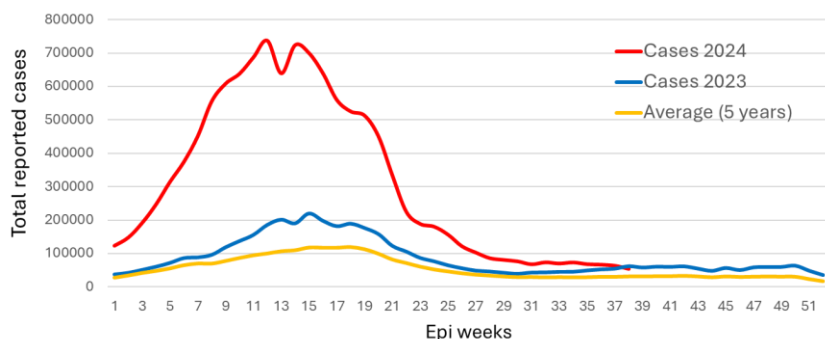


Report on the epidemiological situation of dengue in the Americas

As of epidemiological week 38, 2024. Update: October 11, 2024, 14:00 PM (GMT-5)

Between epidemiological weeks (EW) 1 and 38 of 2024, a total of 11,929,816 suspected cases of dengue were reported, resulting in a cumulative incidence of 1,249 per 100,000 population. This represents an increase of 218% compared to the same period in 2023 and 397% compared to the average of the last 5 years. Figure 1 shows the trend of suspected dengue cases as of EW 38.

Figure 1. Suspected dengue cases as of EW 38 in 2024 and 2023, and average of the last 5 years. Region of the Americas



Selected indicators

Corresponding to EW 38
 16 countries reported cases
 53,542 suspected cases
 12,654 lab confirmed (24%)
 341 severe dengue cases (0.6%)
 65 deaths
 0.121% case fatality rate (CFR)

Cumulative dengue cases as of EW 1 –38

11,929,816 suspected cases
 6,389,918 lab confirmed (53%)
 18,577 severe dengue cases (0.16%)
 6,957 deaths
 0.058% case fatality rate (CFR)

Out of the 11,929,816 reported dengue cases in the Region, 6,389,918 (53%) were laboratory-confirmed, and 18,577 (0.16%) were classified as severe dengue. A total of 6,957 fatalities have been recorded, resulting in a case fatality rate (CFR) of 0.058%.

In epidemiological week (EW) 38, sixteen countries and territories within the region reported dengue cases, accounting for 53,542 new suspected cases. Of these, 341 (0.6%) were classified as severe dengue, and 65 deaths were reported, yielding a CFR of 0.121%. 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 38, 2024

| Countries with reported cases of dengue to PAHO EW 38 | Cases |
|---|---------------|
| Argentina | 6 |
| Bolivia | 216 |
| Brazil | 16,719 |
| Colombia | 4,678 |
| Costa Rica | 886 |
| Dominican Republic | 64 |
| Ecuador | 679 |
| Grenada | 38 |
| Honduras | 5,106 |
| Mexico | 23,059 |
| Panama | 807 |
| Paraguay | 302 |
| Peru | 916 |
| Saint Lucia | 17 |
| Trinidad and Tobago | 29 |
| Virgen Islands (US) | 20 |
| Total | 53,542 |

Analysis by subregion

Central America and Mexico Subregion: In EW 38, a total of 29,858 new suspected dengue cases were registered. As of EW 38, the subregion exhibits a 108% increase compared to the same week in 2023 and a 210% increase compared to the average of the last five years (Figure 3).

Caribbean Subregion: In EW 38, 168 new suspected dengue cases were registered. As of EW 38, the subregion shows a 10% increase compared to the same week in 2023 and a 53% increase compared to the average of the last five years (Figure 4).

Andean Subregion: In EW 38, 6,489 new suspected dengue cases were registered. As of EW 38, the subregion shows a 24% increase compared to the same week in 2023 and a 190% increase compared to the average of the last five years (Figure 5). The cases reported this week by Peru represent an increment of 26% compared to the previous four epidemiological weeks (Figure 2).

Southern Cone Subregion: In EW 38, 17,027 new suspected dengue cases were reported. As of EW 38, the Southern Cone subregion shows a 266% increase compared to the same week in 2023 and a 446% increase compared to the average of the last five years (Figure 6). The cases reported this week by Paraguay represent an increment of 26% compared to the previous four epidemiological weeks (Figure 2).

Figure 2. Countries with an increase or decrease in dengue cases in EW 38 compared to the average of the last four weeks 2024



Figure 3. Total number of suspected dengue cases in 2024 to EW 38, 2023 and average of the last 5 years. Central America and Mexico Subregion

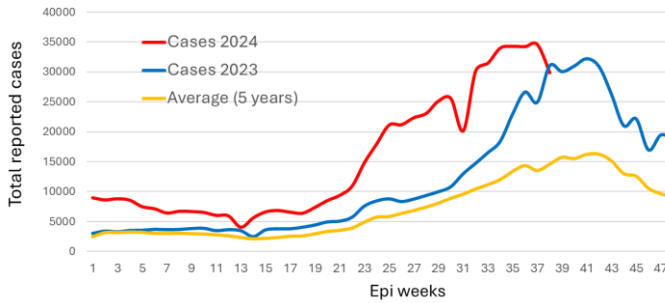


Figure 4. Total number of suspected dengue cases in 2024 to EW 38, 2023 and average of the last 5 years. Caribbean subregion

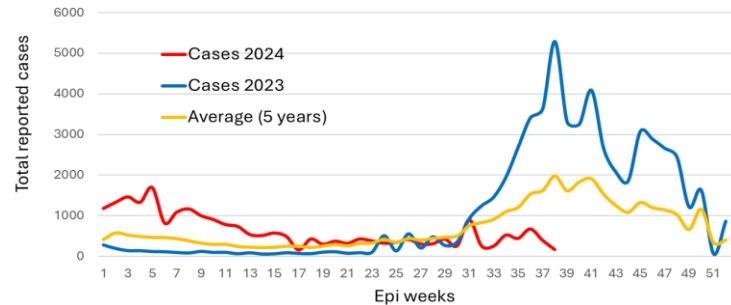


Figure 5. Total number of suspected dengue cases in 2024 to EW 38, 2023 and average of the last 5 years. Andean Subregion

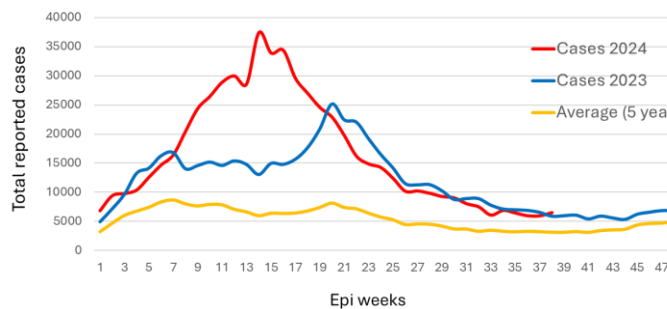
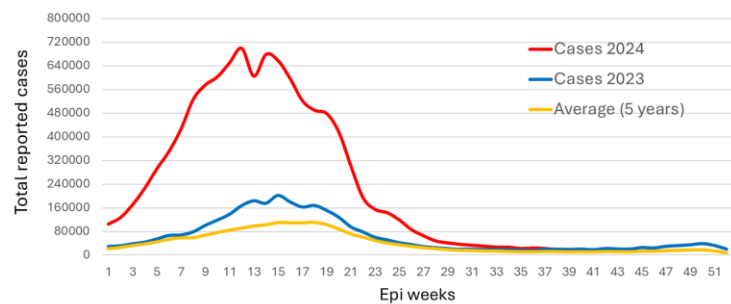
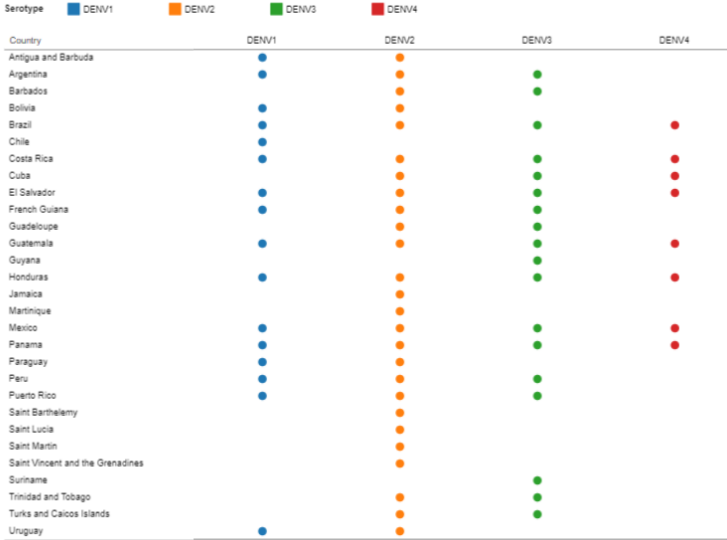


Figure 6. Total number of suspected dengue cases in 2024 to EW 38, 2023 and average of the last 5 years. Southern Cone Subregion



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 38



*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