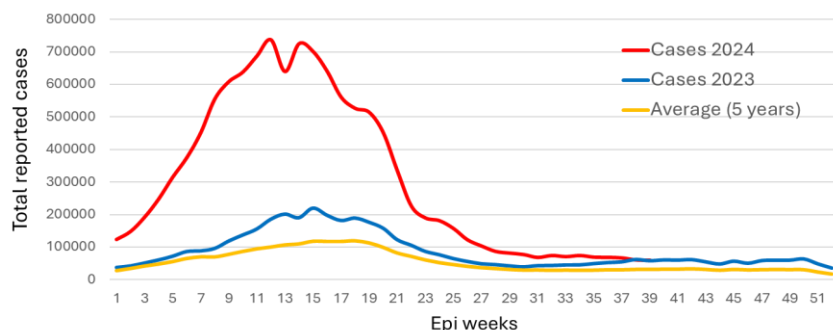


Report on the epidemiological situation of dengue in the Americas

As of epidemiological week 39, 2024. Update: October 17, 2024, 14:00 PM (GMT-5)

Between epidemiological weeks (EW) 1 and 39 of 2024, a total of 12,027,427 suspected cases of dengue were reported, resulting in a cumulative incidence of 1,259 per 100,000 population. This represents an increase of 215% compared to the same period in 2023 and 394% compared to the average of the last 5 years. Figure 1 shows the trend of suspected dengue cases as of EW 39.

Figure 1. Suspected dengue cases as of EW 39 in 2024 and 2023, and average of the last 5 years. Region of the Americas



Selected indicators

Corresponding to EW 39
 14 countries reported cases
 59,161 suspected cases
 13,051 lab confirmed (22%)
 230 severe dengue cases (0.4%)
 34 deaths
 0.057% case fatality rate (CFR)

Cumulative dengue cases as of EW 1 –39

12,027,427 suspected cases
 6,467,168 lab confirmed (54%)
 18,895 severe dengue cases (0.16%)
 7,152 deaths
 0.059% case fatality rate (CFR)

Out of the 12,027,427 reported dengue cases in the Region, 6,467,168 (54%) were laboratory-confirmed, and 18,895 (0.16%) were classified as severe dengue. A total of 7,152 fatalities have been recorded, resulting in a case fatality rate (CFR) of 0.059%.

In epidemiological week (EW) 39, fourteen countries and territories within the region reported dengue cases, accounting for 59,161 new suspected cases. Of these, 230 (0.4%) were classified as severe dengue, and 34 deaths were reported, yielding a CFR of 0.057%. 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 39, 2024

Countries with reported cases of dengue to PAHO EW 39	Cases
Argentina	10
Brazil	21,359
Colombia	4,169
Dominican Republic	79
El Salvador	205
Grenada	24
Honduras	4,286
Mexico	28,022
Paraguay	170
Peru	782
Saint Kitts and Nevis	7
Saint Lucia	19
Trinidad and Tobago	21
Virgen Islands (US)	8
Total	59,161

Analysis by subregion

Central America and Mexico Subregion: In EW 39, a total of 32,513 new suspected dengue cases were registered. As of EW 39, the subregion exhibits a 99% increase compared to the same week in 2023 and a 203% increase compared to the average of the last five years (Figure 3). The cases reported this week by Mexico represent an increment of 17% compared to the previous four epidemiological weeks (Figure 2).

Caribbean Subregion: In EW 39, 158 new suspected dengue cases were registered. As of EW 39, the subregion shows a 1% increase compared to the same week in 2023 and a 43% increase compared to the average of the last five years (Figure 4).

Andean Subregion: In EW 39, 4,951 new suspected dengue cases were registered. As of EW 39, the subregion shows a 24% increase compared to the same week in 2023 and a 188% increase compared to the average of the last five years (Figure 5). The cases reported this week by Peru represent an increment of 10% compared to the previous four epidemiological weeks (Figure 2).

Southern Cone Subregion: In EW 39, 21,539 new suspected dengue cases were reported. As of EW 39, the Southern Cone subregion shows a 265% increase compared to the same week in 2023 and a 446% increase compared to the average of the last five years (Figure 6).

Figure 2. Countries with an increase or decrease in dengue cases in EW 39 compared to the average of the last four weeks 2024

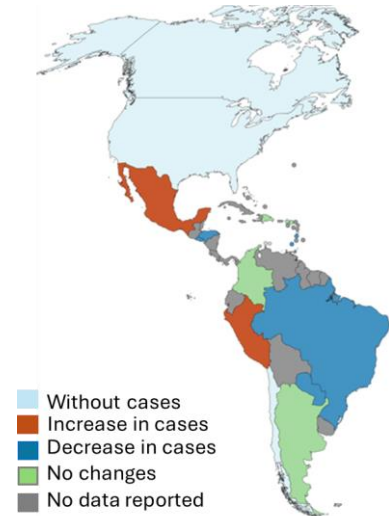


Figure 3. Total number of suspected dengue cases in 2024 to EW 39, 2023 and average of the last 5 years. **Central America and Mexico Subregion**

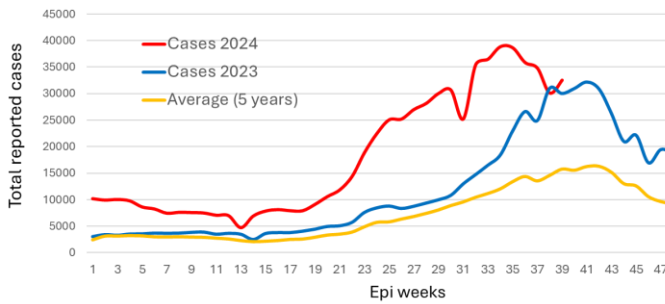


Figure 4. Total number of suspected dengue cases in 2024 to EW 39, 2023 and average of the last 5 years. **Caribbean subregion**

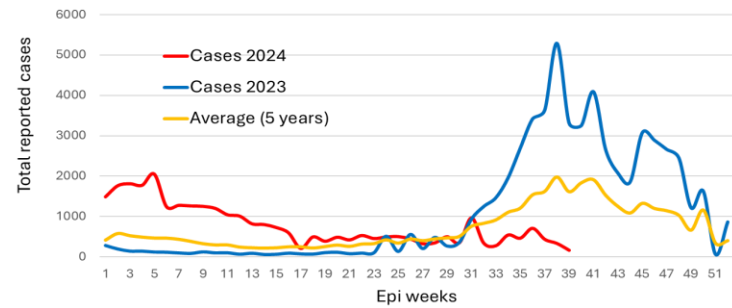


Figure 5. Total number of suspected dengue cases in 2024 to EW 39, 2023 and average of the last 5 years. **Andean Subregion**

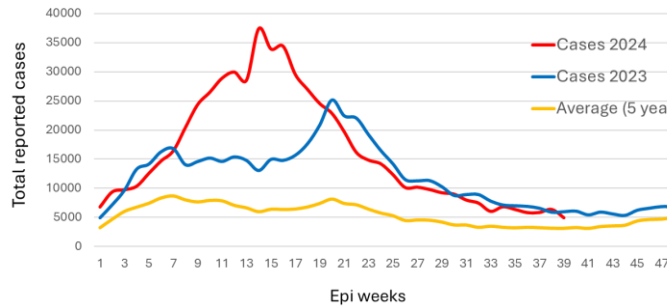
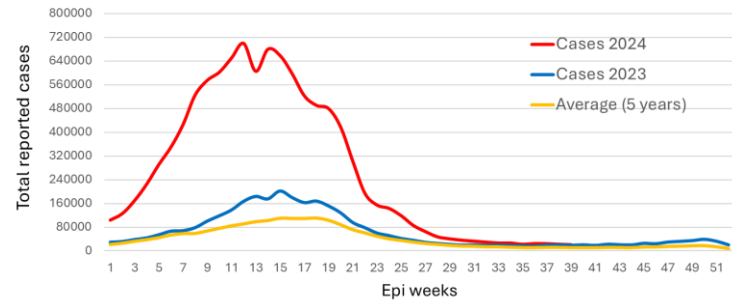


Figure 6. Total number of suspected dengue cases in 2024 to EW 39, 2023 and average of the last 5 years. **Southern Cone Subregion**



Twenty-nine countries and territories reported the circulation of dengue serotypes in the Americas. Brazil, Costa Rica, El Salvador, Guatemala, Honduras, Mexico, 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 39



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***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