

ASEAN Biodiaspora Virtual Center

Media Monitoring for Infectious and Emerging Diseases

GLOBAL & ASEAN REGION

11 – 12 July, 2024



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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:** The Secretary of Health chaired a meeting of the state committee for vector-borne diseases and the state task force for malaria elimination (Times News Network, 2024). Goa reported chikungunya, with 195 suspected and two confirmed cases. Health centres are tackling the disease through source reduction efforts, fever surveillance, and fogging. [[Full article](#)]

COVID-19

- **The United States (US):** Ohio has reported a significant increase in COVID-19 cases, with over 1,000 new cases reported this week (Washington, 2024). This marks the sixth consecutive weekly increase since early June, with dashboards updated weekly. At least 1,377,594 Ohioans have received the updated one-dose COVID-19 vaccine, representing 11.7% of the state's population. The total COVID-19 case count since early 2020 in Ohio has reached 3,760,282. The state has also reported 108 new hospitalizations and three ICU admissions. [[Full article](#)]

Dengue

- **Bangladesh:** Dengue has seen 103 hospitalizations in the last day, with no deaths from the disease (bdnews24.com, 2024). The number of dengue patients hospitalized this year has risen to 4,311, with 47 deaths. The Department of Health reported 315 patients receiving treatment in various hospitals, 153 in Dhaka and 162 outside Dhaka. Dengue has been a significant issue since 2000, with 321,179 hospital admissions in 2023 and 1,705 deaths reported. [[Full article](#)]
- **India:** Goa reported 1,701 suspected dengue cases from Jan to June 2024, with 177 confirmed cases (Times News Network, 2024). The state's health centres are tackling the disease through source reduction efforts, house-to-house visits, fever surveys, anti-larval measures, and fogging to prevent dengue and chikungunya. [[Full article](#)]



- **Italy:** Piacenza Municipality has arranged an extraordinary disinfestation intervention against mosquitoes in an area including a public garden (Piacenzasera, 2024). The playground will remain temporarily closed to ensure the safety of its visitors. Adulticide treatments were carried out in public areas within a radius of 100 meters from the confirmed case's home between midnight and 6 AM on Thursday, July 18. These treatments will be repeated on Friday, July 19, and Saturday, July 20. [\[Full article\]](#)
- **The United States (US):** The CDC issued a health advisory on June 25 due to record-breaking dengue case numbers in the Americas, with over 9.7 million cases reported in a single year (Wallace, 2024). Puerto Rico has declared a public health emergency, and a higher-than-expected number of cases were identified among US travelers from January 1 to June 24. The US had 2,559 reported cases this year, with 1,732 locally acquired and 827 travel-associated. The five states with the highest numbers of cases in 2024 are Florida, New York, Massachusetts, New Jersey, and California. Dengue is primarily spread through mosquito bites and is most common in tropical and subtropical areas. [\[Full article\]](#)

Malaria

- **India:** Over the past two weeks, 14 malaria cases have been reported in the city of Ghaziabad, primarily from rural areas, following the onset of monsoon rainfall (Ayantika Pal, 2024). The health department has identified several sensitive areas in both districts prone to the spread of vector-borne diseases, including Dadri, Greater Noida West, Alpha 2, Gaur City, and villages adjacent to these areas. An action plan has been prepared, including allocating 30 beds for malaria patients. [\[Full article\]](#)

Mpox

- The **United States (US):** The Connecticut Department of Public Health reported a significant increase in mpox cases this year, with eleven residents diagnosed (Román, 2024). The cases are mainly in Fairfield, New Haven, New London, and Hartford counties, affecting people aged 20-50. The increase is a concern, as mpox is primarily transmitted through close contact with an infected person. [\[Full article\]](#)

Pertussis

- **France:** Two babies, both one month old, died from whooping cough in the Rouen University Hospital (Linfo.re, 2024). The disease poses a significant threat to children, with 72.5% of those affected being children under 15. Since June 2024, a surge in infections has occurred, with 91 emergency room visits related to the disease. Health authorities are calling for vaccination and collective vigilance, warned that babies under 4 months old are at risk. [\[Full article\]](#)

Zika

- **India:** Pune Municipal Corporation (PMC) has identified two more pregnant women with Zika virus infection, raising the total number of cases in the city to 18 (The Indian Express, 2024). The two women tested positive were asymptomatic and had scans negative for any anomaly in the fetus. Since the first Zika virus case was detected, health officials have sent 129 samples from pregnant women to the ICMR-National Institute of Virology. The PMC has collected fines from companies and construction sites where breeding sites have been identified. [\[Full article\]](#)



Regional Situation

Dengue

- **Indonesia:** Dengue Hemorrhagic Fever (DHF) in Garut District has reached 2,235 cases as of Q2 2024, with 5 deaths (Rudiawan, 2024). The virus is spreading in West Java with 19,000 cases. [Full article]

The Sungai Pinyuh Community Inpatient Health Center, Mempawah District, treated 19 DHF patients from January-July 2024, with 18 cured and one patient dying (Ardiansyah, 2024). The center implemented fogging or fumigation measures to address the cases, but cautioned against fogging due to its potential air pollution effects. [Full article]

Malaria

- **Thailand:** Malaria remains a significant public health issue, with 8,999 cases reported in 10 provinces along the Thai-Myanmar border from January to June 2024 (bangkokbiznews, 2024). Most patients were infected with *Plasmodium vivax* (93.6%) and *Plasmodium falciparum* (5%), primarily aged 25-44 working in agriculture and labor. The northern border area had more foreign patients than Thai patients, while the western border area had more Thai patients. However, seven provinces have returned to find new patients, 90% of which are unknown strains. [Full article]

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