



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

### Avian Influenza (H5N2)

- **Mexico:** A fatal case of avian influenza A (H5N2) virus infection was reported in Mexico City, marking the first global case and the first in Mexico (WHO, 2024). The source of the infection is unknown, but A (H5N2) viruses have been reported in Mexico's poultry. The WHO assesses the risk to the general population as low. [\[Full article\]](#)

### COVID-19

- **South Australia (SA)** reported 2,429 new COVID-19 cases in the past week, with no new deaths reported (The National Tribune, 2024). The total number of cases has been readjusted due to data reconfiguration. In the past week, 7,193 people received a PCR test, a 30% increase from the previous week. SA Health encourages everyone to be up-to-date with vaccinations and to have a plan for PCR testing and antiviral treatments if symptoms develop. [\[Full article\]](#)
- The **United States (US):** Ohio has seen a significant increase in new COVID-19 cases, with 1,126 cases reported this week, compared to 890 the previous week (Washington, J, 2024). At least 1,369,911 Ohioans have received the updated vaccine, representing 11.7% of the state's population. [\[Full article\]](#)

### Dengue

- **Taiwan (Province of China):** The Tainan City Government has reported 283 cases of invasive mosquitoes since April 1, and the city is working to prevent and control the disease by removing breeding sources (Suhui, 2024). The hot climate and continuous rainfall have led to increased breeding opportunities for vector mosquitoes. As of June 5, 2024, 97 imported cases in China have been reported, with a higher number than the 42 cases in the same period. There is currently no special vaccine for dengue fever, but preventing overseas immigration and removing breeding sources in the community are the some ways to prevent the spread. [\[Full article\]](#)



## Measles

- The **United States (US)**: A confirmed measles case has been reported in Somerset County, New Jersey, following travel from a country experiencing an ongoing outbreak (English, 2024). The case was reported by a resident who developed the virus after visiting the Emergency Department at Penn Medicine Princeton Medical Center on June 1. The New Jersey Department of Health is conducting contact tracing and recommends that those who visited the location should contact a healthcare provider immediately. The New Jersey Department of Health is working with local health officials and Penn Medicine to notify those who might have been exposed and identify additional exposures. [\[Full article\]](#)

## Mpox

- **South Africa** health officials have reported four confirmed monkeypox cases in two provinces, with the most affected being Durban, KwaZulu-Natal (Crisis24, 2024). The last identified cases were in August 2022. The Department of Health urges public contacts to present for clinical evaluation to ensure early diagnosis and treatment. Additional cases are expected as disease surveillance and contact tracing continue. [\[Full article\]](#)

## Regional Situation

### Dengue

- **Indonesia**: The Bogor District Health Office reported that from January to June 2024, there were 1,932 cases of dengue hemorrhagic fever (DHF) in the region (Redaksi, 2024). Of these, 18 people died. [\[Full article\]](#)
- **Thailand** reported 623 new dengue cases in week 20 compared to 745 in week 19 (Fundación iO, 2024). As of May 23, there were 29,536 cases, 32 deaths, and one new dengue death, a 19.6% decrease from the previous week. [\[Full article\]](#)
- The **Philippines**: The Iloilo Provincial Health Office (IPHO) reported two dengue deaths in Barangay Odiongan, Badiangan, a town with 40 dengue cases as of June 1, a 900% increase from last year (Daily Guardian, 2024). The local government declared a dengue outbreak on May 31. The province currently has 1,047 cases and four confirmed deaths, with children and young adults being the most affected. The IPHO has reminded the public to follow the Department of Health's improved 5S strategy, including self-protection, early consultation, and hydration support. [\[Full article\]](#)

### Rabies

- The **Philippines**: The Department of Health (DOH) has reported a 13% increase in human rabies cases from January to May 2023, with 169 cases reported (Cabalza, D., 2024). The highest number was in Region XII (Soccsksargen), followed by Regions IV-A and V (Bicol). 92% of cases had dog bites, and 160 deaths were reported, with the status of the remaining nine cases still being verified. [\[Full article\]](#)



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