



# Somalia's AWD/Cholera Epidemiological Report Weekly Update: EPI Week 7 (12th February-18th February 2024)

## Description

## Attachments

### Incidents of Recent Contagion in Epi-week Seven

- 376 contemporary cases of cholera have been documented emanating from 19 distinct districts.
- Of these, 221 equivocate to severe manifestations constituting 51% of the total. Subordinate demographic data suggests 213 of these cases involved children under the age of five, corresponding to 57%, while 195 (52%) were females, vividly revealing the demographics susceptible to the contagion. Tragically, three fatalities attributed to the disease were recorded within the week.
- Scientific analysis of 73 stool samples revealed 11 positive results for V. Cholerae 01 Ogawa via the culture method.
- A total of 207 samples were inspected using the Rapid Diagnostic Test, out of which 60 signified the possible presence of V. Cholerae 01 Ogawa.

### Cumulative Instances (Extended Period: Week 1 - 7 of 2024)

- During this prolonged period, a cumulative 2,943 cases were reported. Intriguingly, gender distribution data shows that exactly half of these cases (1,471) were females.
- Of the total number, 1,794 (61%) were children below the age of five, further punctuating the pronounced vulnerability of this demographic. A total of 26 mortalities, representing a Case Fatality Ratio (CFR) of 0.9% have sadly been recorded.
- With 1,748 acute (59%) forms of the illness recorded and lending more gravity to the situation, it's evident that the country has encountered a major public health emergency.
- Distinct geographical areas affected by the cholera outbreak continue to expand, having now 24 flood-impacted districts consequent of El Niño climate fluctuations reporting infection.

Somalia, strategically located in the Horn of Africa, has been beleaguered by relentless disease transmission particularly in the Banadir region since 2017. The persisting cholera outbreak can be attributed to a burgeoning population devoid of access to potable water and adequate sanitation infrastructure. Compounding the already precarious scenario is the onset of El Niño floods, which as per UN OCHA estimates, have negatively impacted over 2.5 million Somalis, resulting in the displacement of a staggering 1.2 million individuals and claiming 118 lives. The cataclysmic climate conditions have intensified the health crisis, culminating in an extensive displacement of the already vulnerable population.

Within the last fortnight, the Banadir region has seen an upswing in the number of reported Acute Watery Diarrhea (AWD)/cholera cases, signaling a grave health concern.



A series of districts including Afgoye, Baidoa, Burhakaba, Merka, Kismayo, Beletweyn, and Jowhar, continue to see instability in the progression of the disease, with the case numbers fluctuating undeterminably.

Moreover, it merits noting that a recent surge in AWD cases is unraveling in the Jalalaqsi and Bulleburte districts of the Hiran Region and within the Mahaday district in the Middle Shabelle territory.

Indisputably, since the commencement of the year 2024, the illness has seen an alarming rise, with a total of 2,943 fresh occurrences documented. The geographic distribution of the cases highlights the urgency for targeted intervention in these high-risk areas.

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## Vocabulary List:

1. **Contagion** // (noun): The spread of disease from one person or organism to another by direct or indirect contact.
2. **Cholera** // (noun): An acute intestinal infection caused by ingestion of food or water contaminated with the bacterium *Vibrio cholerae*.
3. **Emanating** // (verb): To originate from; to come out or proceed from a source.
4. **Manifestations** // (noun): Signs or symptoms of a particular condition or disease.
5. **Demographic** // (adjective): Related to the characteristics of a population, such as age, gender, income, etc.
6. **Fatalities** // (noun): Deaths resulting from a specific cause or condition.

## Vocabulary quizzes

### Multiple Choice ( Select the Correct answer for each question. )

1. Which disease is characterized by inflammation of the liver?  
Option: Cholera  
Option: Hepatitis  
Option: Influenza  
Option: Malaria
2. What is the process of making a person immune or resistant to an infectious disease?  
Option: Exposure  
Option: Immunization  
Option: Contagion  
Option: Confirmation
3. Which term is used to describe something that is polluted or made impure?  
Option: Resilience  
Option: Exposed  
Option: Contaminated  
Option: Notoriety
4. What word means watchful attentive or on the lookout for danger?  
Option: Vigilant  
Option: Incident  
Option: Proliferating  
Option: Surplus
5. Which term refers to an indication or a sign of a condition or disease?



- Option: Fatalities
- Option: Adipose
- Option: Manifestation
- Option: Hybridization

6. What is the condition of being subjected to contact with a disease-causing agent?

- Option: Tactic
- Option: Confirmation
- Option: Exposure
- Option: Emanating

7. Which term refers to the state of being famous or well-known for something negative?

- Option: Demographic
- Option: Notoriety
- Option: Contagion
- Option: Uncomplicated

8. Which disease is an infectious and often fatal bacterial disease of the small intestine?

- Option: Herculean
- Option: Cholera
- Option: Emanating
- Option: Vigilance

9. What term refers to deaths resulting from a specific event or condition?

- Option: Tactic
- Option: Fatalities
- Option: Incident
- Option: Surplus

10. Which term means an excess of something usually more than what is needed?

- Option: Resilience
- Option: Surplus
- Option: Proliferating
- Option: Contaminated

**Gap-Fill ( Fill in the blanks with the correct word from the vocabulary list. )**

11. Hepatitis is a \_\_\_\_\_ disease that can be spread through infected bodily fluids.



12. The process of combining different varieties or species to create new traits is known as \_\_\_\_\_.
13. The health department reported an \_\_\_\_\_ of food poisoning related to a particular restaurant.
14. Common symptoms of the flu may \_\_\_\_\_ as fever cough and body aches.
15. Maintaining \_\_\_\_\_ against the spread of infectious diseases is crucial for public health.
16. With global travel diseases are capable of quickly \_\_\_\_\_ across continents.
17. Studying the \_\_\_\_\_ data helps health officials identify at-risk populations.
18. The earthquake resulted in numerous \_\_\_\_\_ due to collapsed buildings.
19. Excess calories are stored as \_\_\_\_\_ tissue in the body.
20. Vaccines work by stimulating the body's \_\_\_\_\_ response to a particular pathogen.

**Matching Sentences ( Match each definition to the correct word from the vocabulary list. )**

21. The spread of the virus among the population was a major concern for public health officials.
22. The ability of a community to bounce back from a disaster demonstrates its strength and capacity for recovery.
23. The organization implemented a new marketing to increase customer engagement.
24. The skilled pilot executed a perfect to avoid a mid-air collision.
25. The laboratory results provided of the presence of the virus in the patient.
26. Individuals who were in direct contact with the infected person were considered to the disease.
27. A foul odor was from the contaminated water source.



28. The gathering of people at the event formed a large in the town square.

29. The criminal gained for their elaborate heists and daring escapes.

30. Crossbreeding two different plant species can lead to genetic variations through .

## Answer

**Multiple Choice:** 1. Hepatitis 2. Immunization 3. Contaminated 4. Vigilant 5. Manifestation 6. Exposure  
7. Notoriety 8. Cholera 9. Fatalities 10. Surplus

**Gap-Fill:** 11. transmittable 12. hybridization 13. incident 14. manifest 15. vigilance 16. proliferating  
17. demographic 18. fatalities 19. adipose 20. immunological

**Matching sentence:** 1. contagion 2. resilience 3. tactic 4. manoeuvre 5. confirmation 6. exposed 7. emanating  
8. congregation 9. notoriety 10. hybridization

## CATEGORY

1. Health - LEVEL6

### Date Created

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