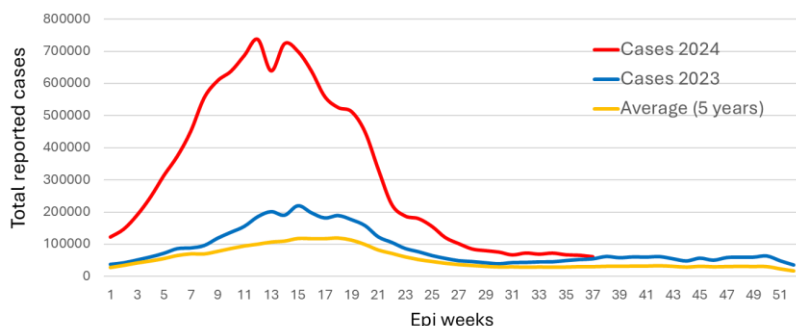


Report on the epidemiological situation of dengue in the Americas

As of epidemiological week 37, 2024. Update: October 4, 2024, 14:00 PM (GMT-5)

Between epidemiological weeks (EW) 1 and 37 of 2024, a total of 11,873,269 suspected cases of dengue were reported, resulting in a cumulative incidence of 1,243 per 100,000 population. This represents an increase of 221% compared to the same period in 2023 and 401% compared to the average of the last 5 years. Figure 1 shows the trend of suspected dengue cases as of EW 37.

Figure 1. Suspected dengue cases as of EW 37 in 2024 and 2023, and average of the last 5 years. Region of the Americas



Selected indicators

Corresponding to EW 37
15 countries reported cases
61,822 suspected cases
17,233 lab confirmed (28%)
367 severe dengue cases (0.8%)
98 deaths
0.158% case fatality rate (CFR)

Cumulative dengue cases as of EW 1 –37

11,873,269 suspected cases
6,373,660 lab confirmed (54%)
18,231 severe dengue cases (0.1%)
6,892 deaths
0.058% case fatality rate (CFR)

Out of the 11,873,269 reported dengue cases in the Region, 6,373,660 (54%) were laboratory-confirmed, and 18,231 (0.1%) were classified as severe dengue. A total of 6,892 fatalities have been recorded, resulting in a case fatality rate (CFR) of 0.058%.

In epidemiological week (EW) 37, fifteen countries and territories within the region reported dengue cases, accounting for 61,822 new suspected cases. Of these, 367 (0.6%) were classified as severe dengue, and 98 deaths were reported, yielding a CFR of 0.158%. 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 37, 2024

Countries with reported cases of dengue to PAHO EW 37	Cases
Argentina	1
Bolivia	236
Brazil	22,022
Colombia	4,283
Costa Rica	815
Ecuador	579
Grenada	66
Honduras	4,938
Mexico	26,051
Panama	1,330
Paraguay	283
Peru	971
Puerto Rico	139
Saint Lucia	36
Trinidad and Tobago	72
Total	61,822

Analysis by subregion

Central America and Mexico Subregion: In EW 37, a total of 33,134 new suspected dengue cases were registered. As of EW 37, the subregion exhibits a 118% increase compared to the same week in 2023 and a 216% increase compared to the average of the last five years (Figure 3). The cases reported this week by Mexico represent an increment of 26% compared to the previous four epidemiological weeks (Figure 2).

Caribbean Subregion: In EW 37, 313 new suspected dengue cases were registered. As of EW 37, the subregion shows a 32% increase compared to the same week in 2023 and a 67% increase compared to the average of the last five years (Figure 4).

Andean Subregion: In EW 37, 6,069 new suspected dengue cases were registered. As of EW 37, the subregion shows a 24% increase compared to the same week in 2023 and a 191% increase compared to the average of the last five years (Figure 5). The cases reported this week by Bolivia represent an increment of 11% and Peru of 30% compared to the previous four epidemiological weeks (Figure 2).

Southern Cone Subregion: In EW 37, 22,306 new suspected dengue cases were reported. As of EW 37, 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). The cases reported this week by Paraguay represent an increment of 21% compared to the previous four epidemiological weeks (Figure 2).

Figure 2. Countries with an increase or decrease in dengue cases in EW 37 compared to the average of the last four weeks 2024

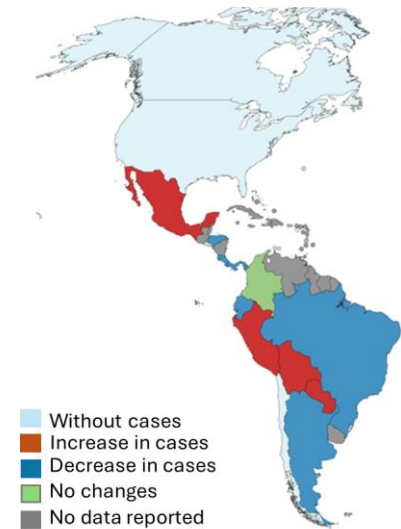


Figure 3. Total number of suspected dengue cases in 2024 to EW 37, 2023 and average of the last 5 years. Central America and Mexico Subregion

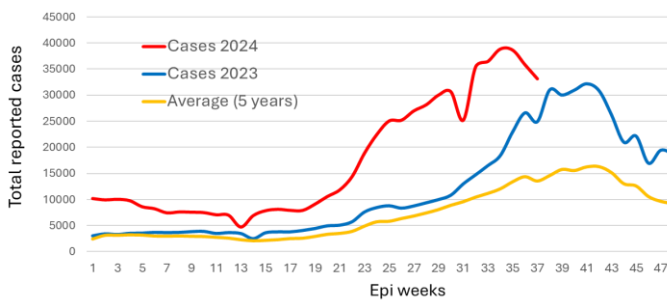


Figure 4. Total number of suspected dengue cases in 2024 to EW 37, 2023 and average of the last 5 years. Caribbean subregion

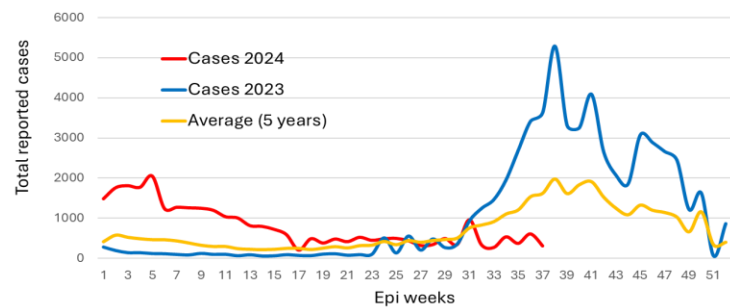


Figure 5. Total number of suspected dengue cases in 2024 to EW 37, 2023 and average of the last 5 years. Andean Subregion

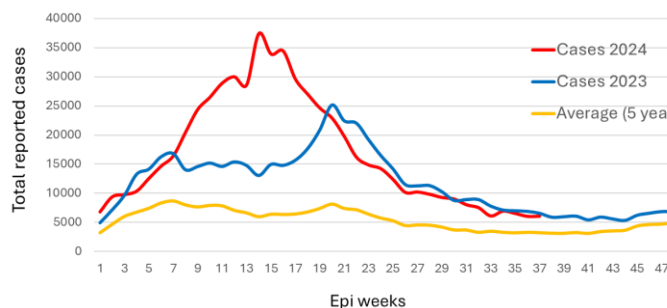
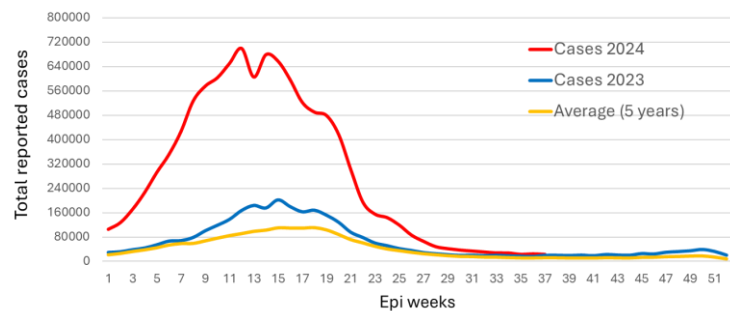


Figure 6. Total number of suspected dengue cases in 2024 to EW 37, 2023 and average of the last 5 years. Southern Cone Subregion



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 37



*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