

ASEAN Biodiaspora Virtual Center

Media Monitoring for Infectious and Emerging Diseases

GLOBAL & ASEAN REGION

November 14 – 15, 2024



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 January 2024.

Global Situation

Anthrax

- **Mongolia:** Two human cases of anthrax have been confirmed in Zuungovi, Uvs Province, western Mongolia, involving a 32-year-old man and a 34-year-old woman (Herriman, 2024). The man contracted the disease after slaughtering a cow, while the woman became infected after consuming meat from the same animal. In response, nine individuals who had close contact with the infected animal have been hospitalized, and the area is under indefinite quarantine due to the outbreak [[Full article](#)]

Dengue

- **Bangladesh:** Five people have died of dengue in Bangladesh, while 1,107 others were hospitalised with the Aedes mosquito-borne disease within 24 hours (bdnews24.com, 2024). As many as 4,149 patients are currently undergoing treatment in hospitals across the country, including 415 in Dhaka, bringing the total to 77,127 so far this year. [[Full article](#)]
- **Italy** has successfully controlled its recent autochthonous dengue outbreaks, with no new cases reported for at least 16 days. (Fotia, 2024). The Istituto Superiore di Sanità reported 682 confirmed cases from January to November 2024, with 468 link with travel abroad and 214 autochthonous. The largest outbreak occurred in Fano, part of the Marche region, affecting 144 individuals. [[Full article](#)]
- **Pakistan:** A 14-year-old girl died of dengue fever complications at a local hospital, marking the first fatality in the city this year (Brecorder, 2024). Health professionals urge the public to take preventive measures as dengue cases continue to rise. Of the patients seen, 78-85% have dengue symptoms. [[Full article](#)]

Measles

- **Canada:** New Brunswick has confirmed 43 measles cases, an increase of six from the previous day (Kaiser, 2024). The health department reports that all cases are linked to the initial travel-associated case reported on October 24. The majority of those infected are individuals aged 19 and under, many of whom are experiencing significant illness. The outbreak began in early November in New Brunswick's Zone 3, including Fredericton and the upper Saint John River Valley, where more cases are expected. [[Full article](#)]



Pertussis

- The **United States (US)**: Pertussis cases in Montana have risen since last year, with 55 reported so far this year, nearly double the 31 reported in 2023 (Wolff, 2024). The Department of Public Health and Human Services reported cases in 14 counties. Health officials recommend vaccination, particularly for infants and children around 11 to 12 years old, as they, along with the elderly, are at higher risk. Early diagnosis is crucial for preventing severe symptoms in those infected. [[Full article](#)]

Poliomyelitis

- **Pakistan** has confirmed another wild poliovirus case in Jaffarabad district, bringing the total cases to 49 this year (Herriman, 2024). This marks the first case reported from Jaffarabad, which borders Nasirabad, Jhal Magsi, and Jacobabad districts. Genetic sequencing links this virus to a case identified in Pishin in April 2024. Balochistan remains the most affected province, with 24 cases reported. [[Full article](#)]

Regional Situation

Dengue

- **Indonesia**: Dengue hemorrhagic fever (DHF) cases in Sumedang, West Java Province, have surged significantly in 2024, with 2,341 cases and seven deaths reported (Kusnaedi & Suciati, 2024). This rise is attributed to a decline in public awareness regarding environmental health, particularly in mosquito nest eradication efforts. Residents are urged to maintain environmental cleanliness. [[Full article](#)]
- The **Philippines**: Dengue cases in the Caraga region of the Philippines have risen by 194% from January to mid-November, totaling 13,319 cases this year, up from 4,528 last year (Lopez, A., 2024). Surigao del Norte, Surigao del Sur, Agusan del Norte, Agusan del Sur, Dinagat Islands, and Butuan City report the highest cases. The Department of Health 13 is ramping up dengue prevention, urging residents to remove mosquito breeding sites, use repellents, and seek prompt medical attention for symptoms like fever. [[Full article](#)]
- **Viet Nam** has recorded approximately 80,000 cases and 12 deaths of dengue fever and as of September 2024, a 15.5% decrease from 2023 (Vna, 2024). The country has all four dengue virus types, with DENV-1 and DENV-2 being the most prevalent. This situation indicates the need to increase resources and introduce proactive dengue prevention measures. In 2024, DENV-2 accounted for about 70% of those falling ill, a major cause of dengue-related deaths [[Full article](#)]

Measles

- **Viet Nam**: Measles cases in Ho Chi Minh City have surged, with four deaths reported among local patients and those transferred from other areas in 2024 (Thọ, V., 2024). In the 45th week alone, 167 cases were recorded, a 29% rise compared to the previous four weeks. As of November 10, the city has treated 4,200 cases, including four death. Health officials attribute the rise partly to unvaccinated students and urge collaboration with education offices to improve vaccination monitoring in schools. [[Full article](#)]



Rabies

- **Indonesia:** In Maubeli Village, North Timor Tengah District, East Nusa Tenggara Province, a dog suspected of rabies bit another dog, leading to a man's death (Araujo & Lede, 2024). The incident prompted local residents to take him to the Sasi Health Center to get the anti-rabies vaccine. The village urged residents to report stray dogs and rewarded those securing pet dogs to prevent attacks. The Health Office advised vigilance for dogs with abnormal symptoms, emphasizing rabies prevention through vaccination and effective stray dog control. [Full article]
- **Malaysia:** A 26-year-old woman in Sarawak died of rabies, despite no known animal bite (See Hua Daily, 2024). The Health Department confirmed her infection, who kept three cats, possibly linked to exposure to wild animals. Since the outbreak in July 2017, Sarawak has recorded 82 human rabies cases, with 75 deaths (91% mortality rate). Dog and cat bites remain high, averaging 355 bites per week. The Health Department reminded the public that rabies spreads through bites, scratches, or saliva contact from infected mammals, especially dogs and cats. [Full article]

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