

# Morbidity & mortality trends in PoC sites, South Sudan (IDSR/EWARN data)

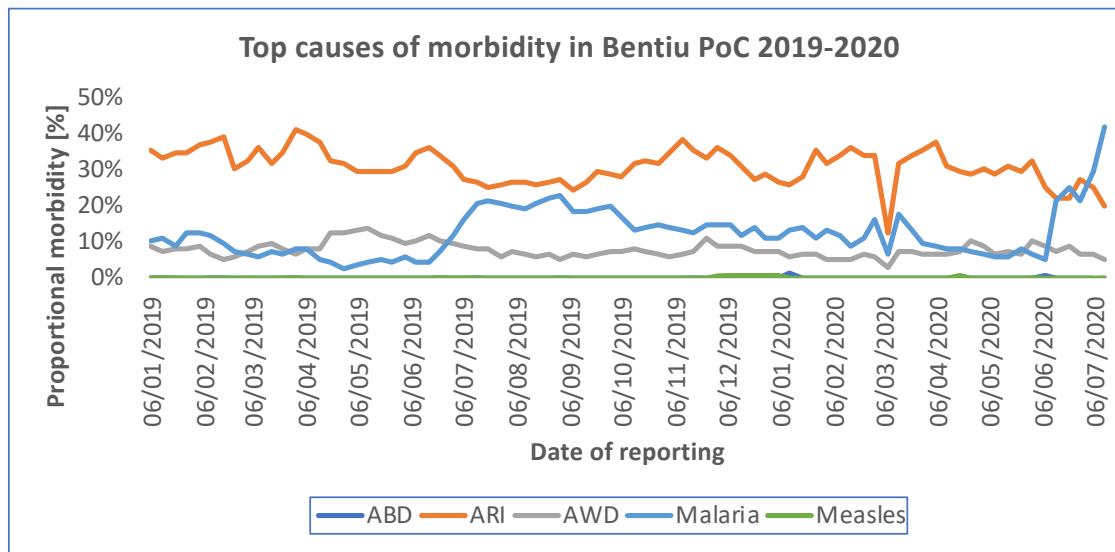
As of week 28, 2020



Ministry of Health  
Republic of South Sudan

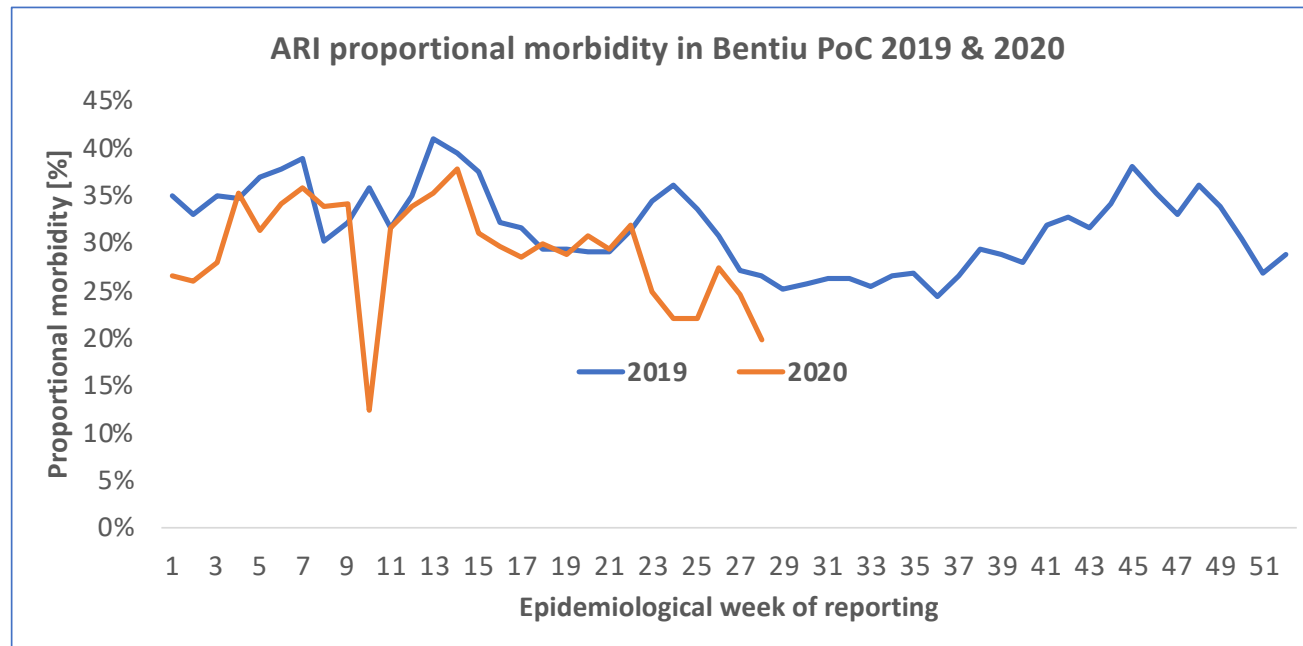


# Top causes of morbidity, Bentiu PoC, wk 28, 2020



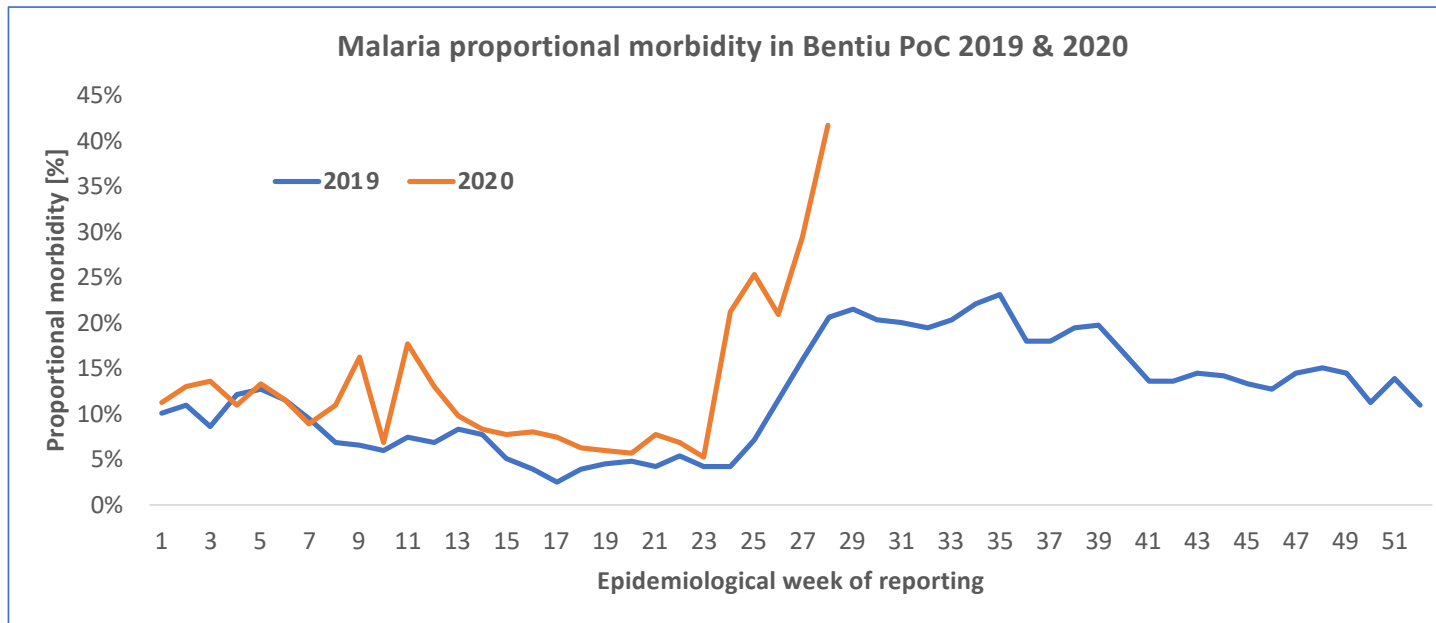
- This week malaria surpassed ARI as the top cause of morbidity in Bentiu PoC
- Malaria accounts for 42% of OPD consultations representing a 45% increase from week 27, 2020
- ARI proportional morbidity reduced from 25% in wk 27 to 20% in wk 28, 2020
- These proportions may be affected by the current triage of patients at clinics due to the COVID-19 context

## ARI trends in Bentiu PoC, 2019-2020



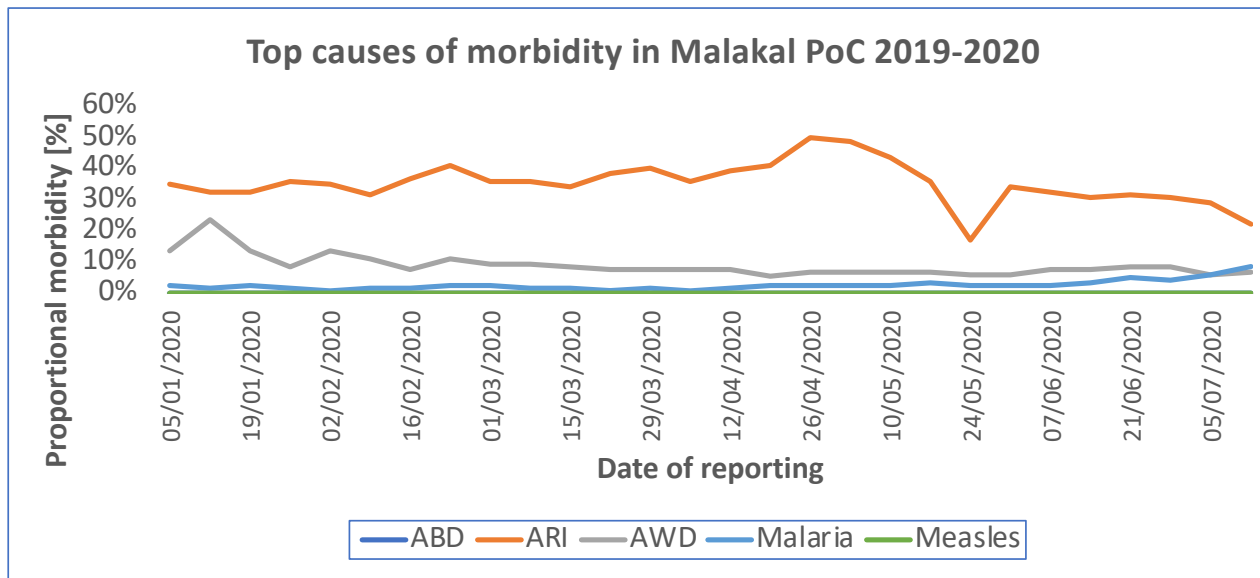
ARI proportional morbidity in 2020 is lower when compared to the corresponding period of 2019

## Malaria trends in Bentiu PoC, 2019-2020



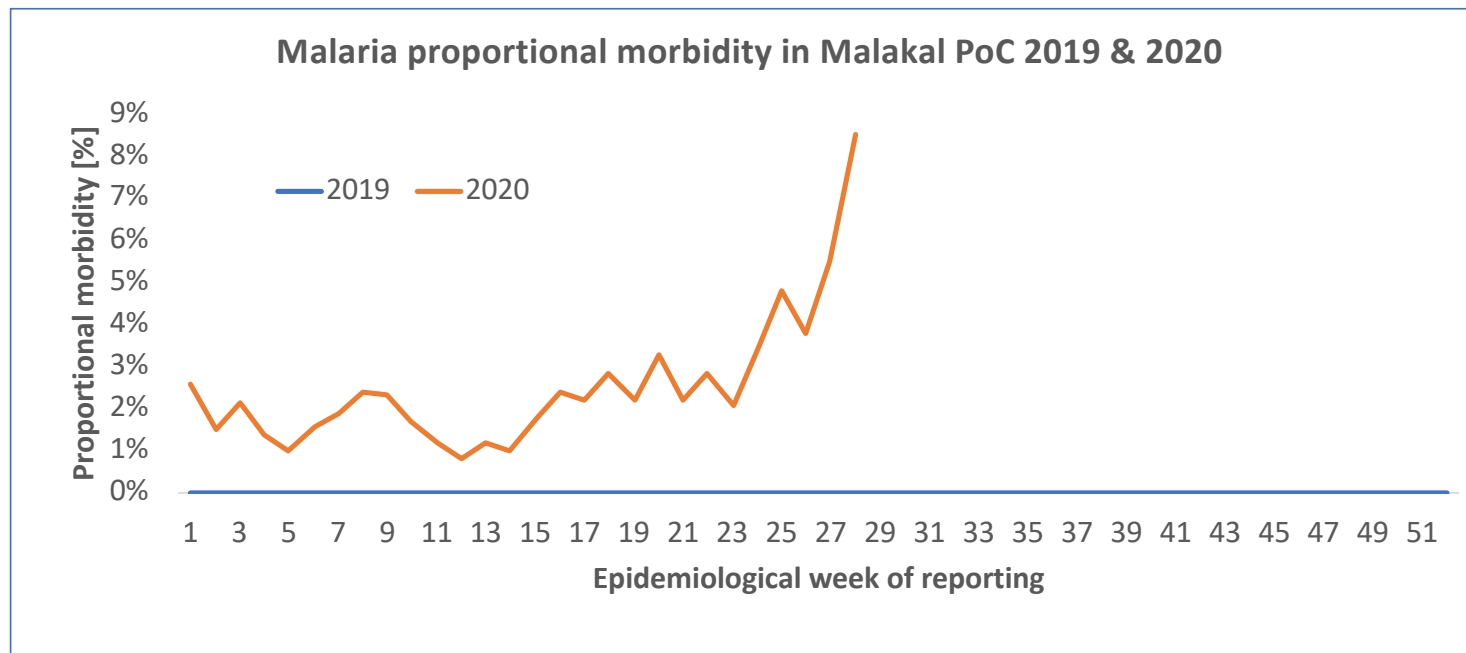
- Malaria started rising earlier (wk23, 2020) when compared to 2019
- In wk 28, 2020 malaria accounted for 42% of OPD consultations and surpassed ARI as the top cause of morbidity (45% increase from wk 27 of 2020)

# Top causes of morbidity, Malakal PoC, wk 28, 2020



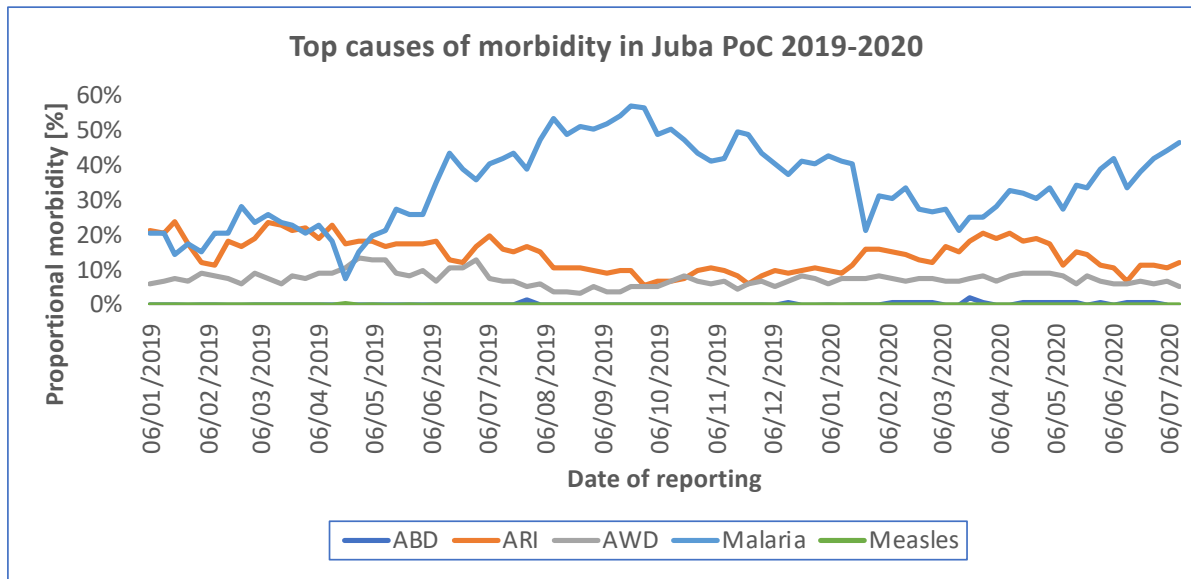
- ARI is the top cause of morbidity in Malakal PoC
- ARI accounts for 22% of OPD consultations and declined when compared to 29% in week 27, 2020
- Malaria proportional morbidity is 9% and has been rising since week 26, 2020

## Malaria trends in Malakal PoC, 2019-2020



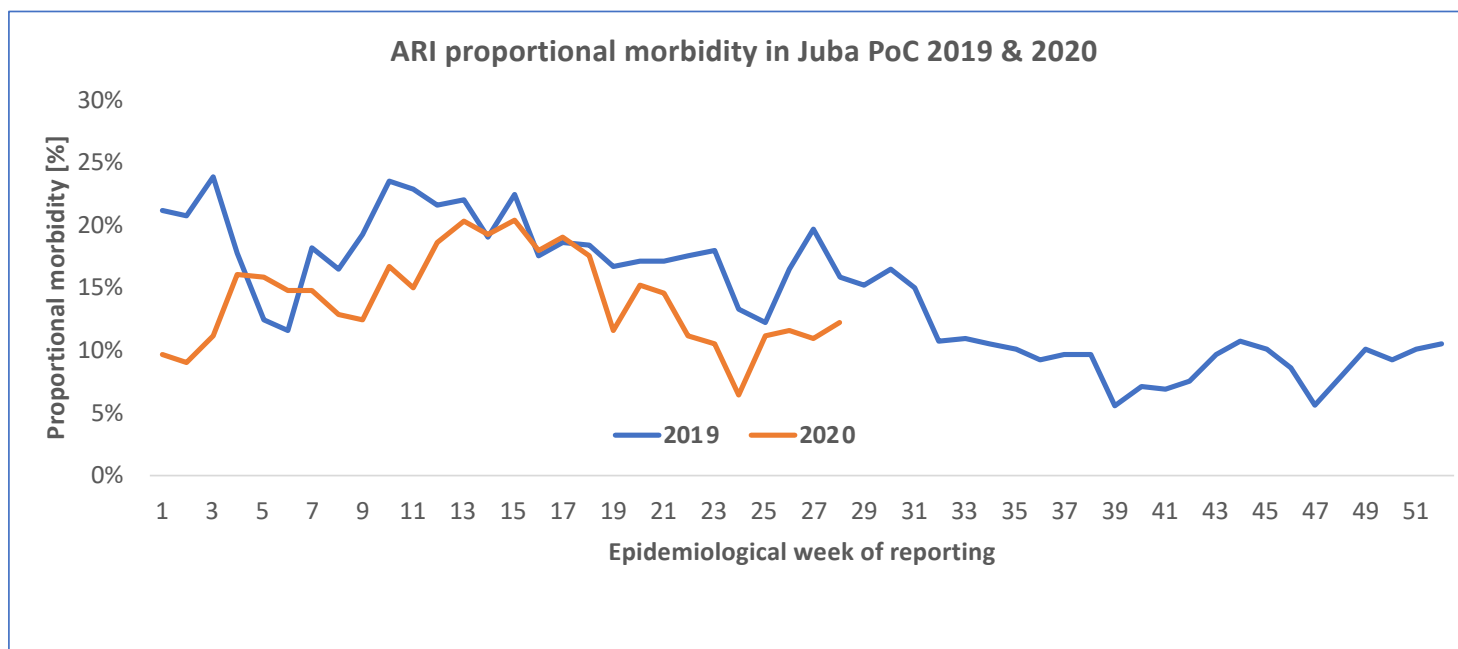
- Malaria cases in Malakal PoC have increased by 125% since week 26 of 2020

# Top causes of morbidity, Juba PoC, wk 28, 2020



- Malaria is top cause of morbidity followed by ARI & AWD since wk 1, 2020
- Malaria currently accounts for 46% of the total OPD consultations
- ARI proportional morbidity is currently 12%

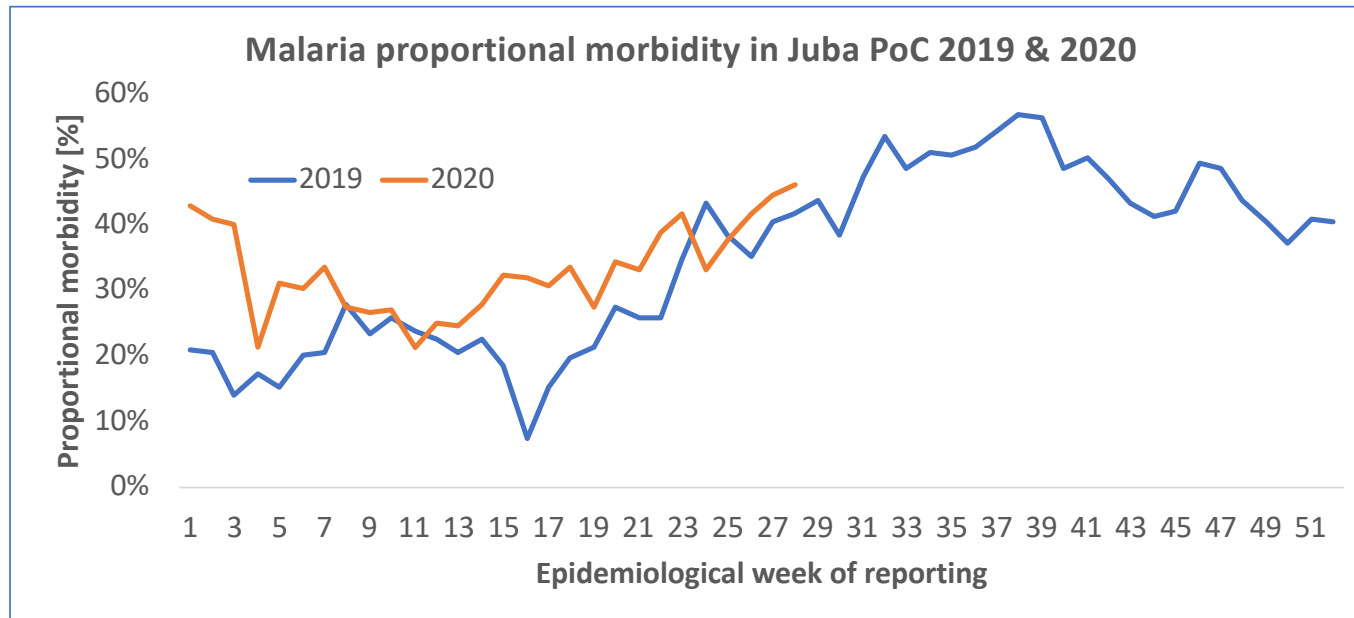
## ARI trends in Juba PoC, 2019-2020



ARI proportional morbidity in Juba PoC in 2020 (12%) lower when compared to the corresponding period of 2019 (16%)

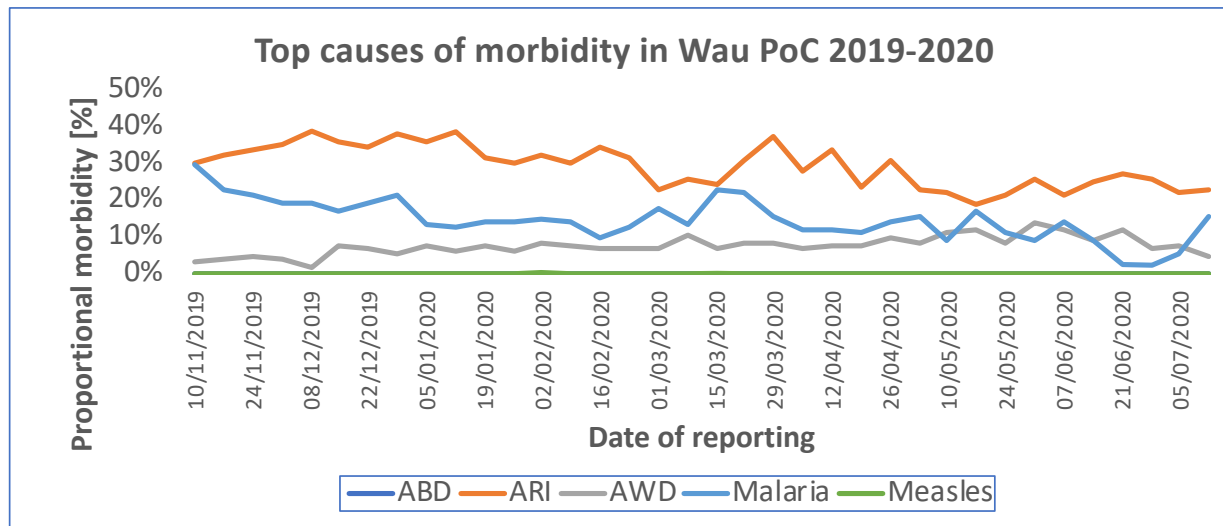


## Malaria trends in Juba PoC, 2019-2020



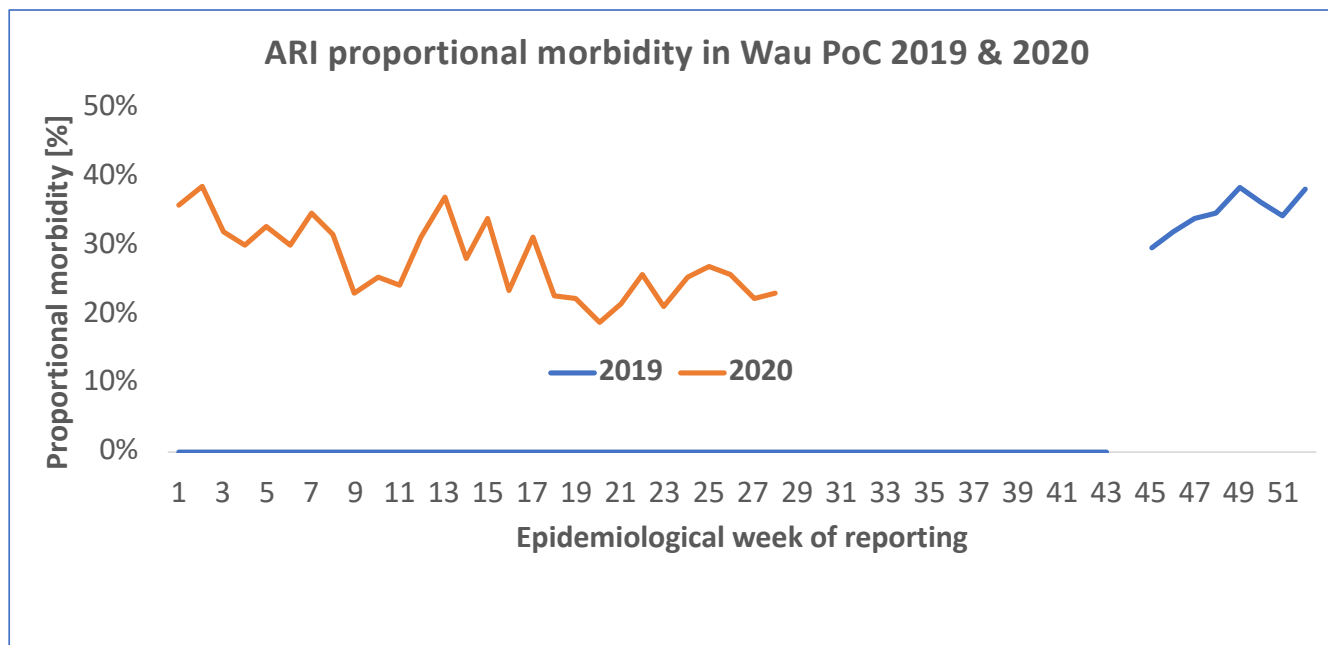
- Malaria cases in 2020 are higher when compared to same period of 2019
- In wk 28, 2020 malaria accounted for 46% of OPD consultations when compared to 42% in wk 28, 2019; & 45% in week 27 of 2020.

# Top causes of morbidity, Wau PoC, wk 28, 2020



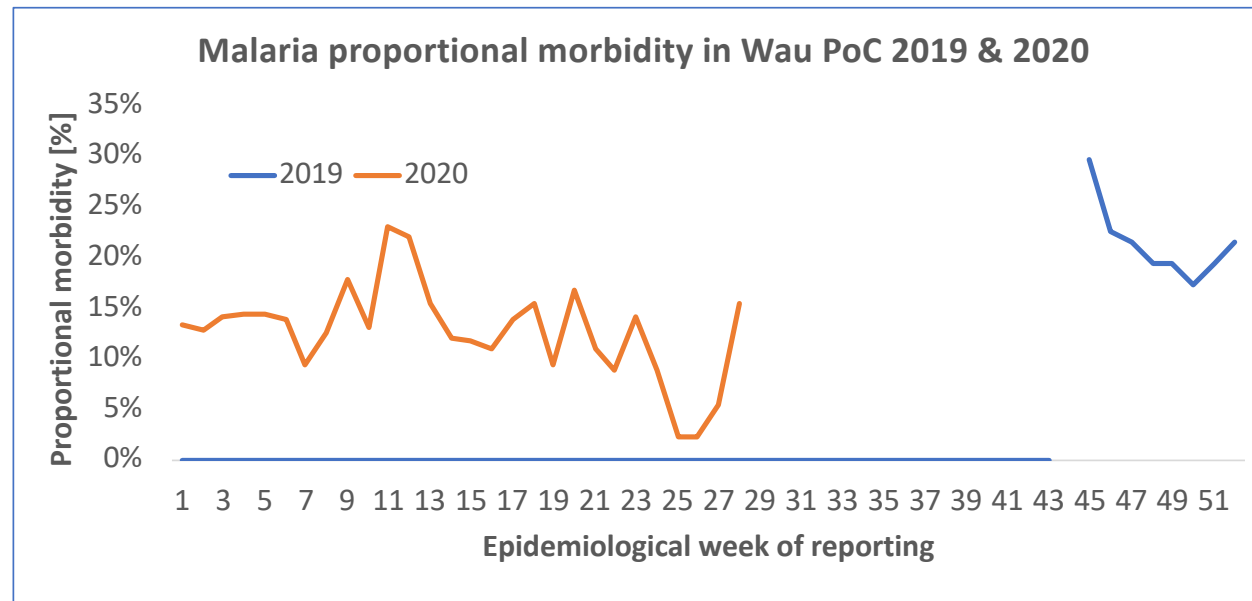
- ARI is top cause of morbidity followed by malaria & AWD since wk 1, 2020
- ARI currently accounts for 23% of the total OPD consultations
- Malaria proportional morbidity risen from 6% in wk 27, 2020 to 15% in week 28, 2020

## ARI trends in Wau PoC, 2019-2020



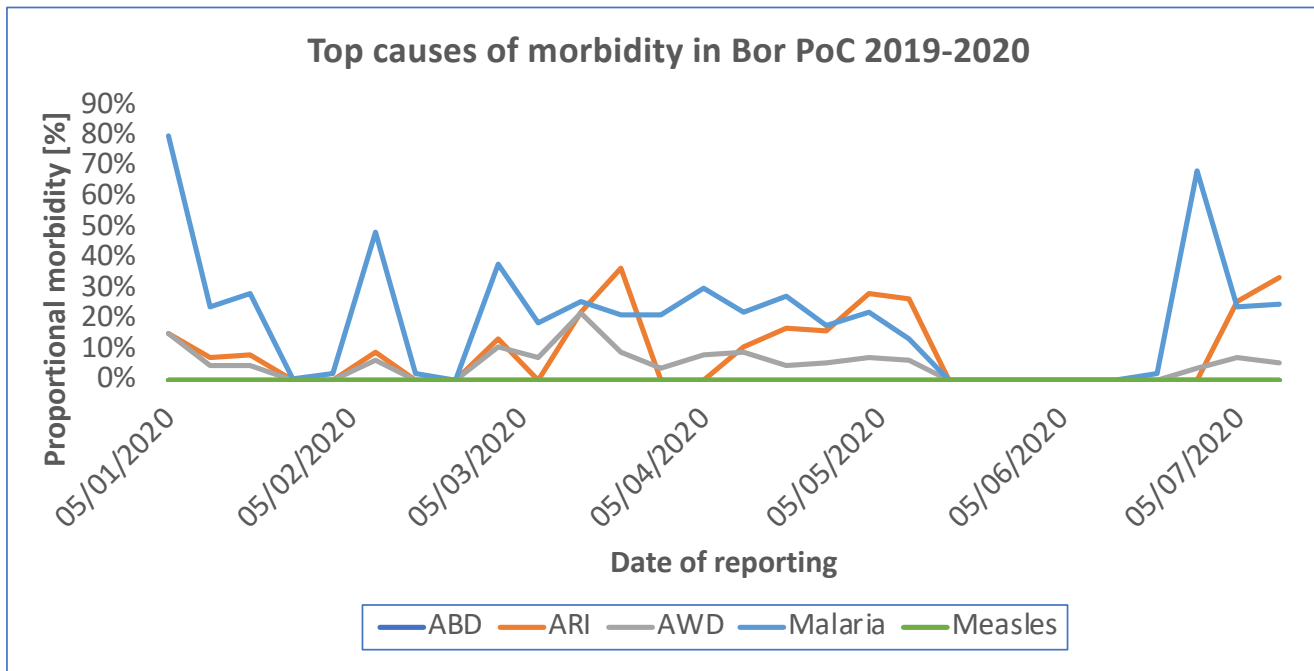
ARI proportional morbidity declined from 36% in week 1 of 2020 to 23% in week 28 of 2020.

## Malaria trends in Wau PoC, 2019-2020



Malaria cases cases increased by 150% in week 28, 2020 (6%) when compared to week 27, 2020 (15%)

# Top causes of morbidity, Bor PoC, wk 28, 2020



- ARI is the top cause of morbidity in Bor PoC
- ARI increased by 42% in wk 28 (34%) when compared to week 27 of 2020 (24%)
- Malaria accounts for 25% of OPD consultations

# Mortality surveillance in Bentiu PoC

[no data submitted from other PoCs]

Week 28 of 2020

## Mortality trends in Bentiu PoC 2019-2020

**Number of ARI deaths Bentiu PoC, weeks 1-28, 2019 & 2020**

Year	<5yrs	≥5yrs	Total deaths
2019	24	27	51
2020	30	51	81
<b>Total deaths</b>	<b>54</b>	<b>78</b>	<b>132</b>

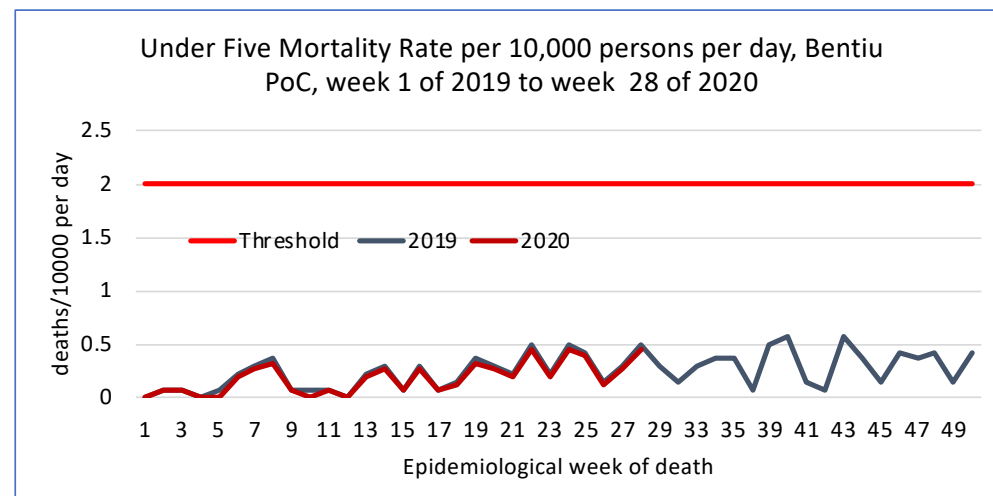
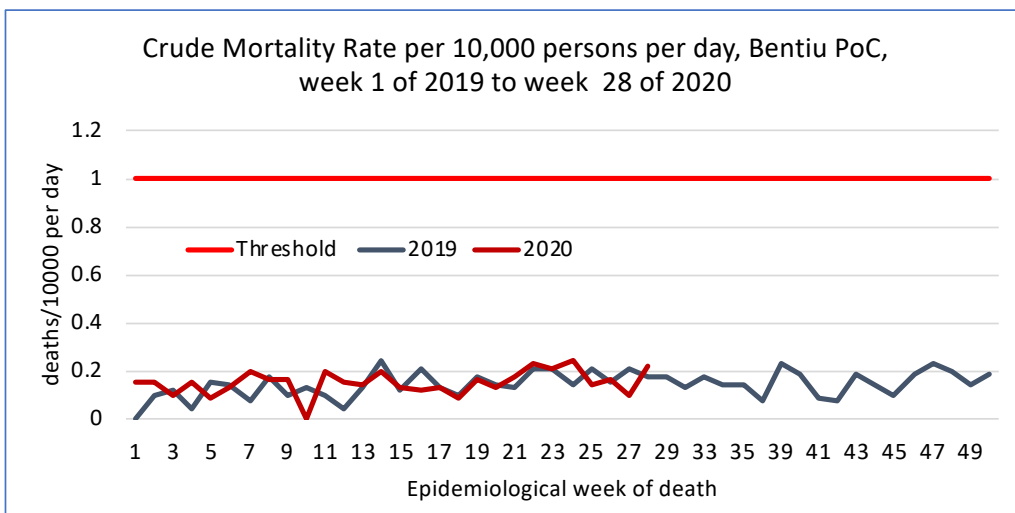
Higher number of deaths reported in 2020 when compared to 2019

**ARI Proportional mortality, Bentiu, weeks 1-28, 2019 & 2020**

	≤5yrs	>5yrs	All ages
2019	30%	14%	19%
2020	26%	24%	25%

- Proportional mortality rate is lower in 2020 than in 2019 in children <5yrs
- In ≥5yrs; proportional mortality rate is higher in 2020 when compared to 2019

# Mortality trends in Bentiu PoC 2019-2020



The overall risk of death (Crude Mortality Rate - CMR) during 2020 is comparable to 2019 & below the emergency threshold of 1 death per 10,000 per day

The risk of death in children <5yrs of age (U5MR) in 2020 is comparable to 2019 & below the emergency threshold of 2 death per 10,000 per day.



# Conclusions

- Malaria cases have increased in Bentiu PoC; Juba PoC; Malakal PoC; & Wau PoC and is the top cause of morbidity in Bentiu PoC & Juba PoC
- Malaria surpassed ARI as the top cause of morbidity in Bentiu PoC
- ARI is the top cause of morbidity in Malakal; Wau; & Bor PoCs
- Mortality (CMR & U5MR) in Bentiu PoC remain below the emergency thresholds.
- ARI deaths in Bentiu PoC in persons  $\geq 5$  yrs higher in 2020 when compared to 2019 (However, only two ARI deaths in Bentiu PoC are attributed to COVID-19)

# Recommendations

- Strengthen surveillance for COVID-19 and other IDSR priority diseases in the PoCs
- Strengthen implementation and adherence to public health social measures for COVID-19 prevention in the PoCs
- Strengthen malaria prevention & control including improved access to diagnostics; medicines; vector control (LLINs and larviciding); & BCC for malaria prevention
- Mortality line lists should be submitted from other PoCs – Juba; Malakal; Bor

Thank you