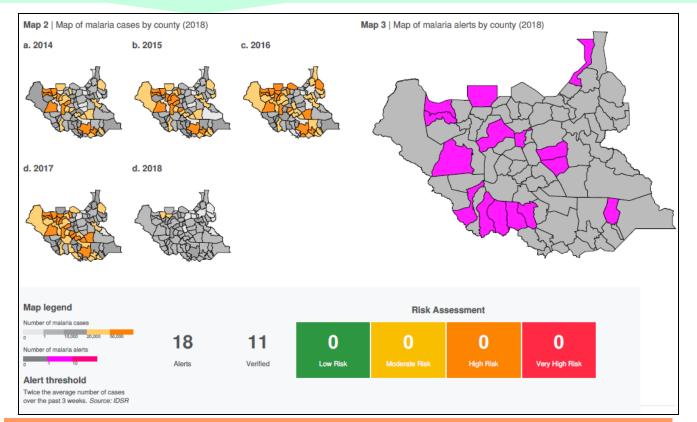


Malaria | Trends over time



Malaria is the top course of Morbidity in the country, a total of 305,506 cases with 53 deaths registered since week 1 of 2018. malaria trend for 2018 is blow 2016 and 2017 as shown in the figure 4a, above.

Malaria | Maps and Alert Management



Since the beginning of the year, a total of 18 malaria alerts have been triggered, 11 of those were verified. The Maps above indicates the location reporting malaria alerts from 2014, 2015, 2016, 2017, and 2018.



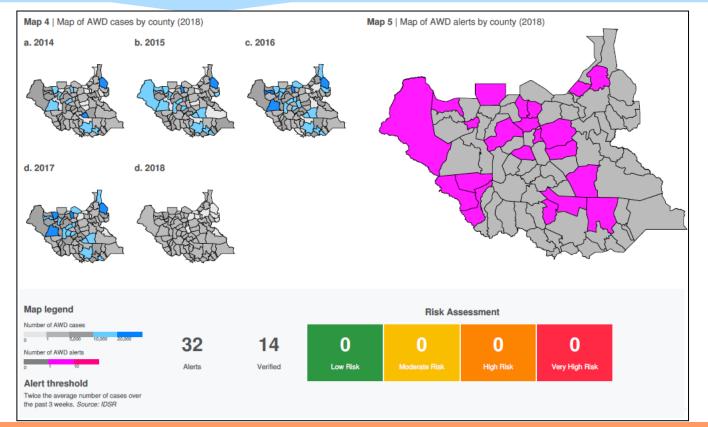
World Health Organization South Sudan

Acute Watery Diarrhoea | Trends over time



AWD is one of the top causes of morbidity in the country with 84,470 cases reported since week 1 of 2018 including 4 deaths. AWD trend for 2018 is bellow 2015, 2016, and 2017 as shown in figure 5a, above.

Acute Watery Diarrhoea | Maps and Alert Management

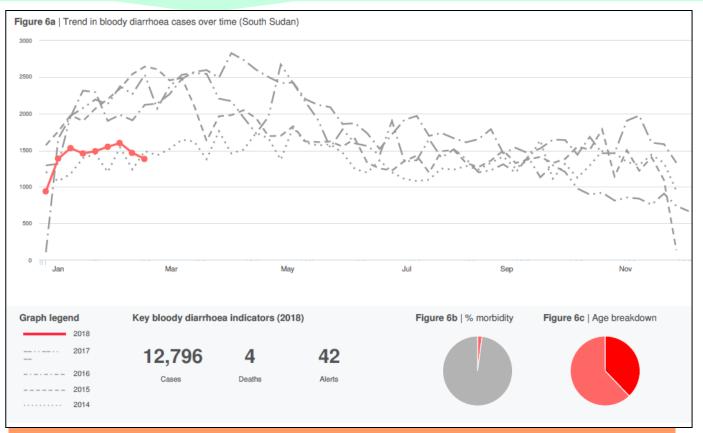


The number of AWD alerts triggered since week 1 of 2018 is 32, out of which 14 were verified. Maps above highlights the areas reporting AWD alerts from 2014 to 2018.



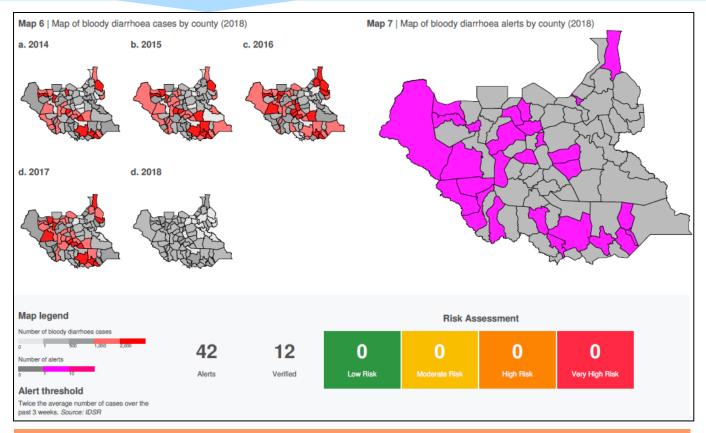


Acute Bloody Diarrhoea | Trends over time



Since week 1 of 2018, a total of 12,796 cases of ABD have been reported country wide including 4 death. ABD trend for 2018 is below 2015, 2016, and 2017 respectively. Refer to figure 6a, above.

Acute Bloody Diarrhoea | Maps and Alert Management

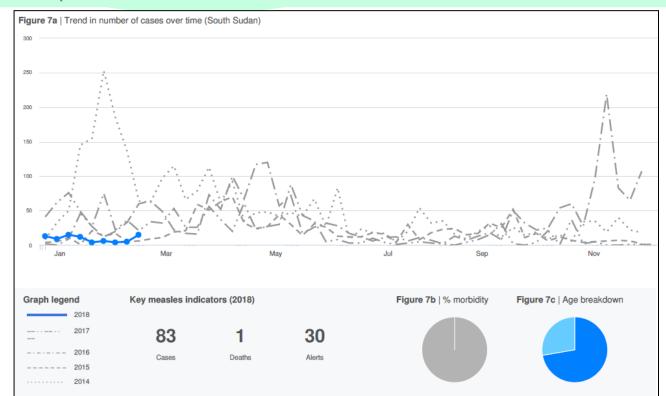


Total of 42 alerts were generated since week 1 of 2018, of which 12 were verified by the county surveillance team. Maps indicating areas triggering alerts since 2014 to 2018 are shown above.



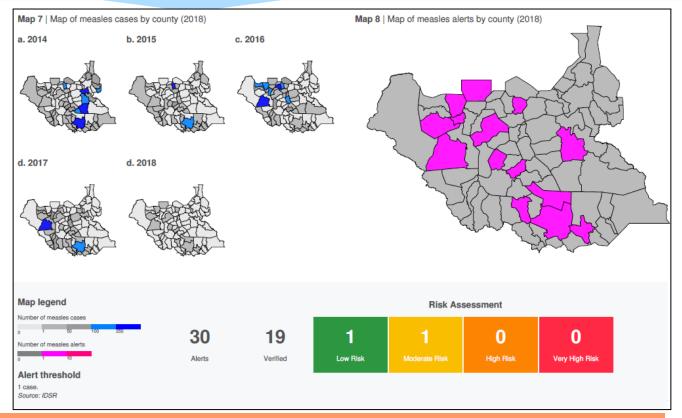


Measles | Trends over time



Since the beginning of 2018, at least 83 suspect measles cases including 1 death (CFR 1.58%) have been reported. Of these, 68 suspect cases have undergone measles case-based laboratory-backed investigation with 68 samples collected out of which 14 measles IgM positive cases; 14 clinically confirmed cases; and 3 cases confirmed by epidemiological linkage.

Measles | Maps and Alert Management



Since week 1 of 2018, 30 alerts of measles were triggered and 19 of those have been verified at county level. Maps of areas raising alerts from 2014 to 2018 are shown above.





Acute Flaccid Paralysis | Suspected Polio

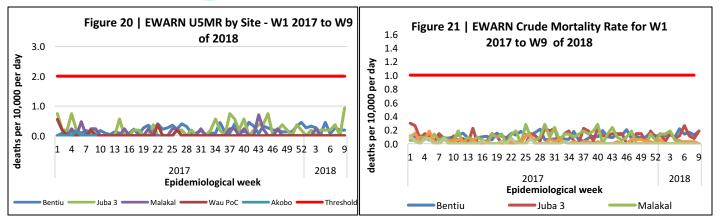
Legend - IIPAFP_Rate2	In week 9, 2018, Thirteen (13) new AFP cases were reported from Jonglei, Lakes, Northern Bahr el Ghazal, Upper Nile, Western Bahr el Ghazal, and Western Equatoria hubs. This brings the cumulative total for 2018 to 51 AFP cases. The annualized non-Polio AFP (NPAFP) rate (cases per 100,000 population children 0-14 years) in 2018 is 3.58 per 100,000 population of children 0-14 years (target ≥2 per 100,000 children 0-14 years).				
	Stool adequacy was 96% in 2018, a rate that is higher than the target of ≥80%.				
	Environmental surveillance ongoing since May 2017; with 23 samples testing positive for non-polio enterovirus (NPEV) in 2017 and one NPEV positive sample in 2018.				
Mortality in the IDPs	Source : South Sudan Weekly AFP Bulletin				

 Table 6 | Proportional mortality by cause of death in IDPs W9 2018

	Bentiu		Juba 3	Total deaths
Cause of Death by IDP site				
	<5yrs	≥5yrs	<5yrs	
Chronic Cough		1		1
GSW		1		1
perinatal death	2			2
Sepsis	1	2		3
TB/HIV/AIDS		2		2
Wasting syndrome			4	4
Trauma		1		1
HIV/AIDS		2		2
Unknown		2		2
lymphoma			1	1
Total deaths	3	11	5	19

Among the IDPs, mortality data was received from Bentiu PoC & UN House PoC in week 9. (Table 6). **A total of 19** deaths were reported during the week. Bentiu PoC reported 14 (74%) deaths in the week. During the week, 8 (41%) deaths were recorded among children <5 years in (Table 6).

The causes of death during week 9 are shown in Table 6.



The U5MR in all the IDP sites that submitted mortality data in week 9 of 2018 is below the emergency threshold of 2 deaths per 10,000 per day (Fig. 20).

The Crude Mortality Rates [CMR] in all the IDP sites that submitted mortality data in week 9 of 2018 were below the emergency threshold of 1 death per 10,000 per day (Fig. 21).

Mortality in the IDPs - Overall mortality in 2018

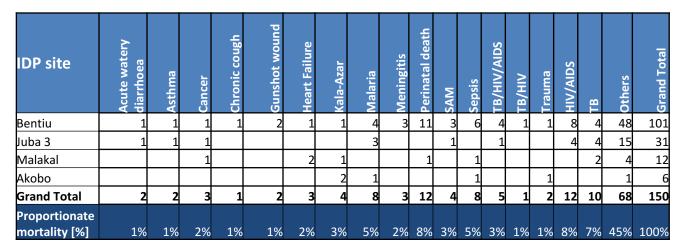


Table 7 | Mortality by IDP site and cause of death as of W9, 2018

A total of 150 deaths have been reported from the IDP sites in 2018 <u>Table 7</u>.

The top causes of mortality in the IDPs in 2018 are shown in <u>Table 7</u>.





For more help and support, please contact:

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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









