

ASEAN Biodiaspora Virtual Center

Media Monitoring for Infectious and Emerging Diseases

GLOBAL & ASEAN REGION

November 09 – 11, 2024



With Support by:



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

Avian Influenza (H5)

- **Canada** has confirmed its first case of H5 avian influenza in a human, with samples being sent to the National Microbiology Laboratory (Holiday, 2024). The infected teenager is from Fraser, British Columbia (BC), and is being treated at BC Children's Hospital in Vancouver. Provincial officials have been working with the Canadian Food Inspection Agency and other national and US partners to respond to a surge in H5N1 avian influenza on poultry farms and among wild birds in the province since early October. [\[Full article\]](#)

Dengue

- **Bangladesh:** Five deaths from dengue infection have been reported across the country, with 1,337 new patients hospitalised in the last 24 hours (bdnews24.com, 2024). The number of people hospitalised with the fever has reached 72,393 this year, with 355 deaths. As many as 4,396 patients are currently being treated in hospitals across the country. [\[Full article\]](#)
- **India:** Mizoram has reported 528 dengue cases from January to November, with one fatality reported (Vanlalruata, 2024). The state has tested 7,488 suspected cases, with 528 confirmed positives. After the first detection in 2012, the total number of cases reached 5,596 in October this year. Infections increased to 1,868 in 2022, with five deaths. [\[Full article\]](#)
- **Pakistan:** The Punjab Health Department reported 126 new cases of dengue fever across the province, with Rawalpindi being the worst affected (Daily Times, 2024). The cumulative count of dengue cases in 2024 is 6,759. The department has assured the public that hospitals were well-prepared with essential medicines and set up a helpline for dengue-related concerns. [\[Full article\]](#)



Measles

- **Canada:** New Brunswick health officials have confirmed 11 new cases of measles in the province, bringing the total number of confirmed cases since October to 25 (Content, 2024). Twenty involve people under the age of 19, and other potential cases remain under investigation. The situation is evolving and new cases are possible. The provincial medical officer of health emphasized the importance of protecting New Brunswickers through prior infection or vaccination. Horizon Health Network is hosting measles vaccination clinics in Fredericton and Carleton North next week. [[Full article](#)]

Pertussis

- The **United States (US):** Pertussis cases in Alabama have reached nearly 200, with more than 50 in the Tennessee Valley (Kniess, 2024). The Alabama Department of Public Health warns that pregnant women can pass the disease to their babies shortly after birth and that it can be fatal. The health department wants to prevent it from spreading to people with weakened immune systems, especially young babies and people with immune system problems, such as those undergoing chemotherapy or organ transplants. [[Full article](#)]

Zika

- **India:** A 70-year-old man in Gujarat, India, tested positive for the Zika virus, raising the state's total cases to 500 (Mehra, 2024). The man, who had mild symptoms, has fully recovered and was discharged. The man was referred to an Ahmedabad-based private hospital, where his body fluid samples were sent to the National Institute of Virology in Pune. Health authorities conducted preventive screenings in his area, with no further case discovered. [[Full article](#)]

Regional Situation

Dengue

- **Indonesia:** Dengue cases in South Sumatra reached 5,251 cases with 36 deaths in 2024 (Pahlevi, 2024). The South Sumatra Health Office issued a circular in November to prevent an increase in cases by stepping up mosquito nest control. An increase in dengue cases is expected to occur in January 2025. [[Full article](#)]
- **Malaysia** recorded 1,346 dengue cases in the 44th epidemiological week from October 27 to November 2, down from 1,521 the previous week (Bernama, 2024). Health director-general reported one death from complications (Bernama, 2024). The cumulative number of cases is 111,250, with 102 fatalities. Hotspot locations were reported to have dropped to 27 from 38 the previous week. The Malaysian Meteorological Department issued an alert for the northeast monsoon, urging the public to take preventive measures. [[Full article](#)]
- **The Philippines** Department of Health reported 314,785 dengue fever cases by October 26 with most regions reported a decline (Herriman, 2024). From September 29 to October 12, there were 21,097 cases nationwide, 8% lower than the period of September 15 to 28. However, the National Capital Region, Central Luzon, and Calabarzon saw an increase in cases. [[Full article](#)]



Leptospirosis

- **Malaysia:** The Veterinary Services Department in Sarawak has vaccinated 13,592 dogs and 165 cats from January to October to prevent rabies disease (Bernama, 2024). Sarawak recorded 81 human rabies cases with 74 deaths from 2017 to October this year and 1,103 cases detected among animals. The department vaccinated 6,928 dogs in rabies buffer zones in Peninsular Malaysia and Sabah to boost immunity and prevent rabies infections. [\[Full article\]](#)
- **Viet Nam:** Cam My district in Dong Nai has administered nearly 5,500 doses of rabies vaccine to dogs and cats since the beginning of the year, reaching 21.7% of the population (Binh et al., 2024). The area has recorded 670 cases of people being bitten or scratched by dogs and cats, resulting 670 cases of anti-rabies serum vaccines. [\[Full article\]](#)

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