



REPÚBLICA DE MOÇAMBIQUE  
MINISTÉRIO DA SAÚDE



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World Health  
Organization

# Mozambique

## Response to Cyclone Kenneth

May 1 to May 5, 2019

**Week 18**

Weekly epidemiological bulletin

**Publication n°1**

## Highlights

Cyclone Kenneth made landfall in Cabo Delgado Province on 26 April 2019. An outbreak of cholera was confirmed on 01 May 2019.

From 1 May to 5 May 2019, the portion of week 18 for which data are available, 75 suspect cases and no deaths were reported in Pemba and Mecúfi districts of Cabo Delgado Province.

The overall attack rate in Cabo Delgado Province was 31 per 100 000 population. Pemba district was the most affected district with an overall attack rate of 33 cases per 100 000 population.

Within Pemba, the bairros with the most reported cases were Gingone (16 cases) and Natite (13 cases).

On 1 May, laboratory culture was performed on 15 RDT-positive samples, of which 13 (87%) were culture positive (*V.cholera* O1), with no results pending.

## Cholera

During the reporting period, suspect cholera cases were reported by CTCs, health centres, and hospitals. As of 5 May 2019, the following sites were reporting:

**Table 1. Sites reporting suspect cholera cases, Cabo Delgado Province (1 – 5 May 2019)**

Type	Number reporting	Locations
CTC	2	Pemba and Mecúfi
Health center/hospital	3	Pemba

The number of sites reporting per day increased from two on 1 May to a peak of four on 5 May.

Sites report daily the number of new suspect cholera cases identified, disaggregated by age-group (cumulative n = 75). In addition, the age, sex, clinical symptoms, treatment plan, and bairro are reported with some delay (cumulative n = 75). Figures in this report utilize the aggregated data unless otherwise specified.

## Cholera outbreak case definition

### Suspect case

Age greater than 2 years, acute diarrhea with rice water appearance, with or without vomiting, with signs of dehydration.

### Confirmed cases

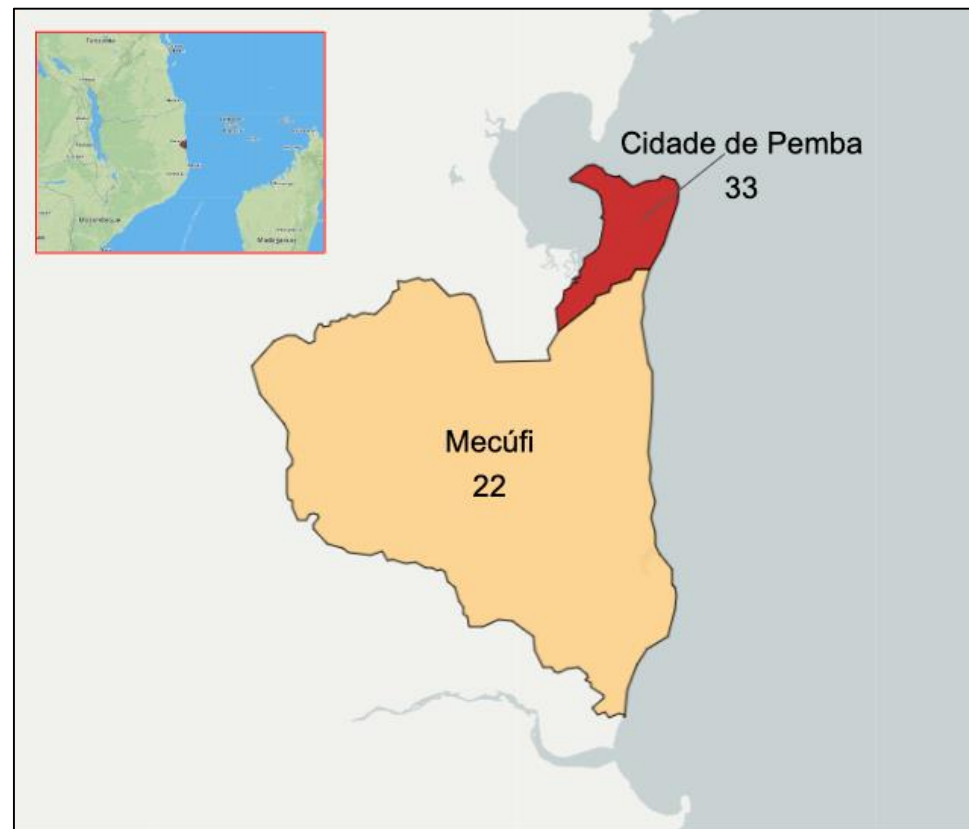
Any suspect case with laboratory confirmation (isolation of *V. cholerae* O1 or O139 in stool sample).

**Table 2. Number of suspect cholera cases, attack rate and deaths by district, Cabo Delgado Province (1 – 5 May 2019)**

District	Cases	Population	Deaths	Attack Rate (per 100 000 population)
Cidade de Pemba	66	200 529	0	33
Mecúfi	9	40 433	0	22
<b>Total</b>	<b>75</b>	<b>240 962</b>	<b>0</b>	<b>31</b>

**Table 3. Diagnostic testing of suspect cholera cases, Cabo Delgado Province, 1 May 2019**

Site	Cultures	Positive Cultures	Pending Cultures
Hospital Provincial de Pemba	12	10	0
CS Murrebue	3	3	0
<b>TOTAL</b>	<b>15</b>	<b>13</b>	<b>0</b>



**Figure 1. Attack rate per 100 000 population by district, Cabo Delgado Province (1 May – 5 May 2019)**

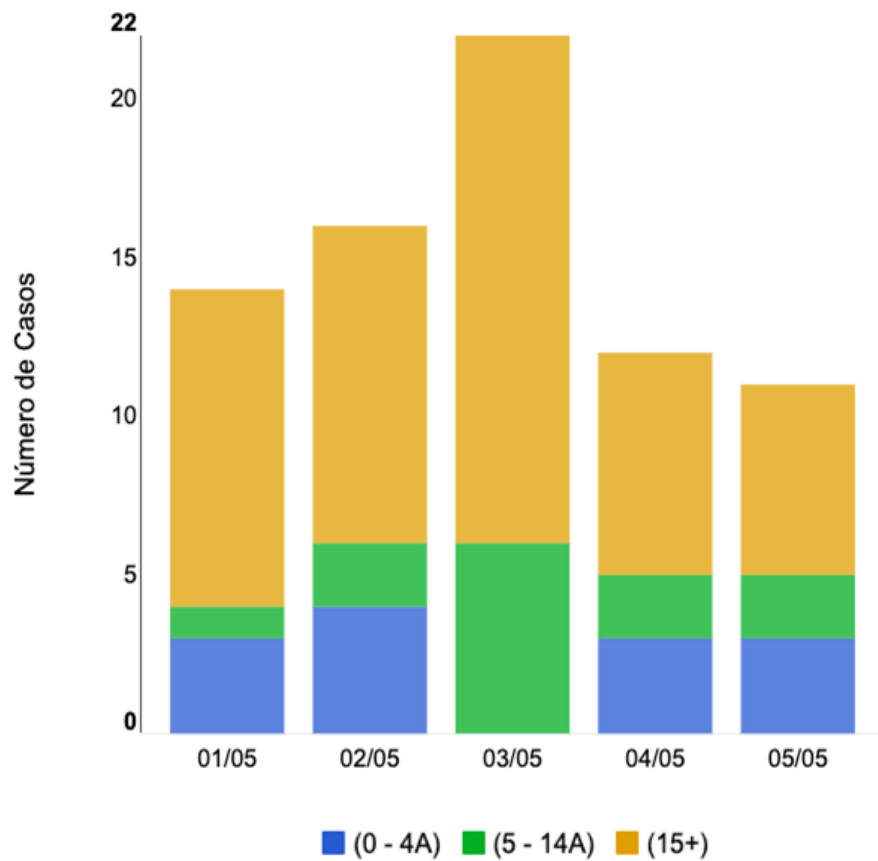


Figure 2. Number of suspect cholera cases by day of reporting and age group Cabo Delgado Province (1 May – 5 May 2019) (n = 75)

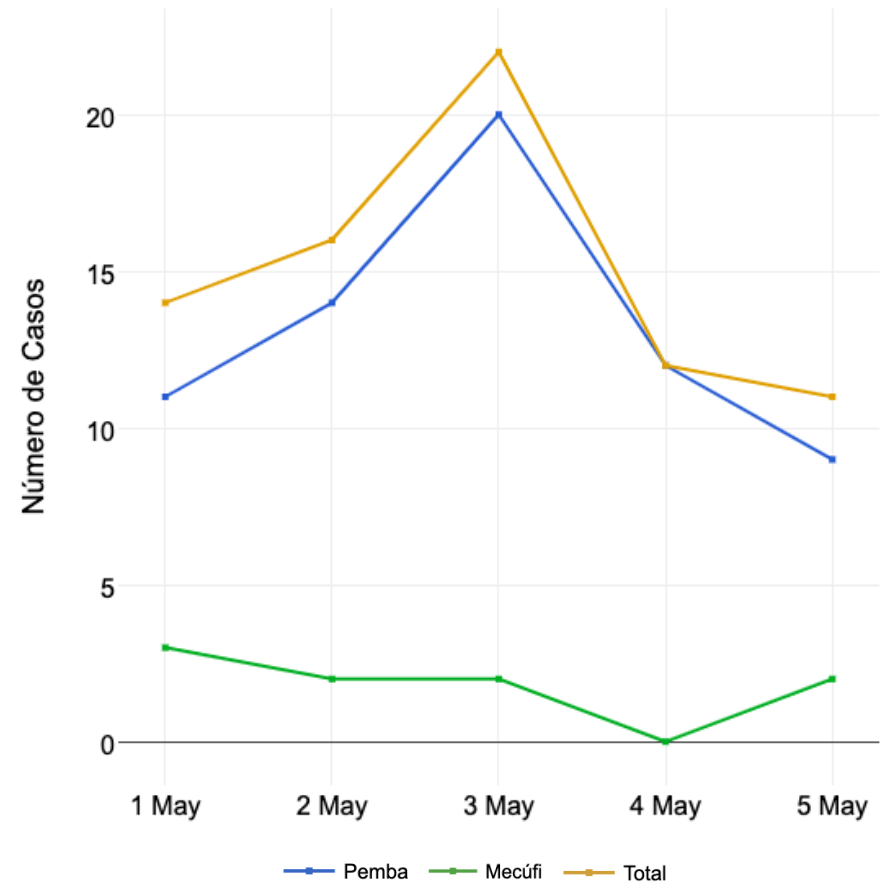


Figure 3. Number of suspect cholera cases by day of reporting in affected districts, Cabo Delgado Province (1 May – 5 May 2019) (n = 75)

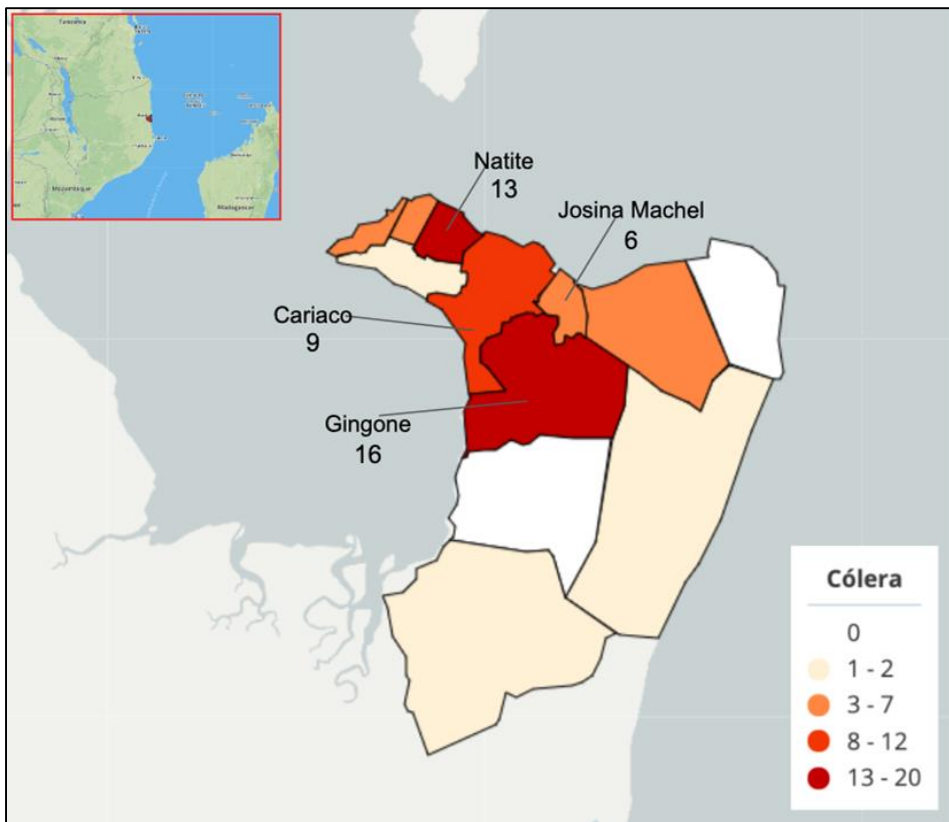


Figure 4. Cumulative suspect cholera cases by Bairro, City of Pemba (1 May – 5 May 2019)

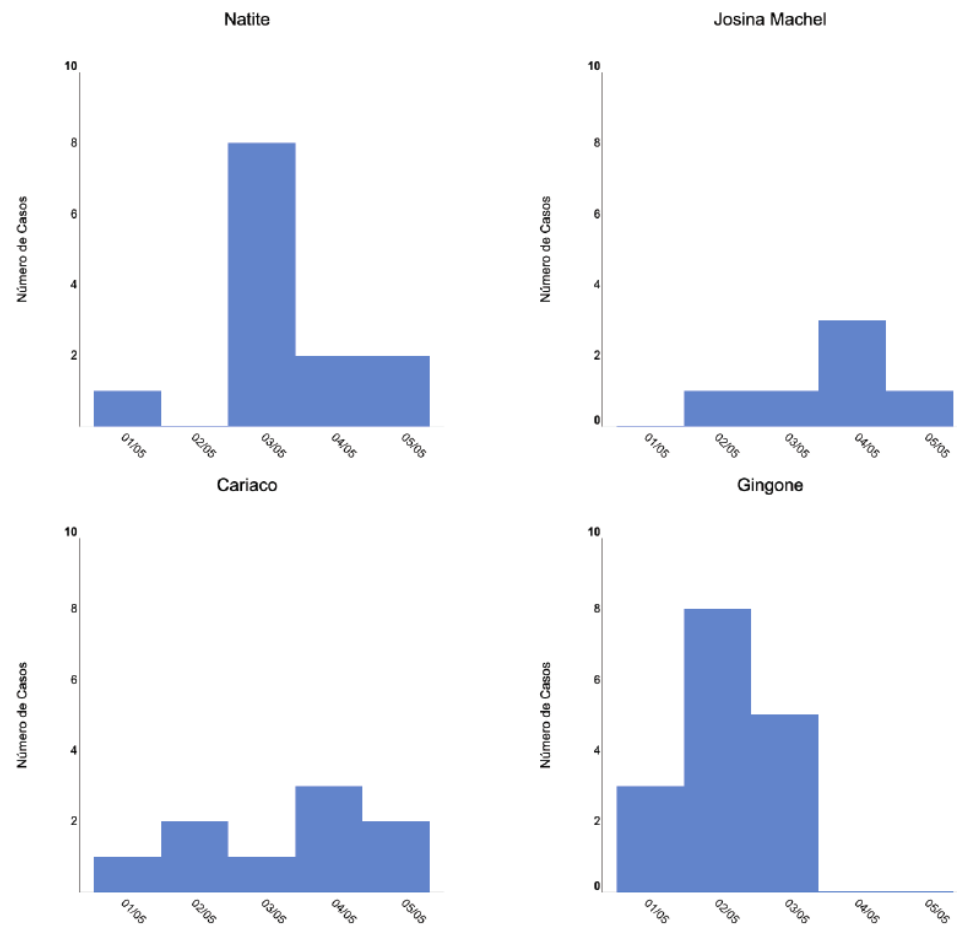


Figure 5. Suspect cholera cases by day of reporting in the most affected bairros, City of Pemba (1 May – 5 May 2019)

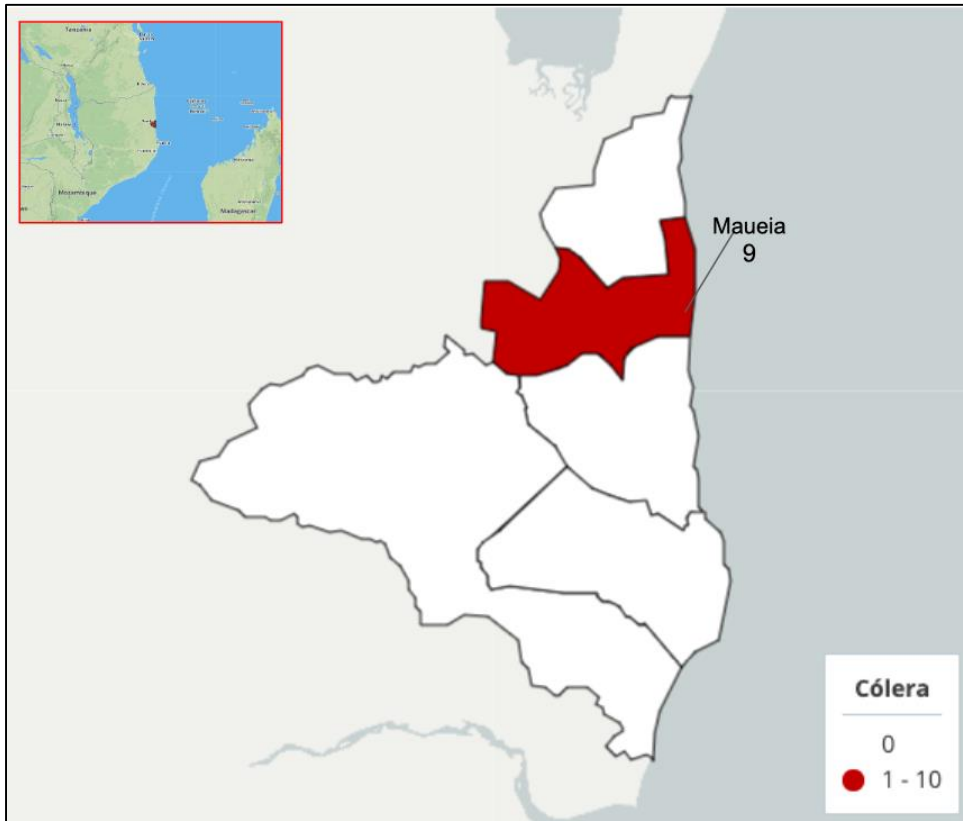


Figure 6. Cumulative suspect cholera cases by Bairro, Mecúfi District (1 May – 5 May 2019)

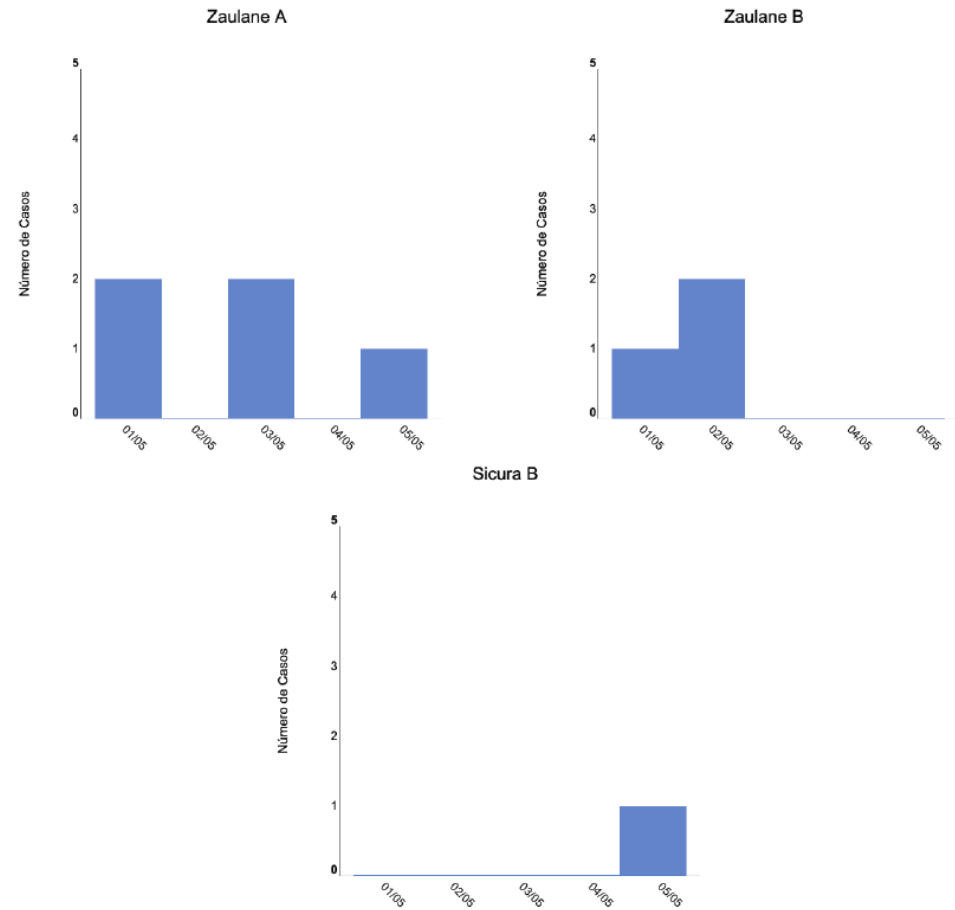


Figure 7. Suspect cholera cases by day of reporting in the most affected Unidades Of Maueia Bairro, Province of Mecúfi (1 May – 5 May 2019)

## Acknowledgments

INS and WHO greatly acknowledge all partners who have contributed to strengthening the surveillance system and reported data used in this bulletin, in particular CDC, AMI, CDC-Europe, IANPHI, Zenysis and IFRC e MSF.

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Data are subject to delays in case confirmation and reporting, as well as ongoing data cleaning. Report intended for planning purposes.