

ASEAN Biodiaspora Virtual Center

Media Monitoring for Infectious and Emerging Diseases

GLOBAL & ASEAN REGION

07 December – 09 December, 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 from January 2024.

Global Situation

Mpox

- **Africa:** The Africa Centers for Disease Control and Prevention (Africa CDC) stated that 20 African countries had reported 62,171 mpox cases since the start of this year, with 13,579 confirmed cases and 1,200 deaths (Xinhua, 2024). The continent is currently facing multiple mpox outbreaks due to the four strains of the virus. In August, the CDC declared the outbreak a Public Health Emergency of Continental Security, while the World Health Organization declared it a public health emergency of international concern. [\[Full article\]](#)
- **Brazil:** The City Hall of Tietê confirmed the first case of mpox in the city, involving a man with skin lesions and fever (Region, 2024). Diagnosed in November, the patient presented symptoms such as fever and skin lesions characteristic of the disease and was required to self-isolate at home. [\[Full article\]](#)

Avian Influenza (H5N1)

- **The United States (US):** The Arizona Department of Health Service reports the first human case of avian influenza in two individuals exposed to infected poultry at a commercial facility in Pinal County (Wong, K., (2024). Both experienced mild symptoms, underwent treatment, and have since recovered. [\[Full article\]](#)

Dengue

- **Bangladesh:** The Directorate General of Health Services has reported 596 new cases and seven deaths across Bangladesh in December 8, 2024 (Bdnews24.com, 2024). Of the patients, 228 new dengue patients are from Dhaka. The number of fever-related hospitalizations has reached 96,228 this year, with 529 deaths. [\[Full article\]](#)
- **Pakistan:** Dengue hemorrhagic fever continues to spread in the Khyber Pakhtunkhwa province, with 19 new cases reported on Saturday (Yusufzai, 2024). The virus continues to spread due to frequent travel by people across regions. The province currently has 60 active cases, with nine patients receiving treatment in hospitals. The late onset of winter, combined with the introduction of the virus from other cities, has increased the impact of vectors on the population. [\[Full article\]](#)



- **Sri Lanka:** The National Dengue Control Unit reported 778 dengue cases in December, bringing the year's total to 46,305, of which 11,670 were in the Colombo district (News 1st, 2024). The unit recorded 23 dengue-related deaths so far this year. There are 12 high-risk divisions across the island. [[Full article](#)]

Measles

- **Pakistan:** Five children died and several others were hospitalized in Abto Karez Roghani, Chaman, Balochistan, after measles spread (Desk, 2024). A free medical camp was established by the district administration and Frontier Corps, vaccinating around 800 children and distributing free medicines. Residents praised the prompt health response and called for similar camps in every district. [[Full article](#)]

Pertussis

- The **United States (US):** A student in the Atascadero Unified School District has tested positive for Pertussis, also known as whooping cough (Gillies, 2024). Parents are encouraged to keep symptomatic children home and consult a doctor. Antibiotics can reduce the contagious period, and students may return to school after completing five days of treatment. [[Full article](#)]

Regional Situation

Dengue

- **Indonesia:** Dengue fever cases are on the rise in Tuban District, East Java Province, especially during the rainy season (Mentari, 2024). The District Health Office reported 762 cases and nine deaths by November. This marks a significant increase compared to the same period in the previous two years. [[Full article](#)]
- **Philippines:** Tagum City's Epidemiology Surveillance Unit reported 2,302 dengue cases and 11 deaths as of November 30, an 84% increase from the previous year (Francas, 2024). The city saw nine new cases from November 24 to 30, with the latest death being a 5-year-old girl. Tagum City officials urged the public to practice dengue prevention measures. [[Full article](#)]

Leptospirosis

- **Philippines:** The Iloilo Provincial Health Office (IPHO) reported 193 leptospirosis cases, including six deaths, in the province since January 2024, a 49% decrease from the same period in 2023 (Sornito, 2024). The six deaths were recorded in the municipalities of Sara, Barotac Nuevo, Cabatuan, San Miguel, Leon, and Janiuy. Farmers and laborers are most affected due to their frequent exposure to floodwaters contaminated with rat urine. [[Full article](#)]

Melioidosis

- **Philippines:** The Cagayan Provincial Health Office reported 21 cases of melioidosis in the province, with 11 deaths and 10 recovered (Manila Bulletin, 2024). The fatality rate is high among those with pre-existing health conditions. The number of cases has increased since August's rainy season. [[Full article](#)]

- **Thailand:** Kalasin's public health sector is addressing a rising number of melioidosis cases, with 120 reported infections and three deaths (Tantivangphaisal, 2024). The Public Health Office is actively raising awareness through district health officials, hospitals, and community health volunteers. [[Full article](#)]

Rabies

- **Viet Nam:** A 4-year-old girl in Thung village, Chu Prong district died of rabies 24 days after being bitten by a dog (Dóng, 2024). She did not receive medical care or a vaccine after the bite. The same dog bit 10 others, who also did not seek treatment. Authorities are tracking dog bite cases to create a treatment plan, while the Gia Lai Provincial People's Committee has called for increased resources and awareness for preventive care. [[Full article](#)]

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