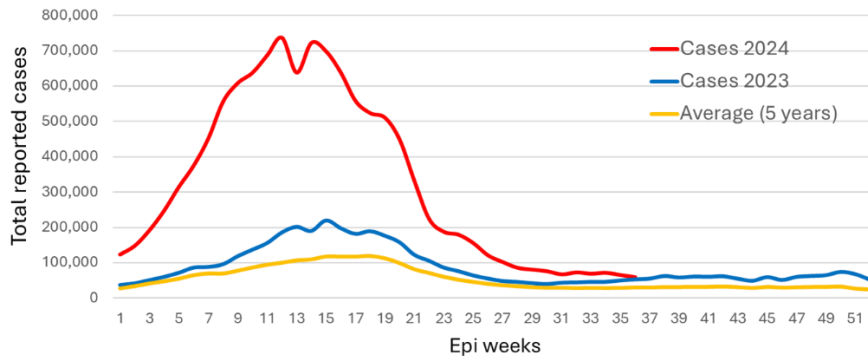


Report on the epidemiological situation of dengue in the Americas

As of epidemiological week 36, 2024. Update: September 25, 2024, 14:00 (GMT-5)

Between epidemiological weeks (EW) 1 and 36 of 2024, a total of 11,769,579 suspected cases of dengue were reported, resulting in a cumulative incidence of 1,232 per 100,000 population. This represents an increase of 229% compared to the same period in 2023 and 403% compared to the average of the last 5 years. Figure 1 shows the trend of suspected dengue cases as of EW 36.

Figure 1. Suspected dengue cases as of EW 36 in 2024 and 2023, and average of the last 5 years. Region of the Americas



Selected indicators

Corresponding to EW 36

16 countries reported cases
58,980 suspected cases
13,827 lab confirmed (23%)
280 severe dengue cases (0.47%)
12 deaths
0.020% case fatality rate (CFR)

Cumulative dengue cases as of EW 1-36

11,769,579 suspected cases
6,294,474 lab confirmed (53%)
17,642 severe dengue cases (0.15%)
6,691 deaths
0.057% case fatality rate (CFR)

Out of the 11,769,579 reported dengue cases in the Region, 6,294,474 (53%) were laboratory-confirmed, and 17,642 (0.15%) were classified as severe dengue. A total of 6,691 deaths have been recorded, resulting in a case fatality rate (CFR) of 0.057%.

In epidemiological week (EW) 36, sixteen countries and territories within the region reported dengue cases, accounting for 58,980 new suspected cases. Of these, 280 (0.47%) were classified as severe dengue and 12 deaths were reported, yielding a CFR of 0.020%. 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 36, 2024

Countries with reported cases of dengue to PAHO EW 36	Cases
Argentina	2
Brazil	17,199
Colombia	4,295
Costa Rica	754
Ecuador	600
El Salvador	239
Grenada	85
Guatemala	1,633
Honduras	7,078
Mexico	24,189
Panama	1,310
Paraguay	216
Peru	996
Saint Lucia	109
Trinidad and Tobago	262
Virgin Islands (US)	13
Total	58,980

Analysis by subregion

Central America and Mexico Subregion: In EW 36, a total of 35,203 new suspected dengue cases were registered. As of EW 36, the subregion exhibits a 127% increase compared to the same week in 2023 and a 221% increase compared to the average of the last five years (Figure 3). The cases reported this week by Mexico represent an increment of 32%, compared to the previous four epidemiological weeks (Figure 2).

Caribbean Subregion: In EW 36, 469 new suspected dengue cases were registered. As of EW 36, the subregion shows a 76% increase compared to the same week in 2023 and a 70% increase compared to the average of the last five years (Figure 4). The cases reported this week by Grenada represent an increment of 107%, and 990% for Saint Lucia, compared to the previous four epidemiological weeks.

Andean Subregion: In EW 36, 5,891 new suspected dengue cases were registered. As of EW 36, the subregion shows a 24% increase compared to the same week in 2023 and a 192% increase compared to the average of the last five years (Figure 5). The cases reported this week by Peru show a rise of 43% compared to the previous four epidemiological weeks.

Southern Cone Subregion: In EW 36, 17,419 new suspected dengue cases were reported. As of EW 36, the Southern Cone subregion shows a 268% increase compared to the same week in 2023 and a 448% 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 36 compared to the average of the last four weeks 2024



Figure 3. Total number of suspected dengue cases in 2024 to EW 36, 2023 and average of the last 5 years. **Central America and Mexico Subregion**

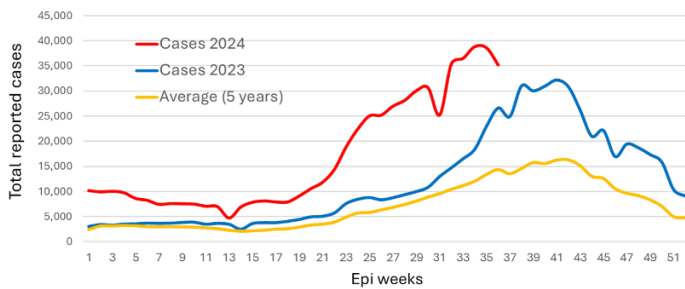


Figure 4. Total number of suspected dengue cases in 2024 to EW 36, 2023 and average of the last 5 years. **Caribbean subregion**

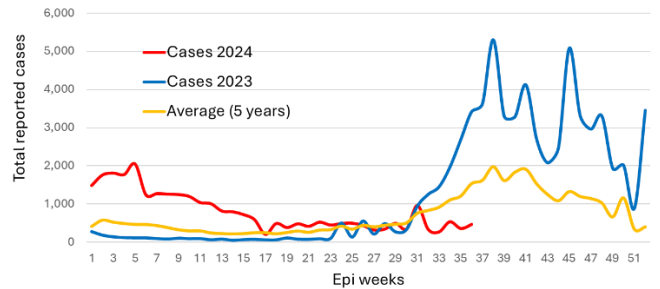


Figure 5. Total number of suspected dengue cases in 2024 to EW 36, 2023 and average of the last 5 years. **Andean Subregion**

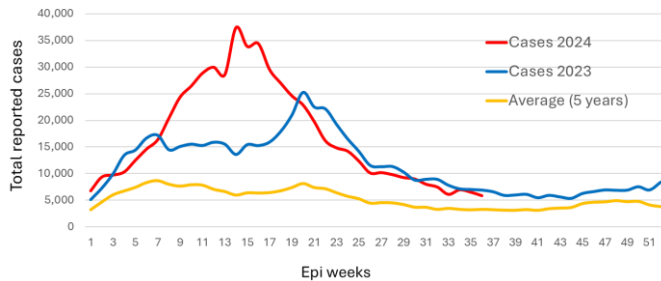
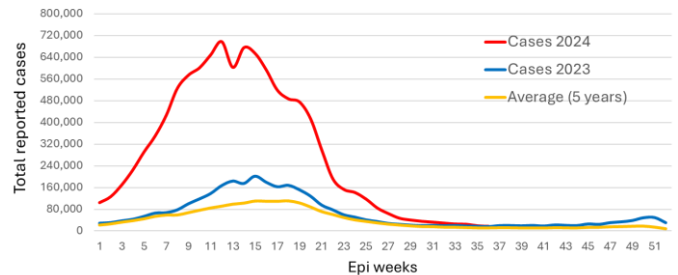


Figure 6. Total number of suspected dengue cases in 2024 to EW 36, 2023 and average of the last 5 years. **Southern Cone Subregion**



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 36



*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