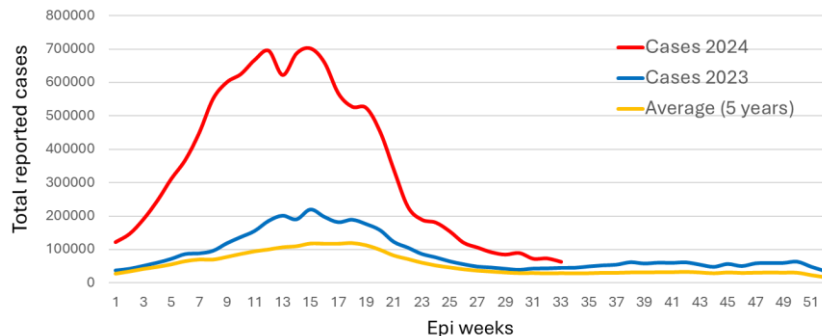


Report on the epidemiological situation of dengue in the Americas

As of epidemiological week 33, 2024. Update: September 5, 2024, 14:00 (GMT-5)

Between epidemiological weeks (EW) 1 and 33 of 2024, a total of 11,517,728 suspected cases of dengue were reported, resulting in a cumulative incidence of 1,206 per 100,000 population. This represents an increase of 230% compared to the same period in 2023 and 412% compared to the average of the last 5 years. Figure 1 shows the trend of suspected dengue cases as of EW 33.

Figure 1. Suspected dengue cases as of EW 33 in 2024 and 2023, and average of the last 5 years. Region of the Americas



Selected indicators

Corresponding to EW 33

17 countries reported cases
61,004 suspected cases
16,068 lab confirmed (26%)
284 severe dengue cases (0.47%)
36 deaths
0.059% case fatality rate (CFR)

Cumulative dengue cases as of EW 1 –33

11,517,728 suspected cases
6,166,278 lab confirmed (54%)
16,488 severe dengue cases (0.14%)
6,515 deaths
0.057% case fatality rate (CFR)

Out of the 11,517,728 reported dengue cases in the Region, 6,166,278 (54%) were laboratory-confirmed, and 16,488 (0.14%) were classified as severe dengue. A total of 6,515 fatalities have been recorded, resulting in a case fatality rate (CFR) of 0.057%.

In epidemiological week (EW) 33, seventeen countries and territories within the region reported dengue cases, accounting for 61,004 new suspected cases. Of these, 284 (0.47%) were classified as severe dengue, and 36 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 33, 2024

| <u>Countries with reported cases of dengue to PAHO EW 33</u> | Cases |
|--|---------------|
| Argentina | 9 |
| Brazil | 22,507 |
| Colombia | 4,415 |
| Costa Rica | 1,147 |
| Dominican Republic | 46 |
| Ecuador | 842 |
| El Salvador | 272 |
| Grenada | 33 |
| Guyana | 391 |
| Honduras | 9,420 |
| Mexico | 16,914 |
| Nicaragua | 1,955 |
| Panama | 1,788 |
| Paraguay | 234 |
| Peru | 1,015 |
| Saint Lucia | 3 |
| Virgin Islands (US) | 13 |
| Total | 61,004 |

Analysis by subregion

Central America and Mexico Subregion: In EW 33, a total of 31,496 new suspected dengue cases were registered. As of EW 33, the subregion exhibits a 144% increase compared to the same week in 2023 and a 226% increase compared to the average of the last five years (Figure 3). The cases reported this week by Costa Rica represent an increment of 2%, 7% for Honduras, 36% for Panama and 48% for Mexico compared to the previous four epidemiological weeks (Figure 2).

Caribbean Subregion: In EW 33, 95 new suspected dengue cases were registered. As of EW 33, the subregion shows a 230% increase compared to the same week in 2023 and a 120% increase compared to the average of the last five years (Figure 4).

Andean Subregion: In EW 33, 6,272 new suspected dengue cases were registered. As of EW 33, the subregion shows a 29% increase compared to the same week in 2023 and a 198% increase compared to the average of the last five years (Figure 5).

Southern Cone Subregion: In EW 33, 23,241 new suspected dengue cases were reported. As of EW 33, the Southern Cone subregion shows a 272% increase compared to the same week in 2023 and a 450% 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 33 compared to the average of the last four weeks 2024



Figure 3. Total number of suspected dengue cases in 2024 to EW 33, 2023 and average of the last 5 years. Central America and Mexico Subregion

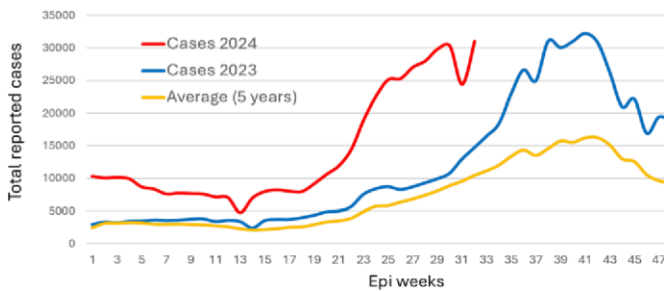


Figure 4. Total number of suspected dengue cases in 2024 to EW 33, 2023 and average of the last 5 years. Caribbean subregion

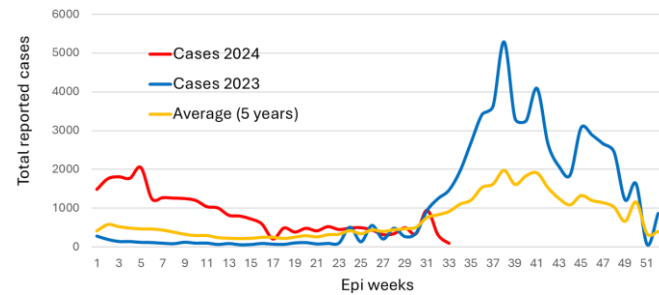


Figure 5. Total number of suspected dengue cases in 2024 to EW 33, 2023 and average of the last 5 years. Andean Subregion

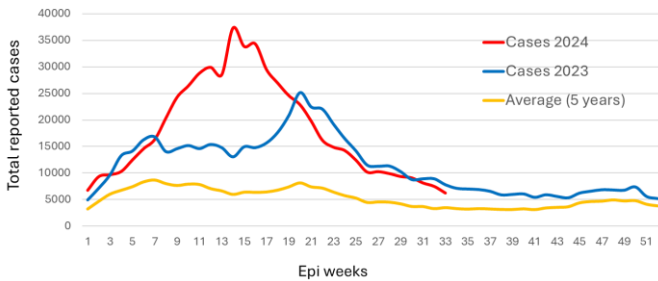
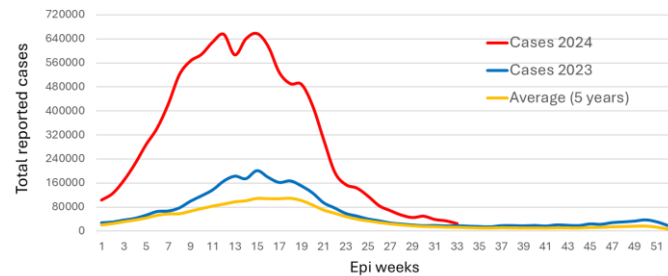


Figure 6. Total number of suspected dengue cases in 2024 to EW 33, 2023 and average of the last 5 years. Southern Cone Subregion



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 33



***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