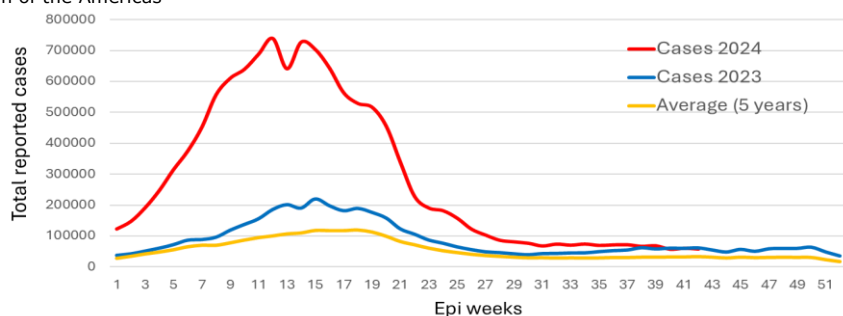


Report on the epidemiological situation of dengue in the Americas

As of epidemiological week 42, 2024. Update: November 7, 2024, 14:00 PM (GMT-5)R

Between epidemiological weeks (EW) 1 and 42 of 2024, a total of 12,261,165 suspected cases of dengue were reported, resulting in a cumulative incidence of 1,284 per 100,000 population. This represents an increase of 209% compared to the same period in 2023 and 387% compared to the average of the last 5 years. Figure 1 shows the trend of suspected dengue cases as of EW 42.

Figure 1. Suspected dengue cases as of EW 42 in 2024 and 2023, and average of the last 5 years. Region of the Americas



Selected indicators

Corresponding to EW 42
 20 countries reported cases
 58,736 suspected cases
 13,804 lab confirmed (24%)
 281 severe dengue cases (0.5%)
 28 deaths
 0.047% case fatality rate (CFR)

Cumulative dengue cases as of EW 1 – 42

12,261,165 suspected cases
 6,574,893 lab confirmed (53%)
 19,806 severe dengue cases (0.16%)
 7,399 deaths
 0.060% case fatality rate (CFR)

Out of the 12,261,165 reported dengue cases in the Region, 6,574,893 (53%) were laboratory-confirmed, and 19,806 (0.16%) were classified as severe dengue. A total of 7,399 fatalities have been recorded, resulting in a case fatality rate (CFR) of 0.060%.

In epidemiological week (EW) 42, 20 countries and territories within the region reported dengue cases, accounting for 58,736 new suspected cases. Of these, 281 (0.5%) were classified as severe dengue, and 28 deaths were reported, yielding a CFR of 0.047%. 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 42, 2024

Countries with reported cases of dengue to PAHO EW 42	Cases
Argentina	23
Brazil	20,726
Colombia	3,890
Costa Rica	523
Ecuador	555
Dominican Republic	94
El Salvador	180
Grenada	23
Guadeloupe	530
Honduras	2,556
Jamaica	29
Martinique	90
Mexico	27,584
Paraguay	439
Peru	1,019
Saint Kitts and Nevis	6
Saint Lucia	90
Saint Martin (Fra)	6
Virgen Islands (US)	8
Trinidad and Tobago	365
Total	58,736

Analysis by subregion

Central America and Mexico Subregion: In EW 42, a total of 30,843 new suspected dengue cases were registered. As of EW 42, the subregion exhibits a 83% increase compared to the same week in 2023 and a 192% increase compared to the average of the last five years (Figure 3). The cases reported this week by Mexico represent an increment of 12% compared to the previous four epidemiological weeks (Figure 2).

Caribbean Subregion: In EW 42, 1,241 new suspected dengue cases were registered. As of EW 42, the subregion shows a 16% decrease compared to the same week in 2023 and a 27% increase compared to the average of the last five years (Figure 4).

Andean Subregion: In EW 42, 5,464 new suspected dengue cases were registered. As of EW 42, the subregion shows a 23% increase compared to the same week in 2023 and a 184% increase compared to the average of the last five years (Figure 5). The cases reported this week by Peru represent an increment of 34% compared to the previous four epidemiological weeks (Figure 2).

Southern Cone Subregion: In EW 42, 21,188 new suspected dengue cases were reported. As of EW 42, the Southern Cone subregion shows a 259% increase compared to the same week in 2023 and a 442% 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 42 compared to the average of the last four weeks 2024

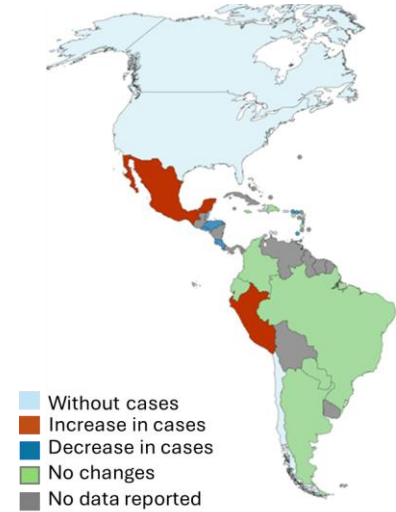


Figure 3. Total number of suspected dengue cases in 2024 to EW 42, 2023 and average of the last 5 years. **Central America and Mexico Subregion**

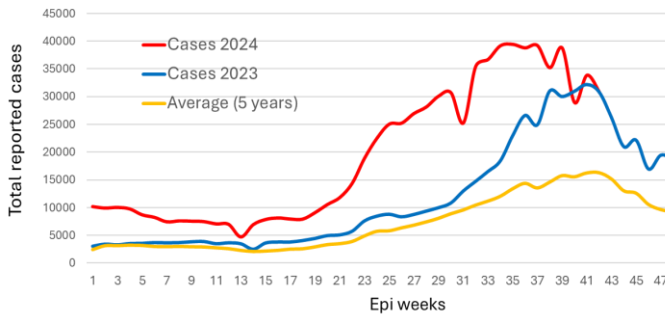


Figure 4. Total number of suspected dengue cases in 2024 to EW 42, 2023 and average of the last 5 years. **Caribbean subregion**

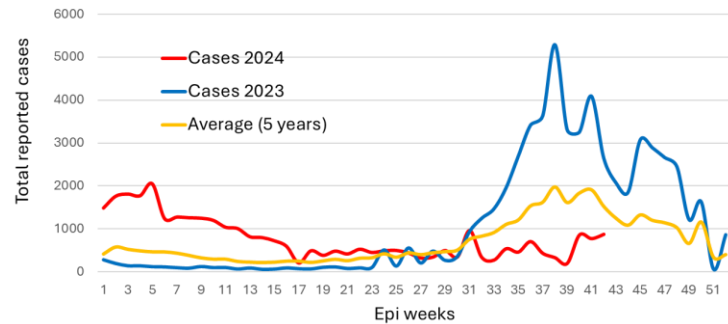


Figure 5. Total number of suspected dengue cases in 2024 to EW 42, 2023 and average of the last 5 years. **Andean Subregion**

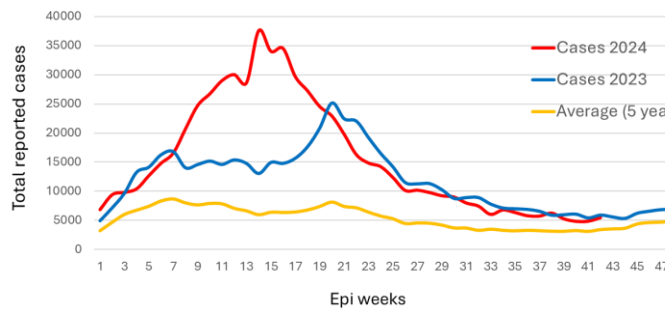
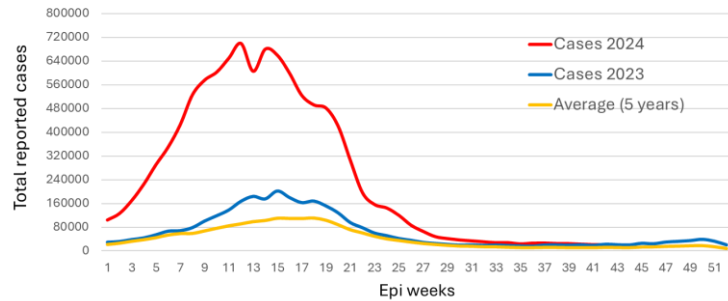
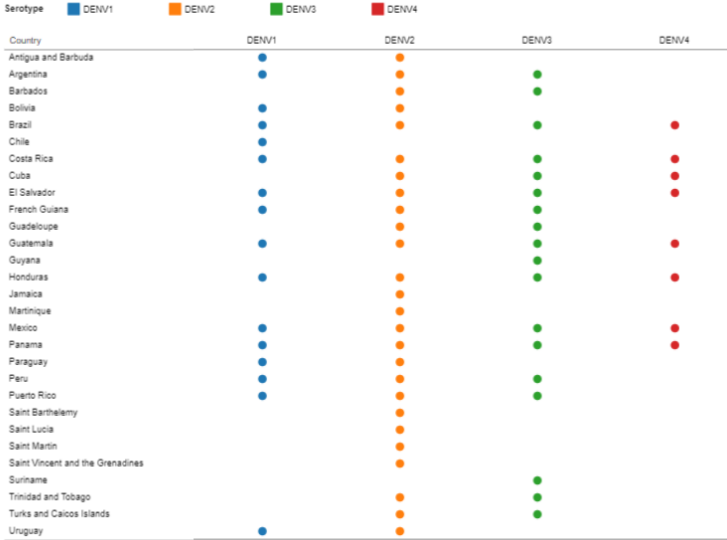


Figure 6. Total number of suspected dengue cases in 2024 to EW 42, 2023 and average of the last 5 years. **Southern Cone Subregion**



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 42



*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