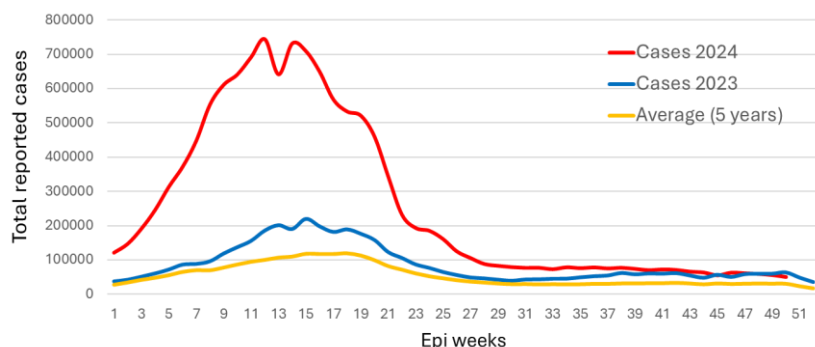


## Report on the epidemiological situation of dengue in the Americas

As of epidemiological week 50, 2024. Update: January 3, 2025, 14:00 PM (GMT-5)

Between epidemiological weeks (EW) 1 and 50 of 2024, a total of 12,902,122 suspected cases of dengue were reported, resulting in a cumulative incidence of 1,351 per 100,000 population. This represents an increase of 166% compared to the same period in 2023 and 328% compared to the average of the last 5 years. Figure 1 shows the trend of suspected dengue cases as of EW 50.

**Figure 1.** Suspected dengue cases as of EW 50 in 2024 and 2023, and average of the last 5 years. Region of the Americas



### Selected indicators

**Corresponding to EW 50**  
 12 countries reported cases  
 50,519 suspected cases  
 13,563 lab confirmed (27%)  
 177 severe dengue cases (0.3%)  
 110 deaths  
 0.217% case fatality rate (CFR)

### Cumulative dengue cases as of EW 1 – 50

12,902,122 suspected cases  
 6,847,097 lab confirmed (53%)  
 22,263 severe dengue cases (0.17%)  
 8,045 deaths  
 0.062% case fatality rate (CFR)

Out of the 12,902,122 reported dengue cases in the Region, 6,847,097 (53%) were laboratory-confirmed, and 22,263 (0.17%) were classified as severe dengue. A total of 8,045 fatalities have been recorded, resulting in a case fatality rate (CFR) of 0.062%.

In epidemiological week (EW) 50, 12 countries and territories within the region reported dengue cases, accounting for 50,519 new suspected cases. Of these, 177 (0.3%) were classified as severe dengue, and 110 deaths were reported, yielding a CFR of 0.217%. 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 50, 2024

Countries with reported cases of dengue to PAHO EW 50	Cases
Argentina	22
Brazil	35,011
Colombia	3,379
Dominican Republic	48
Ecuador	719
Grenada	2
Guyana	420
Honduras	418
Mexico	7,497
Paraguay	1,003
Peru	1,995
Virgin Islands (USA)	5
<b>Total</b>	<b>50,519</b>

## Analysis by subregion

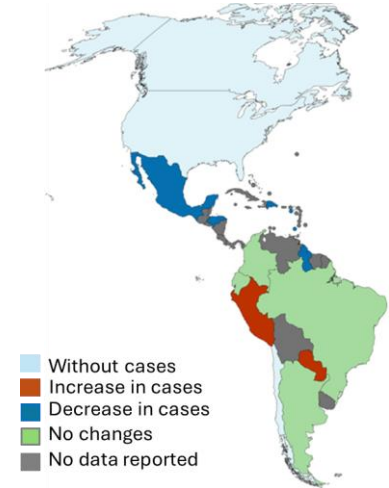
**Central America and Mexico Subregion:** In EW 50, a total of 7,915 new suspected dengue cases were registered. As of EW 50, the subregion exhibits a 76% increase compared to the same week in 2023 and a 191% increase compared to the average of the last five years (Figure 3).

**Caribbean Subregion:** In EW 50, 55 new suspected dengue cases were registered. As of EW 50, the subregion shows a 29% decrease compared to the same week in 2023 and a 21% increase compared to the average of the last five years (Figure 4).

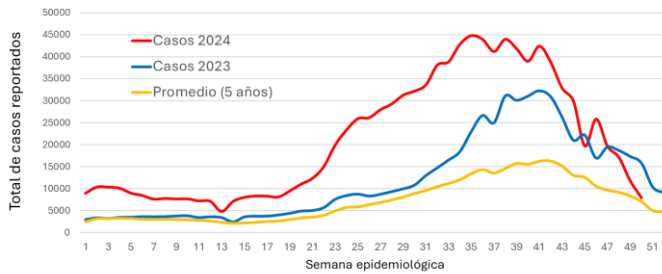
**Andean Subregion:** In EW 50, 6,093 new suspected dengue cases were registered. As of EW 50, the subregion shows a 20% increase compared to the same week in 2023 and a 164% increase compared to the average of the last five years (Figure 5). The cases reported this week by Peru represent an increment of 26% compared to the previous four epidemiological weeks (Figure 2).

**Southern Cone Subregion:** In EW 50, 36,456 new suspected dengue cases were reported. As of EW 50, the Southern Cone subregion shows a 244% increase compared to the same week in 2023 and a 428% increase compared to the average of the last five years (Figure 6). The cases reported this week by Paraguay represent an increment of 17% compared to the previous four epidemiological weeks (Figure 2).

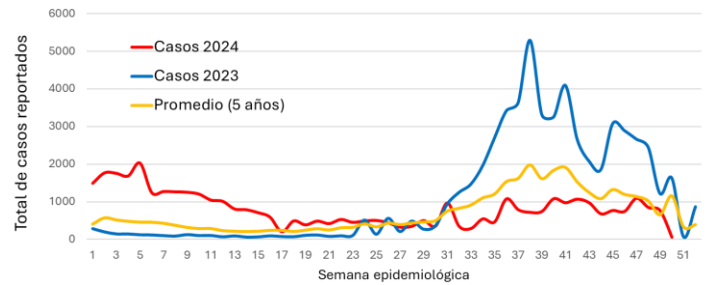
**Figure 2.** Countries with an increase or decrease in dengue cases in EW 50 compared to the average of the last four weeks 2024



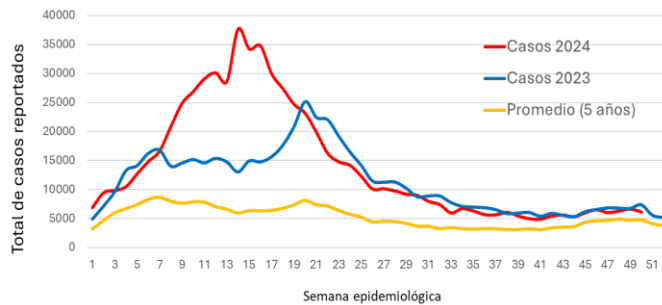
**Figure 3.** Total number of suspected dengue cases in 2024 to EW 50, 2023 and average of the last 5 years. **Central America and Mexico Subregion**



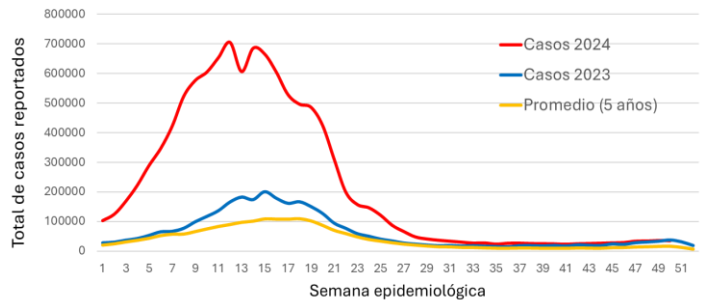
**Figure 4.** Total number of suspected dengue cases in 2024 to EW 50, 2023 and average of the last 5 years. **Caribbean subregion**



**Figure 5.** Total number of suspected dengue cases in 2024 to EW 50, 2023 and average of the last 5 years. **Andean Subregion**



**Figure 6.** Total number of suspected dengue cases in 2024 to EW 50, 2023 and average of the last 5 years. **Southern Cone Subregion**



Thirty three countries and territories reported the circulation of dengue serotypes in the Americas. Brazil, Colombia, Costa Rica, El Salvador, Guatemala, Honduras, Mexico, Nicaragua 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 50



\*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](http://www.paho.org/plisa)