

ASEAN Biodiaspora Virtual Center

Media Monitoring for Infectious and Emerging Diseases

GLOBAL & ASEAN REGION

19 December – 20 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

- **India:** Kerala has confirmed two new cases of mpox, prompting state health authorities to be on high alert (IANS, 2024). The cases involve residents of Wayanad and Kannur, both of whom recently returned from the United Arab Emirates and are currently in isolation at the Kannur Medical College hospital. An emergency meeting has been convened to trace their travel history and assess potential contacts. [\[Full article\]](#)

Avian Influenza (H5N1)

- The **United States (US):** Wisconsin has identified its first human case of avian influenza A (H5N1), in Barron County, following an outbreak in a commercial poultry flock (CBS News, 2024). State health officials, along with Barron County Health and Human Services, are closely monitoring farm workers and providing guidance on protective measures. [\[Full article\]](#)

A patient in Louisiana has been hospitalized with a severe case of avian influenza A (H5N1), marking the first instance of severe illness linked to the virus in the US (CDC, 2024). The case, confirmed by the CDC on December 13, is the first in the US associated with exposure to sick and dead birds in backyard flocks. Since April 2024, there have been 61 reported human cases of H5 bird flu in the US, with no evidence of person-to-person transmission. [\[Full article\]](#)

Nipah

- **Bangladesh** has reported five deaths from nipah virus infection this year, according to the Institute of Epidemiology, Disease Control, and Research (IEDCR) (DT Tribune Desk, 2024). Since 2006, Bangladesh has identified 343 cases, with a mortality rate of 71%. Despite the high fatality rate, 88 survivors are currently under monitoring. [\[Full article\]](#)



Poliomyelitis

- **Pakistan** has reported another case of wild poliovirus type 1 (WPV1) in Jacobabad, Sindh, bringing the province's total to 18 this year (Aslam, 2024). Nationwide, 64 polio cases have been reported in 2024. Balochistan remains the most affected with 26 cases, Khyber Pakhtunkhwa recorded 18 cases, while Islamabad and Punjab have each reported one case. [\[Full article\]](#)

Zika

- **India:** A six-year-old boy in Andhra Pradesh has tested positive for the zika virus, prompting a high alert from local authorities (ETV Bharat, 2024). The boy is receiving treatment in Chennai, while authorities conduct tracing, sanitation operations, and testing around his residence. The World Health Organisation has issued a statewide alert to prepare for further cases. A team of experts has been deployed to the affected village, conducting health checks in 30 nearby villages to prevent further spread. [\[Full article\]](#)

Regional Situation

Dengue

- **Indonesia:** Dengue fever cases in Bengkalis District, Riau Province, have surged to 693 in 2024, with the peak occurring in October (Iqbal, 2024). The District Health Office reported a significant increase compared to 2023, with the highest cases reported in Bengkalis district (639 cases). The majority of cases were children aged 5-14 years, followed by those aged over 15 years (194 cases), children aged 1-4 years (95 cases), and infants under 1 year (27 cases). [\[Full article\]](#)

Ratu Zalecha Martapura Regional General Hospital has treated nine cases of dengue hemorrhagic fever (DHF) in the last four months, with one death (Firdha, W., 2024). A three-year-old toddler, referred from a nearby hospital in critical condition, died after receiving treatment for less than 24 hours. [\[Full article\]](#)

- **The Philippines:** Region 7 in Central Visayas has seen a 291% increase in dengue cases this year, with 36,942 cases and 78 deaths as of December 17 (Fuentes, 2024). Cebu province remains the hardest hit, with 13,817 cases reported. Cebu City saw a 350% rise, while Bohol and Negros Oriental provinces also saw significant increases. [\[Full article\]](#)

Measles

- **Viet Nam:** Pasteur Institute of Ho Chi Minh City has visited Dong Nai to oversee disease prevention and control efforts, focusing on the ongoing measles epidemic (Dung, 2024). The province has recorded 5.4 thousand cases, with children aged 1-10 years being the most affected. Despite receiving 113,000 doses of the measles-rubella vaccine, Dong Nai is still short of nearly 15,000 doses, highlighting the need for catch-up vaccinations. [\[Full article\]](#)



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