



ASEAN BIODIASPORA VIRTUAL CENTER

SITUATION REPORT

Mpox

Global and ASEAN region

August 23, 2024

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Mpox global situation

From 1 May 2022 through 28 July 2024, a cumulative total of 99,388 laboratory-confirmed cases of mpox, including 208 deaths, were reported to WHO from 116 countries in all six WHO Regions (Figure 1).

World Map of Mpox Cases
from May, 2022 to August 23, 2024

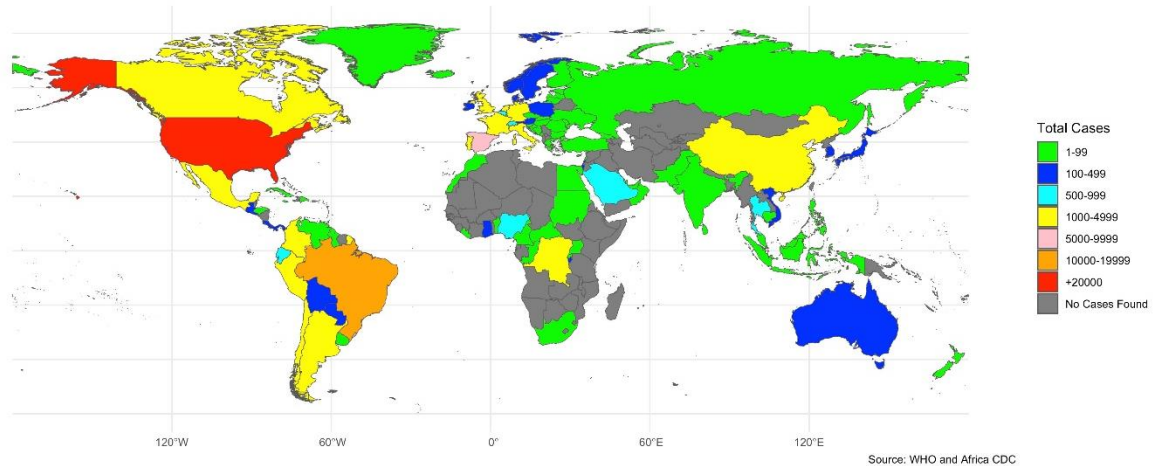


Figure 1. Global Distribution of Mpox Cases

Source: Our World in Data (<https://raw.githubusercontent.com/owid/monkeypox/main/owid-monkeypox-data.csv>)

Several outbreaks of different clades of mpox have occurred worldwide. The map shows that most countries are affected by the clade IIb variant, while in Africa the variation is more diverse. Most African countries are affected by clades Ia and Ib.

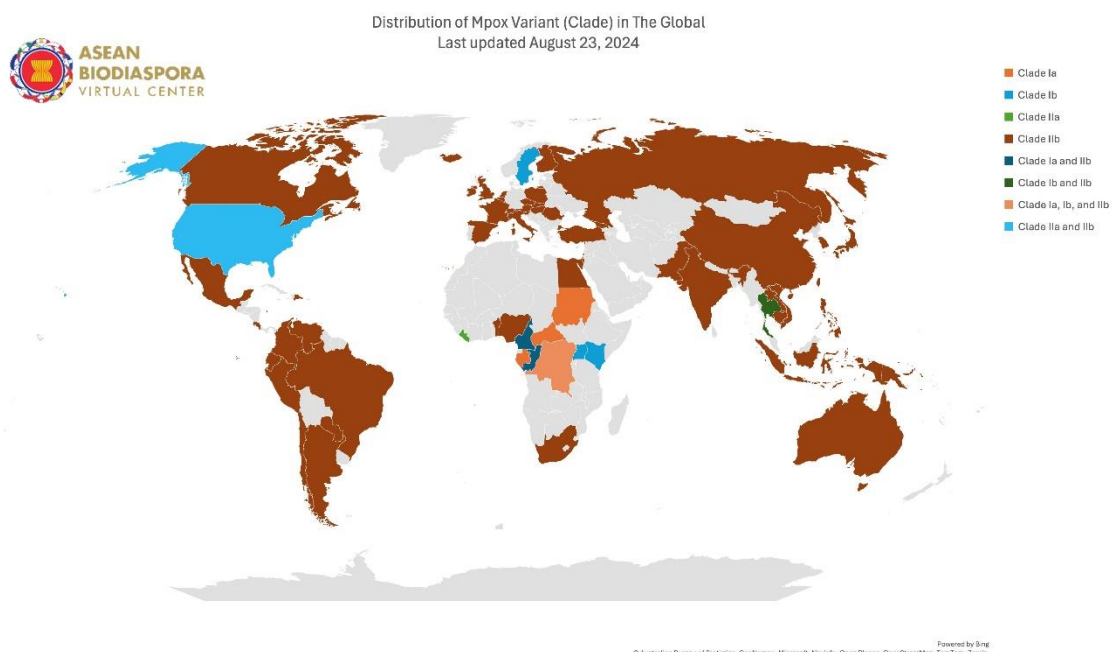


Figure 2. Global variant distribution of mpox cases

Source: Our World in Data (<https://raw.githubusercontent.com/owid/monkeypox/main/owid-monkeypox-data.csv>)

Figure 3 shows epidemic curves of weekly aggregated laboratory-confirmed cases of mpox reported to the WHO from [January 1, 2022](#), to [August 23, 2024](#), across six WHO regions:

1. In the African Region, the cases fluctuate with noticeable peaks and troughs throughout the period. A significant rise in cases occurs since mid-2022 towards the end.
2. In Asian Region, case fluctuations occurred since 2022, with the peaks in September to October 2023, and gradually decreased.
3. In the European Region, cases rose since June 2022, peaks in July to August in the same year, then gradually declined.
4. In the North American Region, cases increased since June 2022 to August in the same year, then gradually declined.
5. In the Region of Oceania, mpox cases fluctuated, with sharp increases in some periods since June 2024.
6. In South American region, the cases increased since June 2022 to August in the same year, then gradually declined.

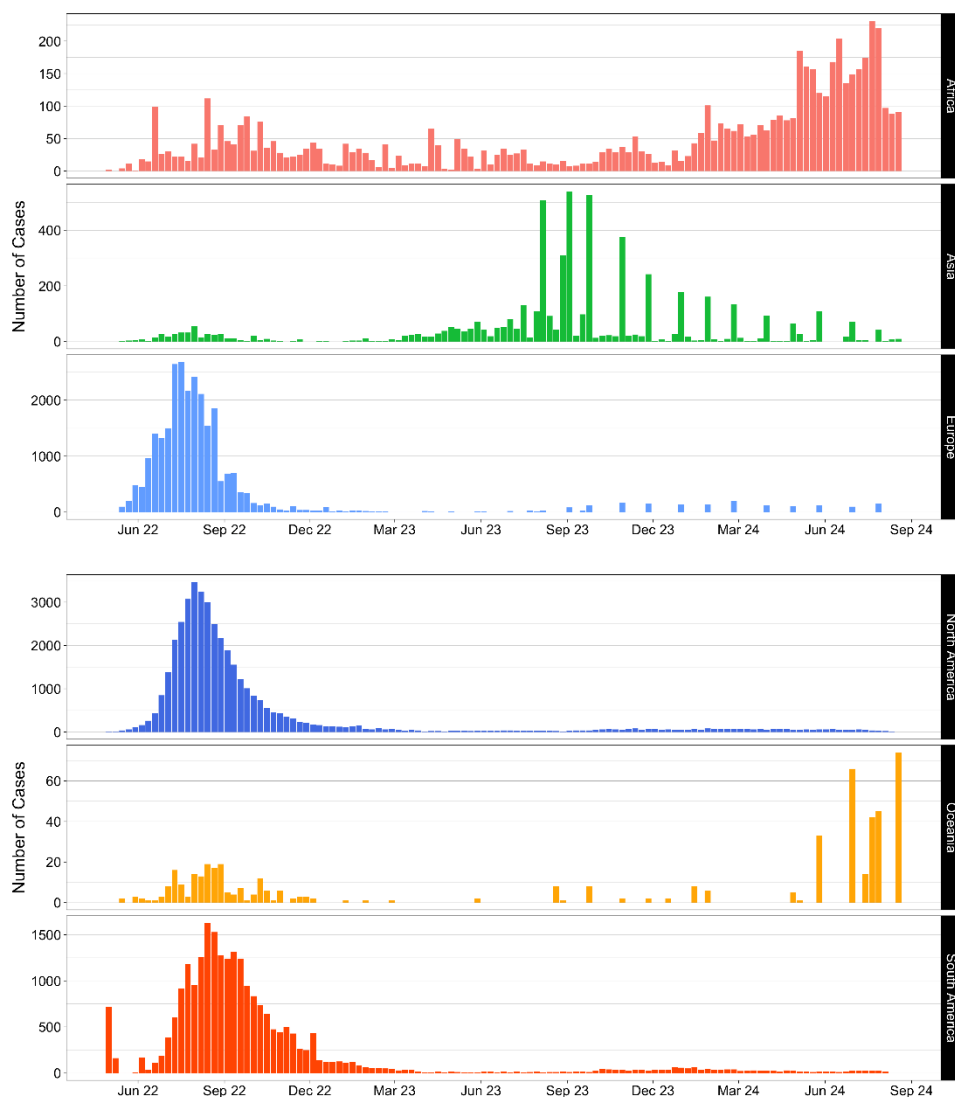


Figure 3. Weekly epidemic curves of mpox by region

Source: Our World in Data (<https://raw.githubusercontent.com/owid/monkeypox/main/owid-monkeypox-data.csv>)

Mpox situation in Africa

As of August 23, 2024, mpox cases have been reported in several African countries, with the DRC leading with over 1,000 reported cases. Neighboring countries like Burundi, Central African Republic and Congo have also seen hundreds of cases. Cameroon, Nigeria, and South Africa are experiencing dozens of cases, while Côte d'Ivoire, Kenya, Liberia, Rwanda, and Uganda have reported a smaller number of cases (Figure. 4).

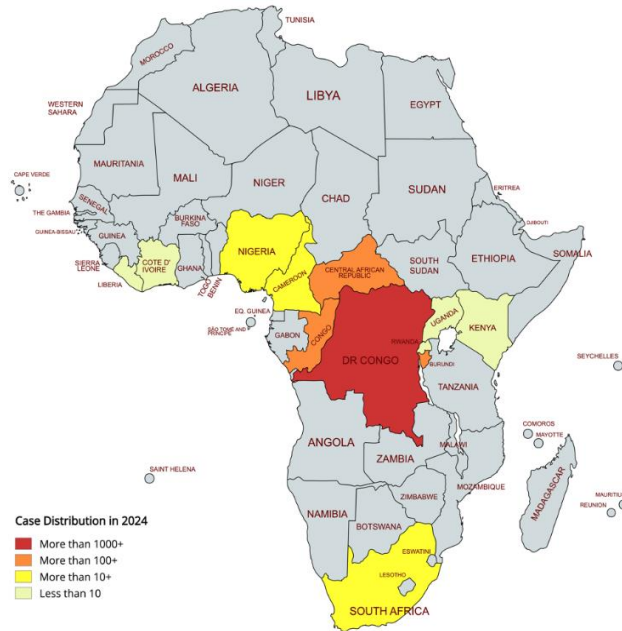


Figure 4. Distribution of Mpox cases in African Countries in 2024

Source: Our World in Data (<https://raw.githubusercontent.com/owid/monkeypox/main/owid-monkeypox-data.csv>)

The weekly trends of mpox cases in African countries is illustrated in the following figure. As shown in the figure, Nigeria contributed to the most cases in the beginning of the mpox outbreak in 2022. Meanwhile, the DRC contributed the highest number of cases between 2023 and 2024.

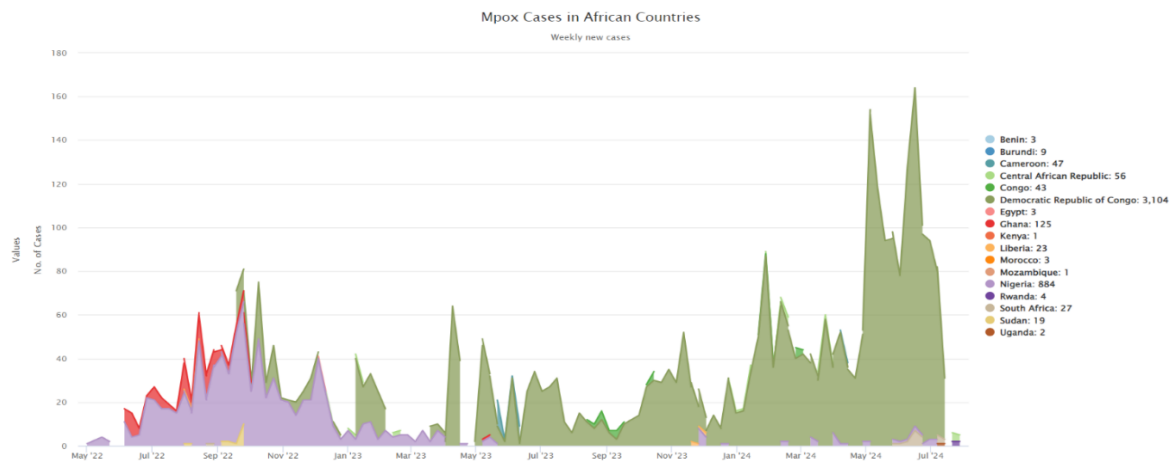


Figure 5. Weekly New Mpox Cases among African Countries

Source: Our World in Data (<https://raw.githubusercontent.com/owid/monkeypox/main/owid-monkeypox-data.csv>)

As shown in Figure 5, the African region experienced a significant increase in mpox cases beginning in mid-2022. While the overall trend in most countries in the region was an increase in cases, the pace of growth varied. Some countries experienced sharp increases, while others experienced more gradual increases. A more detailed information of these trends is shown in Figure 6 below.

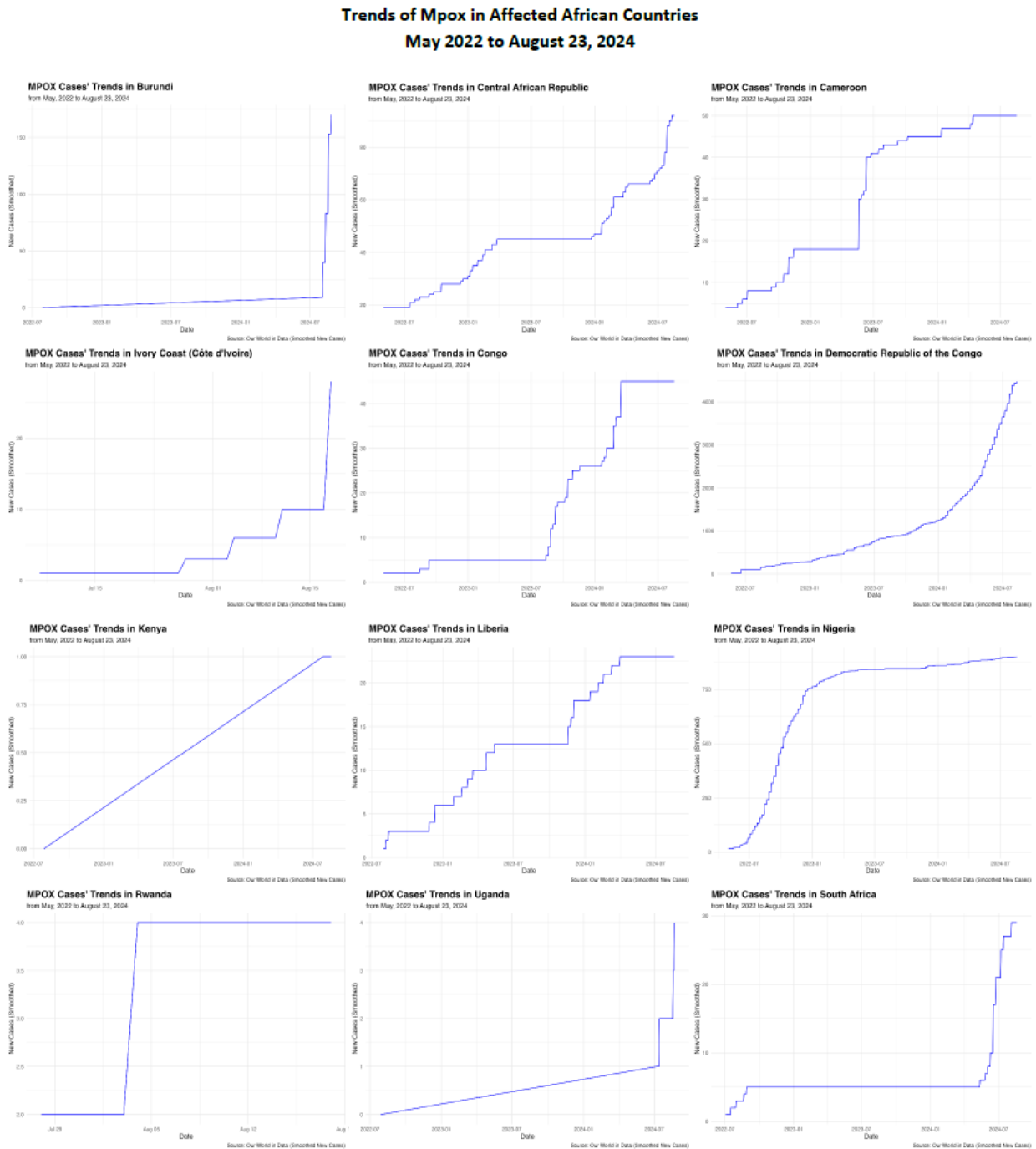


Figure 6. Trends of mpox cases in African countries, May 2022 to August 2024
Source: Our World in Data (<https://raw.githubusercontent.com/owid/monkeypox/main/owid-monkeypox-data.csv>)

Several outbreaks of various clades of mpox have occurred in different countries. The map suggests that Africa, particularly Central and West Africa, is a major hotspot for mpox with a variety of clades.

- DRC are affected by the clades of Ia, Ib, and IIb
- Kenya and Uganda are affected by clade IIa and IIb
- Cameroon and Congo are affected by clade Ia and Ib
- Central African Republic, Gabon, and Sudan are affected by clade Ia
- Recently, Thailand reported clade Ib. This is the first Asian country to be affected.

More detailed information is shown in Figure 7.

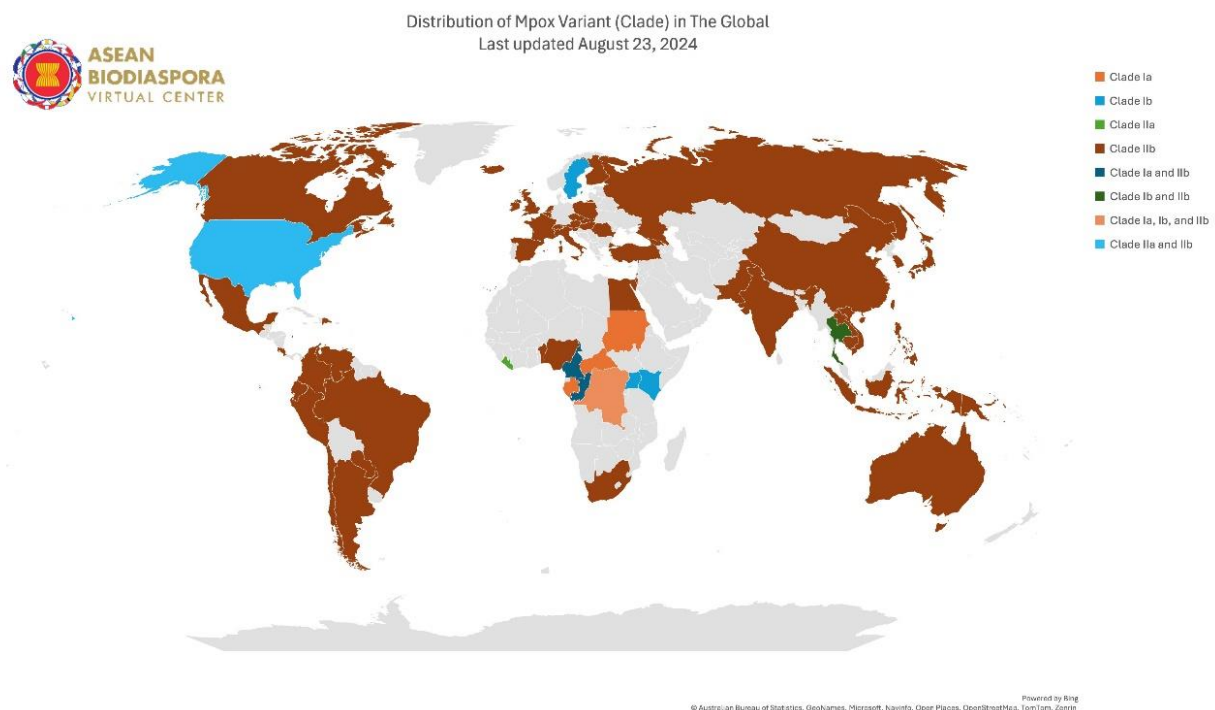


Figure 7. Global distribution of mpox variants
Source: GISAID (<https://www.epicov.org/epi3/frontend#269cc7>)

Mpox situation in the Democratic Republic of the Congo

As of August 23, there are 4480 confirmed mpox cases in the DRC with 21 deaths. The Mpox outbreak in the DRC shows significant geographical variation, with some regions experiencing higher case concentrations. The visualizations illustrate the total number of reported cases and their relative percentages across different provinces, which is critical for understanding the epidemic's dynamics and implementing effective control measures (Figure 8).

DRC Map of Mpox Cases
by Region

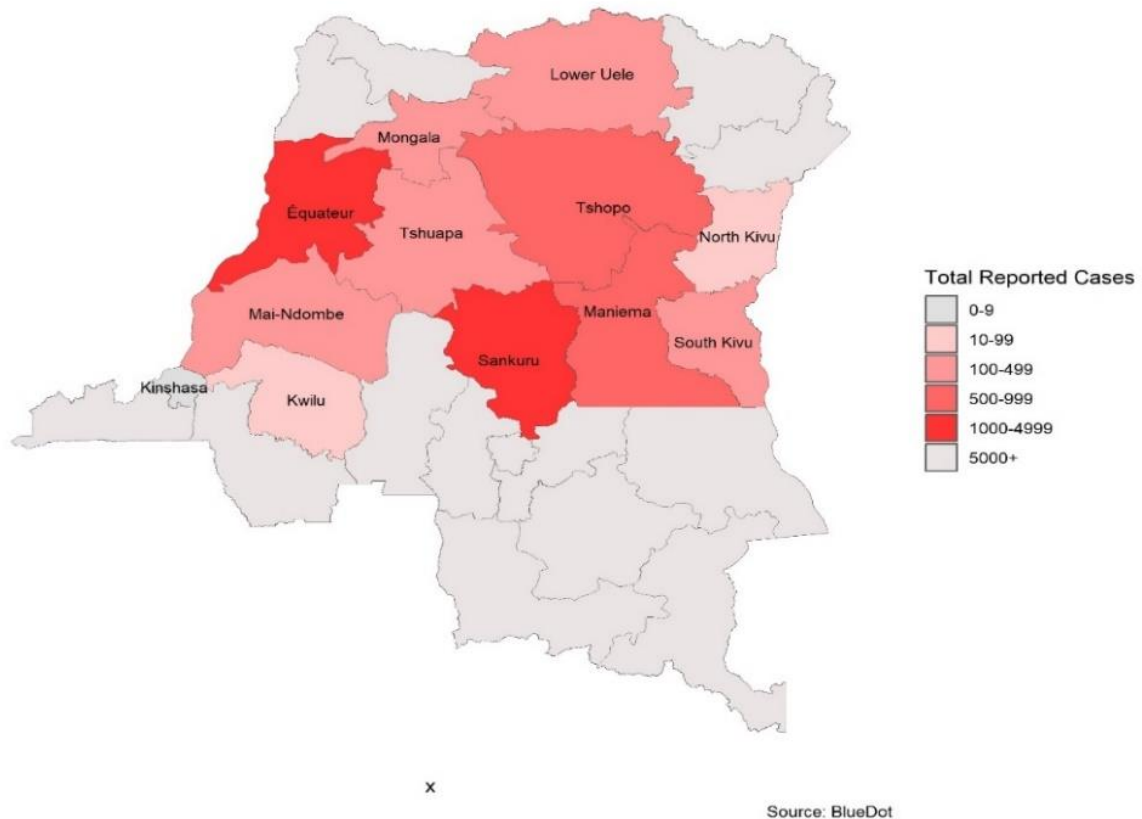


Figure 8. The distribution of Mpox Cases in DRC
Source: Bluedot (<https://portal.bluedot.global/>)

Mpox situation in the ASEAN Region

From 1 January 2023 to 23 August 2024, there are 1,154 confirmed cases including 18 deaths in the ASEAN region, with a CFR of 1.56%. The distribution of mpox cases in the ASEAN Region is shown in Figure 9.

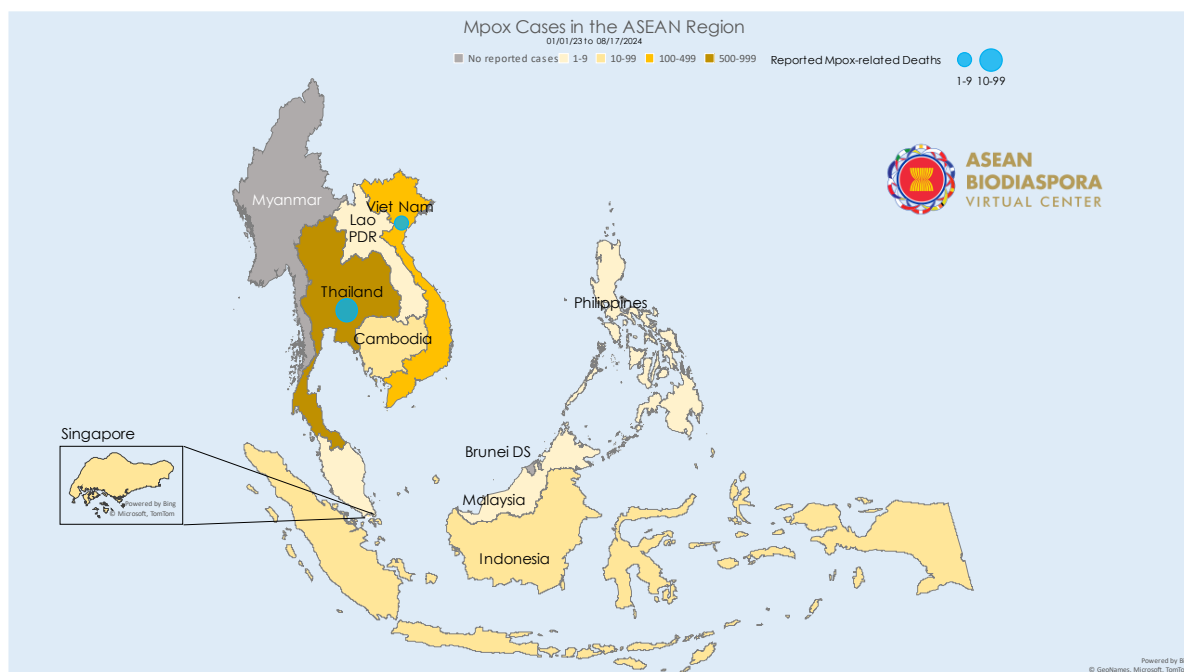


Figure 9. The distribution of mpox cases in the ASEAN region

Further information on the number of cases in each ASEAN countries is shown in Table 1.

Table 1. Mpox cases in the ASEAN region (Jan. 1, 2023 to Aug. 23, 2024)

ASEAN Member States	Cumulative Cases 2023-2024	Cumulative Deaths 2023-2024	CFR
Cambodia¹	13	0	0.00%
Indonesia²	87	0	0.00%
Lao PDR¹	1	0	0.00%
Malaysia¹	9	0	0.00%
Philippines¹	6	0	0.00%
Singapore³	44	0	0.00%
Thailand¹	794	10	1.26%
Viet Nam¹	200	8	4.00%
ASEAN Total	1,154	18	1.56%

Source: ¹IBS Bluedot, ²Ministry of Health Republic of Indonesia, ³Ministry of Health Singapore.

On August 22, 2024, Thailand reported one cases of clade I variant, marking the first case reported in ASEAN region and Asian countries. The distribution of mpox variants in ASEAN and neighbouring countries is shown in Figure 10.



Distribution of Mpox Variant (Clade) in ASEAN and Neighbouring Countries
Last update August 23, 2024



Source: GISAIID

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Figure 10. The distribution of mpox variants in the ASEAN region and neighbouring countries

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