

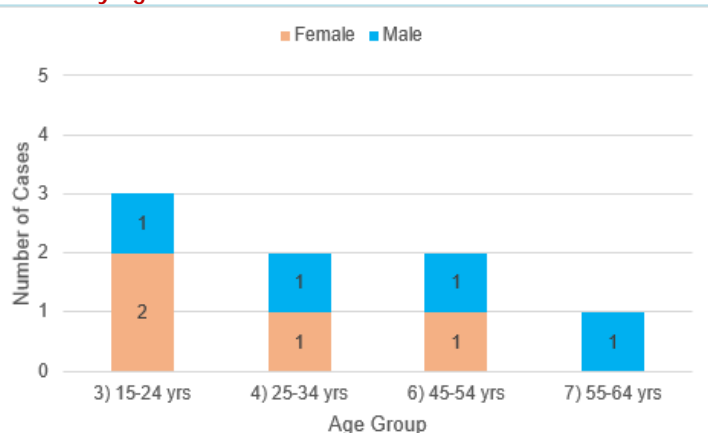
# ACUTE WATERY DIARRHOEA OUTBREAK IN KATHMANDU VALLEY

24<sup>th</sup> June, 2022

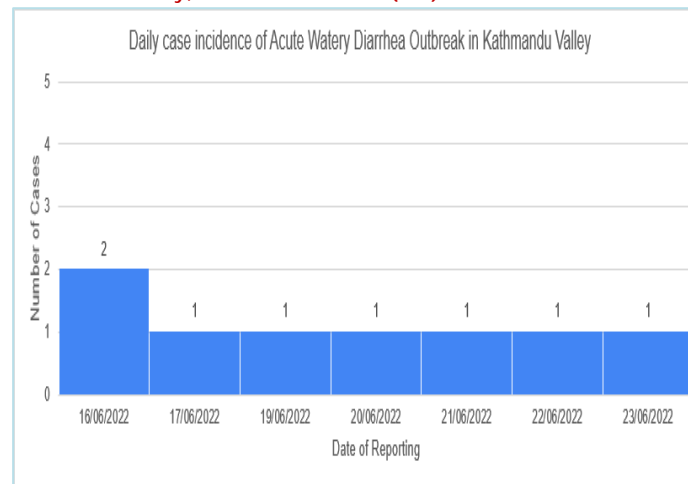
## Highlights

- As of 23 June 2022, a total of 8 cases of Acute watery Diarrhea has been notified.
- Cholera was confirmed by stool culture in 5 cases, microscopy in 2 cases.
- Sukraraj Tropical and Infectious Disease Hospital (STIDH) reported 2 cases on 16 June, 1 case on 17 June, 1 cases on 19 June with an additional case on 21 June 2022. Two cases are residents of Bagbazaar, Kathmandu-28; 1 case is resident of Sanepa, Lalitpur-3; 1 case from Dilibazaar, Kathmandu and 1 case from Boratar, Balaju, Kathmandu-16.
- On 20<sup>th</sup> June, Patan Academy of Health Sciences (PAHS) reported 1 microbiologically confirmed case of Cholera through EWARS, resident of Kapan, Budhanilkantha-10.
- The first two cases reported from STIDH belonged to same family and household and worked in Dillibazar area in a furnishing shop. Initial field investigation conducted by joint team from Kathmandu DHO, Metropolitan, EDCD, DFTQC and WHO revealed using tap water for drinking purpose. Initial case investigation of other two cases revealed that source of drinking water was commercial jar water.
- Till date, 5 patients are ongoing treatment at STIDH and 1 case has already been discharged.
- Of all cases reported, 70% are male with age ranging from 18 to 55 years. All cases has been contacted for initial investigation.
- 3 samples of stored tap, Jar and ground water used for drinking in from index case household and workplace has shown coliform contamination.

## Cases by age and Sex



Epidemic curve of reported cases of Acute Watery Diarrhea in Kathmandu Valley, as of 23<sup>rd</sup> June 2022 (n=8)



## Key figures

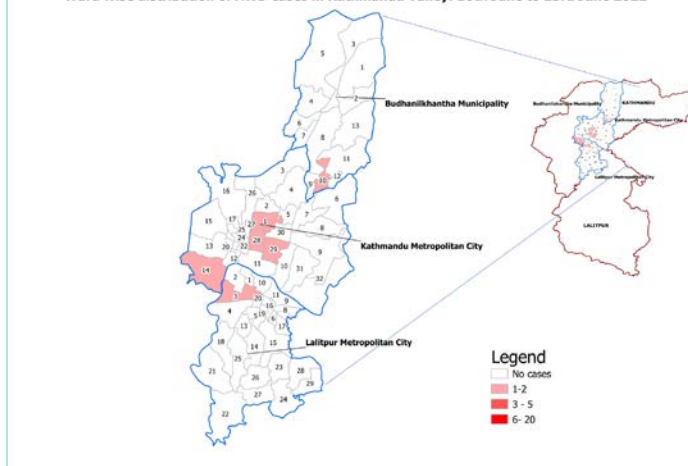
Cases  
8

Related deaths  
0

CFR  
0%

Children <5  
0%

Ward wise distribution of AWD cases in Kathmandu Valley: 16th June to 23rd June 2022



## Activities of response and plan:

- On 19<sup>th</sup> June 2022 EDCD conducted **emergency meeting** on preparedness and response of Cholera involving all stakeholders from DoHS, STIDH, Kathmandu DHO, and Metropolitan.
- Press brief sent** to HEOC and released by MoHP
- Team division and workplan** has been formulated after meeting with concerned stakeholders
- On 20<sup>th</sup> June 2022 A team from EDCD along with District team conducted **field epidemiological investigation**.
- Door to door case finding** activities ongoing
- 2<sup>nd</sup> stakeholder meeting emphasized on **water purification and treatment, and to conduct water and food surveillance**.
- Metropolitan and district have conducted **WASH awareness through miking and FM as part of RCCE**.
- Essential medicines and RDT stockpiling and other logistics being emphasized at the earliest.
- Joint water surveillance at conducted at outbreak sites.
- RRT Lalitpur** and **RRT team Kathmandu** oriented on outbreak investigation and surveillance in support to WHO.
- Hub and satellite hospital briefed on ongoing Cholera outbreak response.
- NEOC meeting to engage multi-stakeholders
- Immediate Plan**
- Workplan to be drafted in leadership of NEOC
- Training to capacitate the Kathmandu valley RRT
- Sampling and testing water for fecal contamination from outbreak sites

## Pictures



**NEOC meeting on for Cholera Outbreak in Kathmandu Valley**  
Asar 10, 2079  
(June 24, 2022)