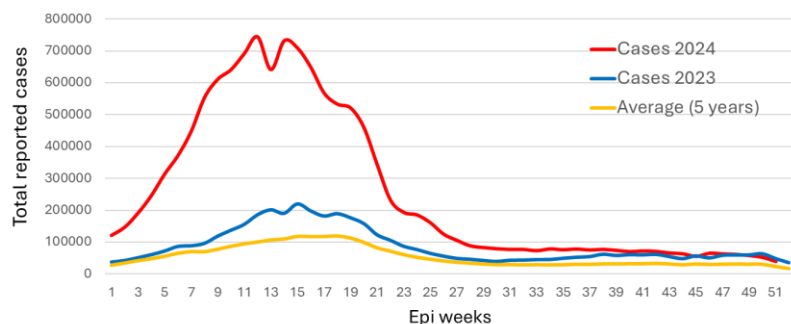


Report on the epidemiological situation of dengue in the Americas

As of epidemiological week 51, 2024. Update: January 9, 2024, 14:00 PM (GMT-5)

Between epidemiological weeks (EW) 1 and 51 of 2024, a total of 12,951,652 suspected cases of dengue were reported, resulting in a cumulative incidence of 1,356 per 100,000 population. This represents an increase of 185% compared to the same period in 2023 and 361% compared to the average of the last 5 years. Figure 1 shows the trend of suspected dengue cases as of EW 51.

Figure 1. Suspected dengue cases as of EW 51 in 2024 and 2023, and average of the last 5 years. Region of the Americas



Selected indicators

Corresponding to EW 51
 14 countries reported cases
 39,659 suspected cases
 8,476 lab confirmed (21%)
 157 severe dengue cases (0.4%)
 31 deaths
 0.078% case fatality rate (CFR)

Cumulative dengue cases as of EW 1 – 51

12,951,652 suspected cases
 6,858,267 lab confirmed (53%)
 22,436 severe dengue cases (0.17%)
 8,075 deaths
 0.062% case fatality rate (CFR)

Out of the 12,951,652 reported dengue cases in the Region, 6,858,267 (53%) were laboratory-confirmed, and 22,436 (0.17%) were classified as severe dengue. A total of 8,075 fatalities have been recorded, resulting in a case fatality rate (CFR) of 0.062%.

In epidemiological week (EW) 51, 14 countries and territories within the region reported dengue cases, accounting for 39,659 new suspected cases. Of these, 157 (0.4%) were classified as severe dengue, and 31 deaths were reported, yielding a CFR of 0.078%. 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 51, 2024

Countries with reported cases of dengue to PAHO EW 51	Cases
Argentina	21
Brazil	25,989
Colombia	2,690
Dominican Republic	35
Ecuador	771
Grenada	3
Guyana	123
Honduras	320
Jamaica	73
Mexico	5,189
Nicaragua	1,900
Paraguay	877
Peru	1,664
Saint Kitts and Nevis	4
Total	39,659

Analysis by subregion

Central America and Mexico Subregion: In EW 51, a total of 7,409 new suspected dengue cases were registered. As of EW 51, 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 51, 115 new suspected dengue cases were registered. As of EW 51, 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 51, 5,125 new suspected dengue cases were registered. As of EW 51, the subregion shows a 20% increase compared to the same week in 2023 and a 162% increase compared to the average of the last five years (Figure 5).

Southern Cone Subregion: In EW 51, 27,010 new suspected dengue cases were reported. As of EW 51, the Southern Cone subregion shows a 239% increase compared to the same week in 2023 and a 426% 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 51 compared to the average of the last four weeks 2024

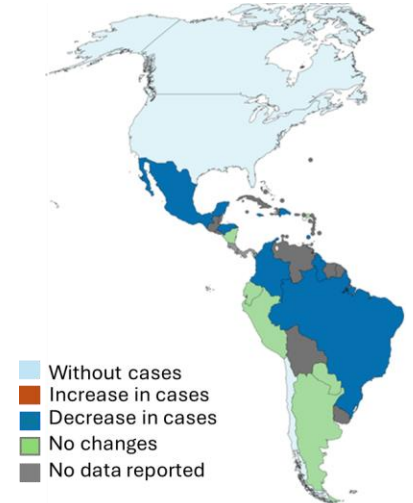


Figure 3. Total number of suspected dengue cases in 2024 to EW 51, 2023 and average of the last 5 years. **Central America and Mexico Subregion**

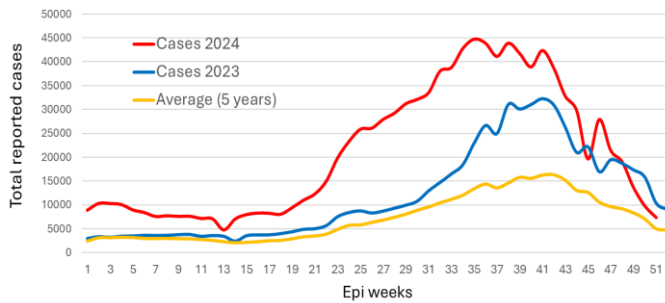


Figure 4. Total number of suspected dengue cases in 2024 to EW 51, 2023 and average of the last 5 years. **Caribbean subregion**

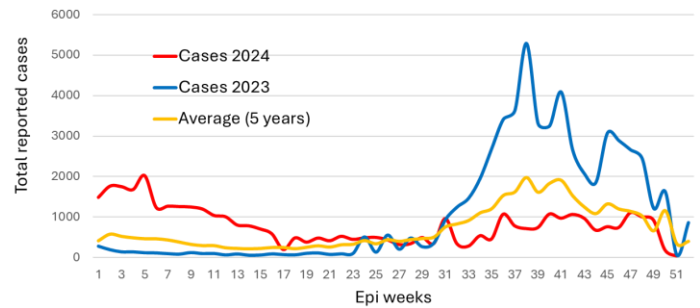


Figure 5. Total number of suspected dengue cases in 2024 to EW 51, 2023 and average of the last 5 years. **Andean Subregion**

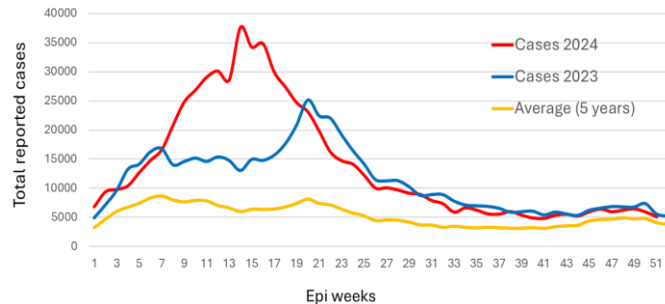
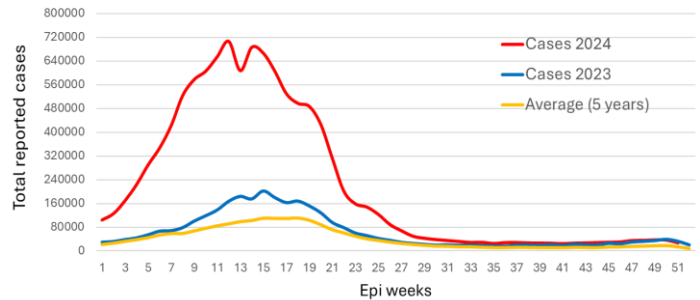


Figure 6. Total number of suspected dengue cases in 2024 to EW 51, 2023 and average of the last 5 years. **Southern Cone Subregion**



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 51



***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