

# ASEAN Biodiaspora Virtual Center

## Media Monitoring for Infectious and Emerging Diseases

### GLOBAL & ASEAN REGION

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This report is the result of media monitoring on infectious and emerging diseases happening around the world and among the ASEAN Member States. In order to improve pandemic and epidemic preparedness and response in the ASEAN Region, we provide this report three times a week starting from January 2024.

## Global Situation

### Chikungunya

- **India:** Pune Municipal Corporation (PMC) reported 90 cases of chikungunya in September, the highest number since July (Bhagat, I., 2024). So far this year, the city has reported 176 cases of chikungunya. In response, the civic body has initiated a case-concentrated containment strategy, focusing on vector control measures targeting *Aedes aegypti*, *Ae. albopictus*, and *Ae. japonicus* to curb the rise in vector-borne diseases. [\[Full article\]](#)

### Dengue

- **Bangladesh** recorded five dengue deaths for the second time in a week, marking the highest daily death toll this year (The Daily Star, 2024). Over the same 24-hour period, 872 dengue patients were hospitalized, the highest daily number of hospitalizations this year. The total number of dengue deaths rose to 113, with 2,208 patients currently under treatment. [\[Full article\]](#)
- **India:** Pune has reported 2,779 suspected dengue cases so far this year (Bhagat, I., 2024). This year, a total of 202 dengue cases have been confirmed by the National Institute of Virology (NIV). In the first two weeks of September, 76 cases were recorded, the highest monthly count so far. [\[Full article\]](#)
- **Pakistan:** A total of 48 dengue patients were reported in three public hospitals with 30 from Rawalpindi city and cantonment areas and the remaining patients from Islamabad and neighbouring areas (Yasin, A., 2024). Currently, there are 159 dengue patients admitted in several hospitals, with 35 patients discharged after treatment. Since January, 5,878 patients have visited the outpatient departments with 938 admissions and 459 confirmed cases. [\[Full article\]](#)

### Malaria

- **India:** Malaria has broken the three-year record in Lucknow City, Uttar Pradesh State, with 330 cases reported so far this year (Shrivastava, P., 2024). Major hospitals report around five new malaria patients daily, with over 20 cases seen in government hospitals. More malaria patients are being admitted than those with dengue. Officials are spraying anti-larvae in areas where cases are found to prevent further outbreaks. [\[Full article\]](#)



- **Pakistan:** Sindh province reported 149,102 malaria cases, including 1,074 in Karachi, but no malaria-related deaths (The Express Tribune, 2024). The rise in cases is attributed to ineffective drainage, open water storage, lack of disinfectant spraying, and climate change, as well as low public awareness. [[Full article](#)]

### *Pertussis*

- The **United States (US):** Public schools in Bartlesville, Oklahoma, have reported nine cases of whooping cough this year, particularly among students returning to school (Coyle, B., 2024). The outbreak is highly contagious, spreading through coughing and sneezing droplets, with a three-week contagious window. Parents are advised to contact healthcare providers if their children show symptoms of whooping cough, which include severe coughing fits and a whooping sound when breathing in. [[Full article](#)]
- **Ukraine:** Since the beginning of 2024, 878 cases of whooping cough have been recorded in the Ivano-Frankivsk region, with 845 being children (Pravda, 2024). The peak incidence of the disease fell in May, with almost 300 people diagnosed. By August, the growth of infection decreased. Most cases are in children under 17, particularly those aged 5-14. Nearly 50% of those infected had been vaccinated and experienced moderate illness, while unvaccinated individuals or those with incomplete vaccination schedules faced more severe symptoms. The Ivano-Frankivsk Regional Center for Disease Control and Prevention (CDC) recommends getting vaccinated while there are no flu or acute respiratory viral infections. [[Full article](#)]

## Regional Situation

### *Mpox*

- **Malaysia** has reported one case of mpox, raising the overall cases to 10 (The Frontier Post, 2024). Mpox infections cause flu-like symptoms and pus-filled lesions, spreading through close physical contact and touching virus-infected objects. [[Full article](#)]
- **Philippines:** The Philippines Department of Health has confirmed three more cases of mpox, raising the total to 18 (VietnamPlus, 2024). The new cases involve males from Metro Manila and nearby areas. Five patients have recovered, and no fatalities have been reported. Authorities noted that no transmission occurred during the isolation periods. [[Full article](#)]

### *Dengue*

- **Indonesia:** Dengue fever cases in Klaten District, Central Java Province, have risen to 1,089, with 31 deaths reported (Reynaldi, 2024). The increase in cases is due to the need to maintain cleanliness in residential areas, optimize simultaneous mosquito eradication activities, and control mosquito larvae. The Klaten Health Office is intensifying eradication campaigns and enhancing mosquito larvae surveillance in villages and sub-districts. [[Full article](#)]
- **Philippines:** Dengue fever cases in Eastern Visayas have surged, with 11,624 people infected and 23 deaths as of the first week of September, a 36% increase from the 2,796 cases recorded in 2023 (Meniano, 2024). Leyte province has the highest number of cases this year, with 3,596 cases recorded. A state of outbreak has been declared in four cities and five towns due to the rise of mosquito-borne disease. [[Full article](#)]

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