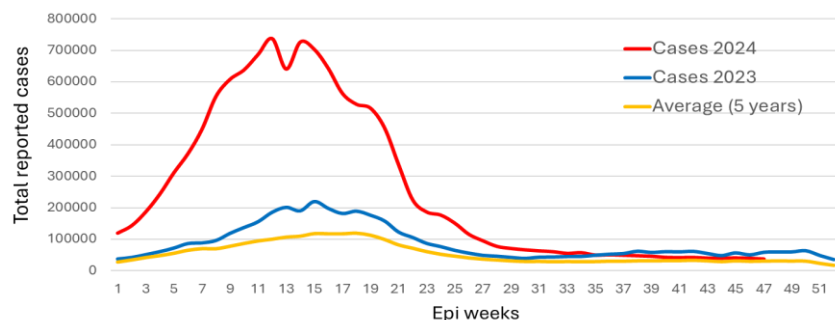


Report on the epidemiological situation of dengue in the Americas

As of epidemiological week 47, 2024. Update: December 12, 2024, 14:00 PM (GMT-5)

Between epidemiological weeks (EW) 1 and 47 of 2024, a total of 12,673,750 suspected cases of dengue were reported, resulting in a cumulative incidence of 1,327 per 100,000 population. This represents an increase of 197% compared to the same period in 2023 and 372% compared to the average of the last 5 years. Figure 1 shows the trend of suspected dengue cases as of EW 47.

Figure 1. Suspected dengue cases as of EW 47 in 2024 and 2023, and average of the last 5 years. Region of the Americas



Selected indicators

Corresponding to EW 47
 18 countries reported cases
 53,504 suspected cases
 11,308 lab confirmed (21%)
 160 severe dengue cases (0.3%)
 45 deaths
 0.084% case fatality rate (CFR)

Cumulative dengue cases as of EW 1 – 47

12,673,750 suspected cases
 6,727,187 lab confirmed (53%)
 21,557 severe dengue cases (0.17%)
 7,723 deaths
 0.061% case fatality rate (CFR)

Out of the 12,673,750 reported dengue cases in the Region, 6,727,187 (53%) were laboratory-confirmed, and 21,557 (0.17%) were classified as severe dengue. A total of 7,723 fatalities have been recorded, resulting in a case fatality rate (CFR) of 0.061%.

In epidemiological week (EW) 47, 18 countries and territories within the region reported dengue cases, accounting for 53,504 new suspected cases. Of these, 160 (0.3%) were classified as severe dengue, and 45 deaths were reported, yielding a CFR of 0.084%. The distribution of cases by country is detailed in Table 1.

Table 1. Countries and territories of the Americas with report to PAHO and cases of dengue in EW 47, 2024

Countries with reported cases of dengue to PAHO EW 47	Cases
Argentina	24
Brazil	25,817
Colombia	3,228
Costa Rica	447
Dominican Republic	57
Ecuador	735
El Salvador	133
Grenada	12
Guadeloupe	860
Guatemala	2,448
Honduras	917
Martinique	42
Mexico	15,686
Paraguay	859
Peru	2,120
Puerto Rico	107
Saint Barthelemy	3
Virgin Islands (USA)	9
Total	53,504

Analysis by subregion

Central America and Mexico Subregion: In EW 47, a total of 19,631 new suspected dengue cases were registered. As of EW 47, the subregion exhibits a 81% increase compared to the same week in 2023 and a 194% increase compared to the average of the last five years (Figure 3).

Caribbean Subregion: In EW 47, 1,090 new suspected dengue cases were registered. As of EW 47, the subregion shows a 27% decrease compared to the same week in 2023 and a 27% increase compared to the average of the last five years (Figure 4). The cases reported this week by Guadeloupe represent an increment of 82% compared to the previous four epidemiological weeks (Figure 2).

Andean Subregion: In EW 47, 6,083 new suspected dengue cases were registered. As of EW 47, the subregion shows a 22% increase compared to the same week in 2023 and a 172% increase compared to the average of the last five years (Figure 5). The cases reported this week by Peru represent an increment of 78% compared to the previous four epidemiological weeks (Figure 2).

Southern Cone Subregion: In EW 47, 26,700 new suspected dengue cases were reported. As of EW 47, the Southern Cone subregion shows a 252% increase compared to the same week in 2023 and a 434% increase compared to the average of the last five years (Figure 6). The cases reported this week by Paraguay represent an increment of 33% compared to the previous four epidemiological weeks (Figure 2).

Figure 2. Countries with an increase or decrease in dengue cases in EW 47 compared to the average of the last four weeks 2024



Figure 3. Total number of suspected dengue cases in 2024 to EW 47, 2023 and average of the last 5 years. **Central America and Mexico Subregion**

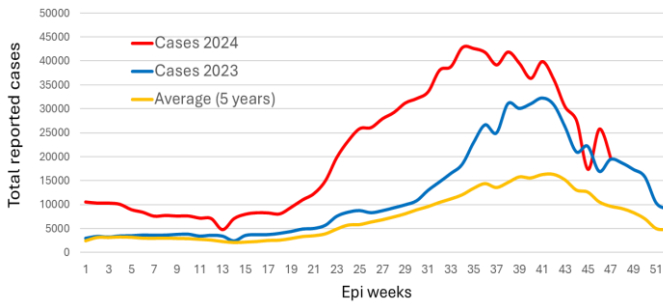


Figure 4. Total number of suspected dengue cases in 2024 to EW 47, 2023 and average of the last 5 years. **Caribbean subregion**

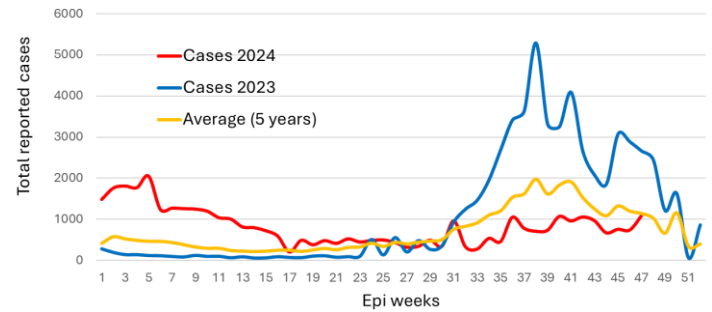


Figure 5. Total number of suspected dengue cases in 2024 to EW 47, 2023 and average of the last 5 years. **Andean Subregion**

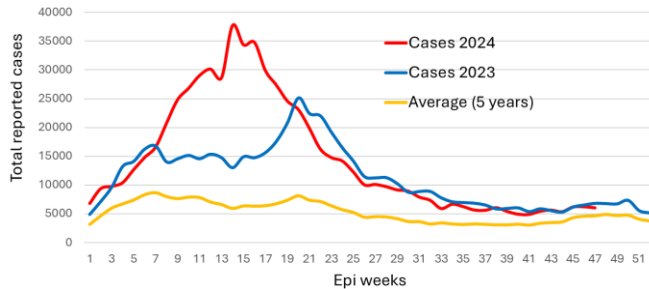
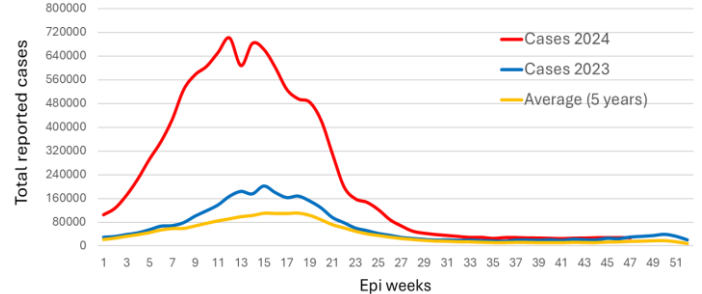


Figure 6. Total number of suspected dengue cases in 2024 to EW 47, 2023 and average of the last 5 years. **Southern Cone Subregion**



Thirty one countries and territories reported the circulation of dengue serotypes in the Americas. Brazil, Colombia, Costa Rica, El Salvador, Guatemala, Honduras, Mexico, Nicaragua and Panama report the simultaneous circulation of DENV-1, DENV-2, DENV-3, and DENV-4. Figure 7 shows the serotypes reported by country.

Figure 7. Geographic distribution of serotypes in the Region of the Americas, 2024 EW 47



*Source: PLISA (<https://www.paho.org/plisa>) Data reported by the Ministries and Institutes of Health of the countries and territories of the Region.

Notes:

- The data published is preliminary and is subject to change as new notifications and adjustments are carried out by the countries.
- The number of cases by country can be consulted at www.paho.org/plisa