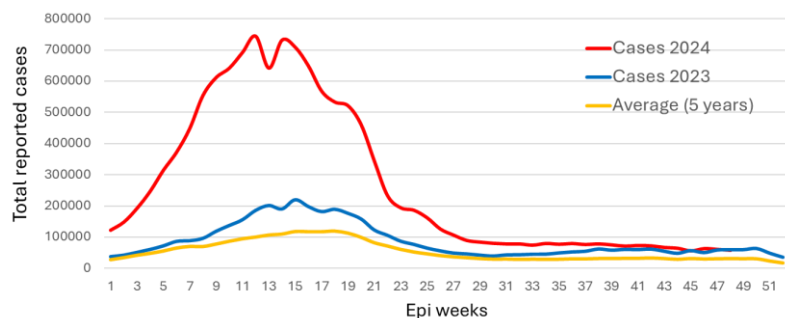


## Report on the epidemiological situation of dengue in the Americas

As of epidemiological week 48, 2024. Update: December 19, 2024, 14:00 PM (GMT-5)

Between epidemiological weeks (EW) 1 and 48 of 2024, a total of 12,780,728 suspected cases of dengue were reported, resulting in a cumulative incidence of 1,338 per 100,000 population. This represents an increase of 195% compared to the same period in 2023 and 371% compared to the average of the last 5 years. Figure 1 shows the trend of suspected dengue cases as of EW 48.

**Figure 1.** Suspected dengue cases as of EW 48 in 2024 and 2023, and average of the last 5 years. Region of the Americas



### Selected indicators

**Corresponding to EW 48**  
 20 countries reported cases  
 57,267 suspected cases  
 13,405 lab confirmed (23%)  
 223 severe dengue cases (0.4%)  
 49 deaths  
 0.085% case fatality rate (CFR)

### Cumulative dengue cases as of EW 1 – 48

12,780,728 suspected cases  
 6,784,079 lab confirmed (53%)  
 21,842 severe dengue cases (0.17%)  
 7,822 deaths  
 0.061% case fatality rate (CFR)

Out of the 12,780,728 reported dengue cases in the Region, 6,784,079 (53%) were laboratory-confirmed, and 21,842 (0.17%) were classified as severe dengue. A total of 7,822 fatalities have been recorded, resulting in a case fatality rate (CFR) of 0.061%.

In epidemiological week (EW) 48, 20 countries and territories within the region reported dengue cases, accounting for 57,267 new suspected cases. Of these, 223 (0.4%) were classified as severe dengue, and 49 deaths were reported, yielding a CFR of 0.085%. 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 48, 2024

Countries with reported cases of dengue to PAHO EW 48	Cases
Argentina	7
Belize	12
Bolivia	625
Brazil	31,611
Colombia	3,492
Costa Rica	382
Dominican Republic	50
Ecuador	586
Grenada	6
Guadeloupe	630
Guatemala	1,922
Honduras	765
Martinique	95
Mexico	14,050
Paraguay	841
Peru	1,981
Saint Kitts and Nevis	4
Saint Barthelemy	1
Trinidad and Tobago	202
Virgin Islands (USA)	5
<b>Total</b>	<b>57,267</b>

### Analysis by subregion

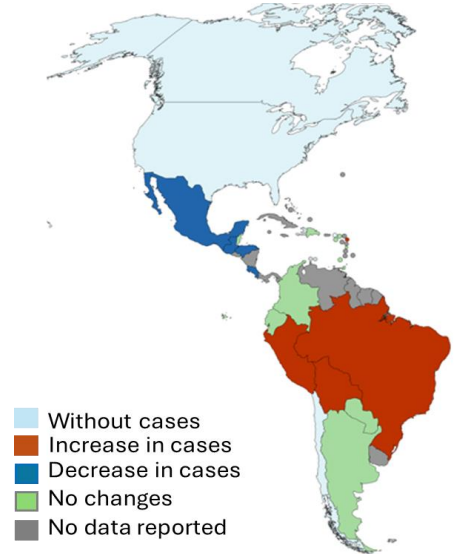
**Central America and Mexico Subregion:** In EW 48, a total of 17,131 new suspected dengue cases were registered. As of EW 48, the subregion exhibits a 83% increase compared to the same week in 2023 and a 198% increase compared to the average of the last five years (Figure 3).

**Caribbean Subregion:** In EW 48, 993 new suspected dengue cases were registered. As of EW 48, the subregion shows a 27% decrease compared to the same week in 2023 and a 30% increase compared to the average of the last five years (Figure 4). The cases reported this week by Guadeloupe represent an increment of 16% compared to the previous four epidemiological weeks (Figure 2).

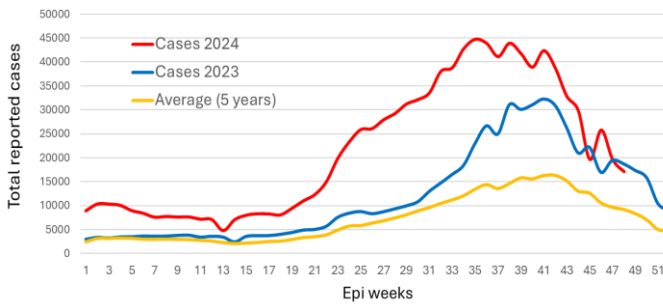
**Andean Subregion:** In EW 48, 6,684 new suspected dengue cases were registered. As of EW 48, the subregion shows a 22% increase compared to the same week in 2023 and a 170% increase compared to the average of the last five years (Figure 5). The cases reported this week by Bolivia represent an increment of 37% and Peru of 42% compared to the previous four epidemiological weeks (Figure 2).

**Southern Cone Subregion:** In EW 48, 32,459 new suspected dengue cases were reported. As of EW 48, the Southern Cone subregion shows a 252% increase compared to the same week in 2023 and a 435% increase compared to the average of the last five years (Figure 6). The cases reported this week by Brazil represent an increment of 11% compared to the previous four epidemiological weeks (Figure 2).

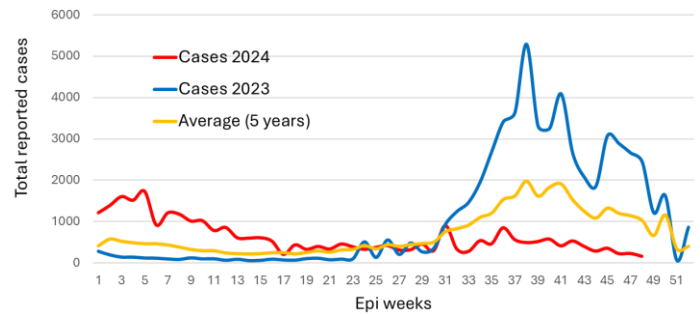
**Figure 2.** Countries with an increase or decrease in dengue cases in EW 48 compared to the average of the last four weeks 2024



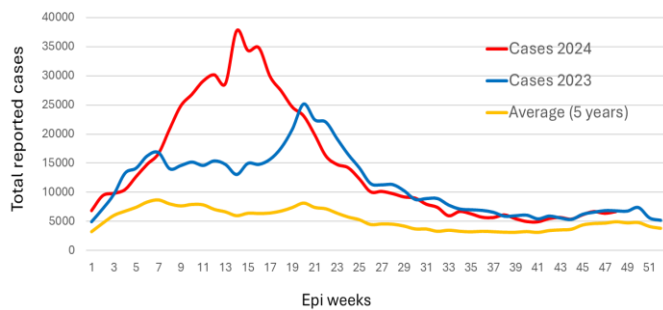
**Figure 3.** Total number of suspected dengue cases in 2024 to EW 48, 2023 and average of the last 5 years. **Central America and Mexico Subregion**



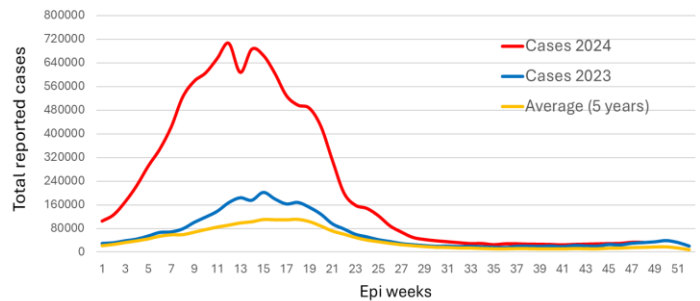
**Figure 4.** Total number of suspected dengue cases in 2024 to EW 48, 2023 and average of the last 5 years. **Caribbean subregion**



**Figure 5.** Total number of suspected dengue cases in 2024 to EW 48, 2023 and average of the last 5 years. **Andean Subregion**



**Figure 6.** Total number of suspected dengue cases in 2024 to EW 48, 2023 and average of the last 5 years. **Southern Cone Subregion**



Thirty one 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 48



\*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)