



Chikungunya Outbreak 2025 in Bangladesh

Overview

The Institute of Epidemiology, Disease Control and Research (IEDCR) has observed a resurgence of Chikungunya virus (CHIKV) transmission in 2025. Between 1st January and 31st December 2025, a total of **19490** laboratory confirmed Chikungunya cases were reported to IEDCR, either confirmed by RT-PCR or ICT method.

Epidemiological Trend

Cases have been reported from both Dhaka North and Dhaka South City Corporations, reflecting widespread urban transmission in Dhaka city. Cases have also been reported from **Chattogram** (the 2nd largest city of the country), and **Gazipur & Narayanganj**, two districts adjacent to capital Dhaka. After several months of low number of cases, a notable increase has been recorded since June 2025. The cases peaked during August and then declined gradually.

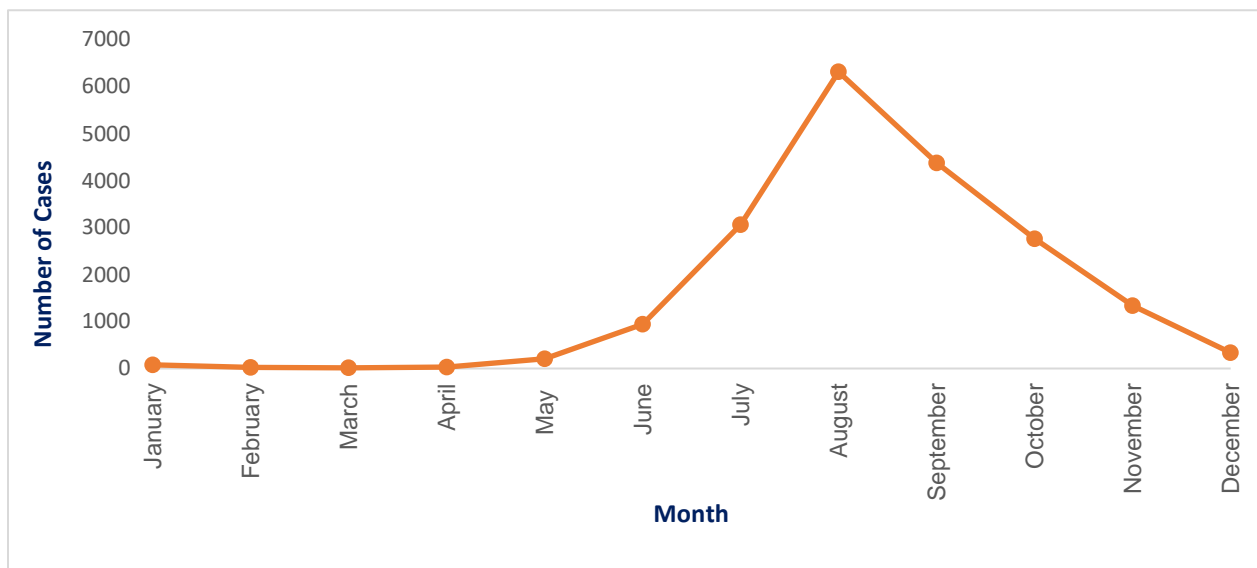


Figure 1: Month-wise distribution of laboratory confirmed CHIKV Cases from January 1 to December 31, 2025



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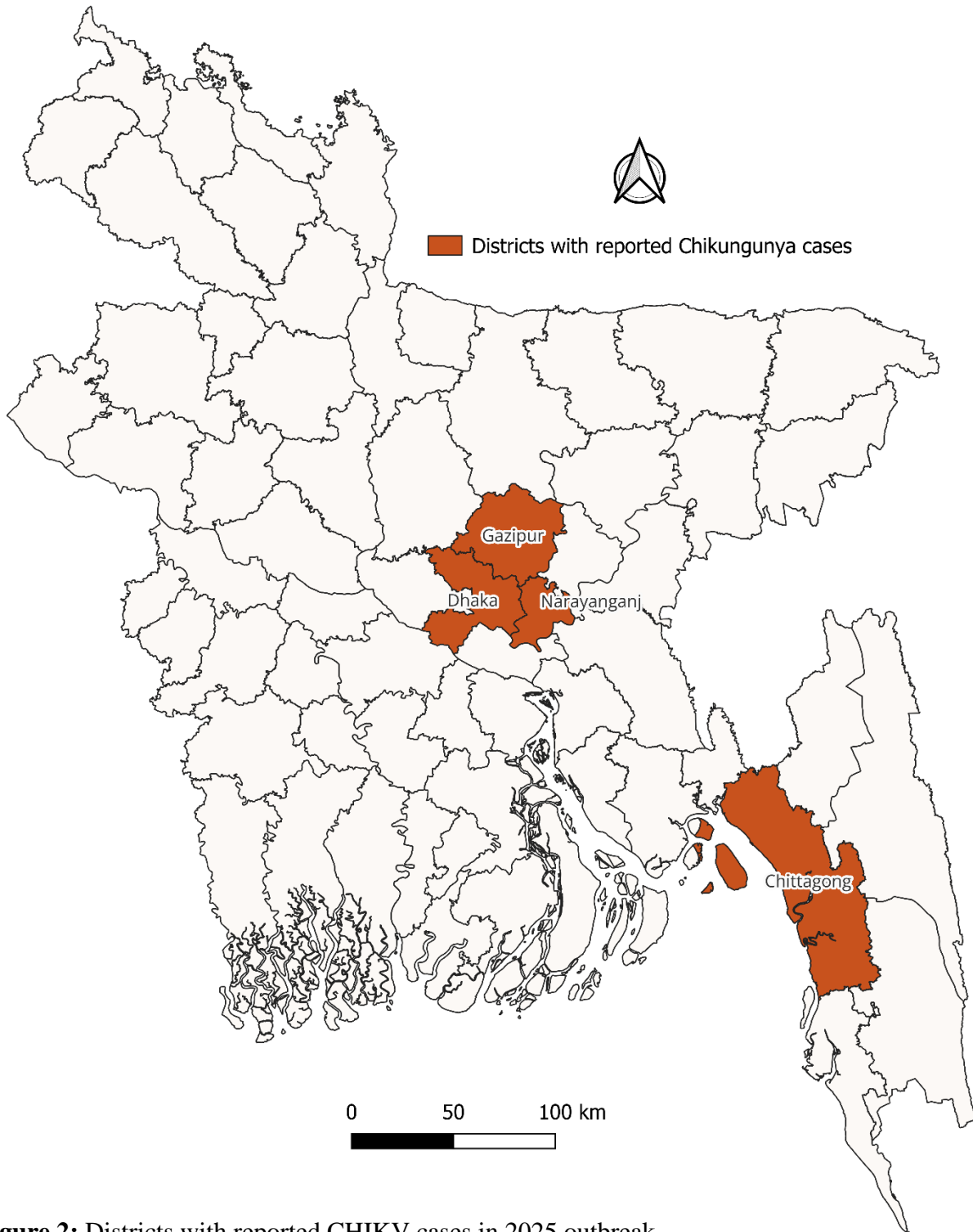


Figure 2: Districts with reported CHIKV cases in 2025 outbreak



Public Health Concern

Given the absence of a routine national surveillance system for Chikungunya, limited diagnostic capacity, and the clinical overlap with Dengue, particularly during the monsoon season, the reported numbers likely underestimate the true burden of the disease.

Recommendations:

Based on the available data, IEDCR made following recommendations:

- ❖ **Healthcare providers** are urged to remain vigilant for Chikungunya symptoms and consider differential diagnosis with Dengue.
- ❖ **Diagnostic testing** for Chikungunya should be prioritized for acute febrile cases with arthralgia, especially in affected localities.
- ❖ **Surveillance activities** should be expanded to identify new hotspots and monitor disease progression.
- ❖ The public is advised to take **preventive measures** to avoid mosquito bites and reduce mosquito breeding sites, particularly in and around homes.