

ASEAN Biodiaspora Virtual Center

Media Monitoring for Infectious and Emerging Diseases

GLOBAL & ASEAN REGION

19 – 21 October, 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

- **Uganda** reported 49 new mpox cases, bringing the total confirmed infections to 145 (IANS, 2024). Kampala, the capital, recorded 27 new cases, the highest in East Africa. No deaths have been reported in the 19 affected districts. The World Health Organization (WHO) is supporting Uganda in tackling the outbreak, collaborating with the Ministry of Health and partners to strengthen coordination, surveillance, laboratory, case management, and community engagement. [[Full article](#)]

Avian Influenza

- The **United States (US)**: Four agricultural workers in southeast Washington have tested positive for bird flu after working around an infected poultry flock at a commercial egg farm (Lucia, B., 2024). Health officials state the cases are "presumptive," pending confirmation from the Centers for Disease Control and Prevention (CDC). If confirmed, these would be Washington's first human cases since the 2022 bird flu surge. The workers have not been hospitalized and have shown signs of mild upper respiratory illness. [[Full article](#)]

Dengue

- **Bangladesh**: Six dengue patients died and 1,298 were hospitalized nationwide in the last 24 hours, with one in Chattogram and five in Dhaka city (Report, 2024). The total number of deaths increased to 247, with 49,880 cases and 3,943 patients undergoing treatment. [[Full article](#)]
- **India**: Over 20 patients have been identified with dengue in Korba district due to an increase in mosquito larvae, contaminated water, and unclean drains (The Times of India, 2024). Health authorities are intensifying surveillance and taking prompt action. In October, 98 rapid tests were conducted, with 20 positive results. [[Full article](#)]



- **Italy** recorded 650 dengue cases from January 1 to October 15, including 194 locally transmitted (Prensa Latina, 2024). The outbreak worsened with 173 indigenous cases. The outbreak was concentrated in Fano, central Le Marche, with 133 autochthonous infections. No deaths were reported, but imported cases increased to 456, with 51.0% males. Limited outbreaks were reported in Emilia-Romagna, Lombardy, Veneto, Abruzzo, and Tuscany. No deaths were reported this year. [[Full article](#)]
- **Pakistan:** Rawalpindi is experiencing a dengue epidemic, with 93 new cases recorded in the last 24 hours, bringing the total number of cases this year to 3,461 (Ani, 2024). [[Full article](#)]

Leptospirosis

- **India:** Pune's Sassoon General Hospital confirmed 309 leptospirosis patients till September, with 275 recorded within four months (Thevar, S, 2024). However, the surge at Sassoon is not reflected in Pune Municipal Corporation and Pimpri Chinchwad Municipal Corporation. [[Full article](#)]

Malaria

- **India:** Haryana has seen a significant increase in malaria cases, reaching 168 this year, nearly twice the 2023 number (Pati, I., 2024). The most severely affected districts are NCR, with Sonipat reporting 35 cases. [[Full article](#)]

Poliomyelitis

- **Pakistan** has reported seven additional wild poliovirus cases in the past week, with the 33rd case reported on October 14 (Herriman, 2024). The Regional Reference Laboratory for Polio Eradication confirmed the detection of wild poliovirus type-1 in three children from Balochistan and one child from Lakki Marwat district. The total confirmed cases for this year in Pakistan is 39, with 20 from Balochistan, 12 from Sindh, five from KP, and one each from Punjab and Islamabad. [[Full article](#)]

Pertussis

- **The United States(US):** Whooping cough cases in the US have risen five times this year, with data from the US CDC showing a case count of 18,506 as of October 12 (Tupper, S., 2024). Children under one are especially vulnerable due to underdeveloped immune systems. The infection spreads through bacteria transmitted through the air, and many people can be contagious up to two weeks after coughing. [[Full article](#)]



Regional Situation

Dengue

- **Indonesia:** Dengue fever cases have surged in Garut District, West Java, due to seasonal changes (Yuliani, 2024). From January to October, there have been 2,810 cases and eight deaths, resulting in treatment shortages. Health workers are treating both children and adults, with 10 active cases or those not declared cured. The increase in cases is attributed to people's lack of attention to environmental cleanliness. [\[Full article\]](#)
- **Malaysia:** Dengue cases in Malaysia decreased slightly in the 41st epidemiological week from October 6-12, reaching 1,624 cases, including one death (Online, 2024). Cumulatively, cases have reached 106,773, up from 94,181 in 2023, with dengue-related deaths rising to 96, compared to 67 last year. The number of hotspot localities has increased to 38. [\[Full article\]](#)
- **Philippines:** A legislator in Cebu City has expressed concerns about the effectiveness of the city's anti-dengue campaign, with 2,831 cases reported as of October 3, 2024, up from 674 cases last year (Seblos, 2024). The councilor urged the mayor to investigate the management of the city health department and questioned whether the city government had evaluated the barangays' dengue campaign programmes or worked with them to strengthen their efforts. [\[Full article\]](#)
- **Viet Nam:** A boy was diagnosed with severe dengue fever, causing symptoms of shock, liver failure, and gastrointestinal bleeding (Gia Lai, 2024). He was transferred to Binh Phuoc General Hospital and later to the Hospital for Tropical Diseases (HCMC), where he died. The Center for Disease Control of Binh Phuoc province reported over 1,000 cases of dengue fever since 2024, including two deaths. [\[Full article\]](#)

Leptospirosis

- **Philippines:** The Department of Health (DOH) reported a total of 5,835 leptospirosis cases as of October 5, reflecting a 16% increase from the 5,050 cases logged during the same period last year (Flores, D.N., 2024). From September 8 to 21, a total of 774 new infections were recorded compared to 381 cases in the preceding two weeks. The case fatality rate stands at 8.72%, with 509 deaths reported. [\[Full article\]](#)

Measles

- **Viet Nam:** As of October 13, Ho Chi Minh City had recorded 1,079 measles cases, including four deaths (Herriman, 2024). Despite an increased vaccination rate, cases continue to rise, partly due to 20% of children having addresses in other provinces, leading to many unvaccinated. In Thanh Hoa province, nearly 40 measles cases were reported in the first week of October, with suspected cases over five times higher than in 2023. The health department is urging medical units to enhance infection control and ensure full vaccinations. [\[Full article\]](#)



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