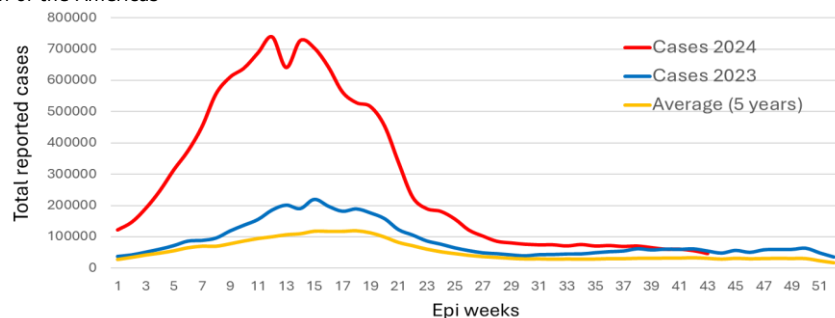


Report on the epidemiological situation of dengue in the Americas

As of epidemiological week 43, 2024. Update: November 15, 2024, 14:00 PM (GMT-5)

Between epidemiological weeks (EW) 1 and 43 of 2024, a total of 12,326,882 suspected cases of dengue were reported, resulting in a cumulative incidence of 1,291 per 100,000 population. This represents an increase of 204% compared to the same period in 2023 and 381% compared to the average of the last 5 years. Figure 1 shows the trend of suspected dengue cases as of EW 43.

Figure 1. Suspected dengue cases as of EW 43 in 2024 and 2023, and average of the last 5 years. Region of the Americas



Selected indicators

Corresponding to EW 43
 16 countries reported cases
 47,466 suspected cases
 11,442 lab confirmed (24%)
 223 severe dengue cases (0.4%)
 6 deaths
 0.012% case fatality rate (CFR)

Cumulative dengue cases as of EW 1 – 43

12,326,882 suspected cases
 6,597,366 lab confirmed (53%)
 20,294 severe dengue cases (0.16%)
 7,453 deaths
 0.060% case fatality rate (CFR)

Out of the 12,326,882 reported dengue cases in the Region, 6,597,366 (53%) were laboratory-confirmed, and 20,294 (0.16%) were classified as severe dengue. A total of 7,453 fatalities have been recorded, resulting in a case fatality rate (CFR) of 0.060%.

In epidemiological week (EW) 43, 16 countries and territories within the region reported dengue cases, accounting for 47,466 new suspected cases. Of these, 223 (0.4%) were classified as severe dengue, and 6 deaths were reported, yielding a CFR of 0.012%. 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 43, 2024

Countries with reported cases of dengue to PAHO EW 43	Cases
Argentina	20
Brazil	17,088
Colombia	3,777
Costa Rica	697
Ecuador	628
Dominican Republic	60
Grenada	14
Guadeloupe	570
Jamaica	17
Martinique	90
Mexico	22,401
Paraguay	782
Peru	1,268
Saint Kitts and Nevis	11
Saint Lucia	14
Saint Martin (Fra)	29
Total	47,466

Analysis by subregion

Central America and Mexico Subregion: In EW 43, a total of 23,098 new suspected dengue cases were registered. As of EW 43, the subregion exhibits a 81% increase compared to the same week in 2023 and a 190% increase compared to the average of the last five years (Figure 3).

Caribbean Subregion: In EW 43, 805 new suspected dengue cases were registered. As of EW 43, the subregion shows a 36% decrease compared to the same week in 2023 and a 29% increase compared to the average of the last five years (Figure 4). The cases reported this week by Guadeloupe represent an increment of 26% compared to the previous four epidemiological weeks (Figure 2).

Andean Subregion: In EW 43, 5,673 new suspected dengue cases were registered. As of EW 43, the subregion shows a 23% increase compared to the same week in 2023 and a 182% increase compared to the average of the last five years (Figure 5). The cases reported this week by Ecuador represent an increment of 12% and Peru of 59% compared to the previous four epidemiological weeks (Figure 2).

Southern Cone Subregion: In EW 43, 17,890 new suspected dengue cases were reported. As of EW 43, the Southern Cone subregion shows a 261% increase compared to the same week in 2023 and a 439% increase compared to the average of the last five years (Figure 6). The cases reported this week by Paraguay represent an increment of 83% compared to the previous four epidemiological weeks (Figure 2).

Figure 2. Countries with an increase or decrease in dengue cases in EW 43 compared to the average of the last four weeks 2024

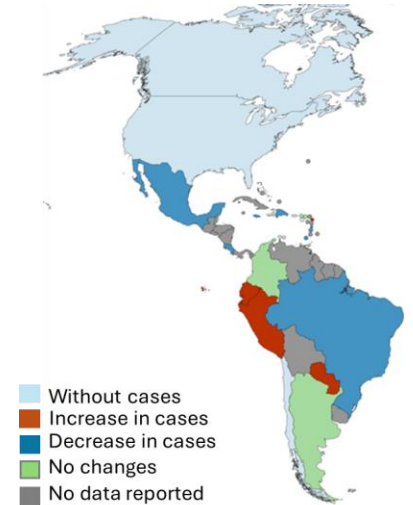


Figure 3. Total number of suspected dengue cases in 2024 to EW 43, 2023 and average of the last 5 years. **Central America and Mexico Subregion**

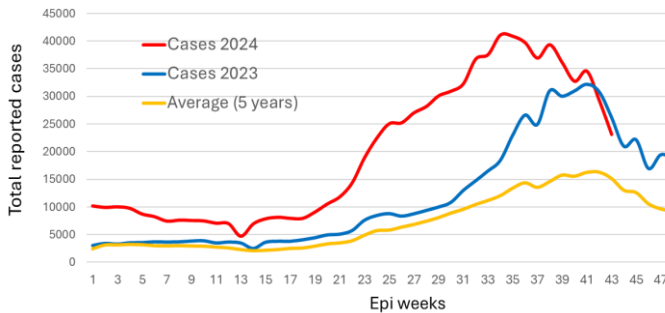


Figure 4. Total number of suspected dengue cases in 2024 to EW 43, 2023 and average of the last 5 years. **Caribbean subregion**

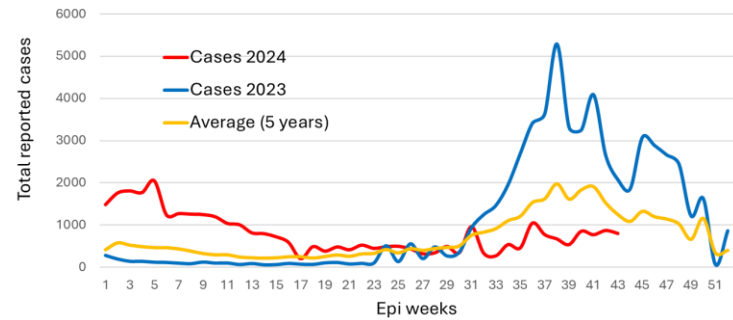


Figure 5. Total number of suspected dengue cases in 2024 to EW 43, 2023 and average of the last 5 years. **Andean Subregion**

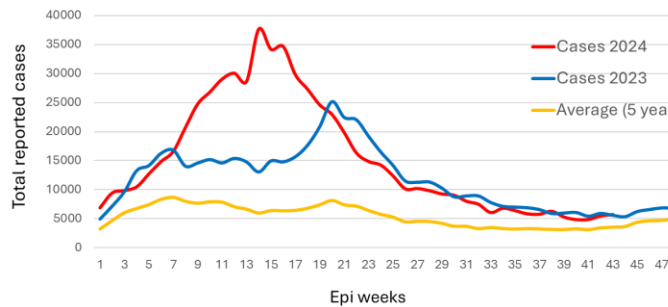
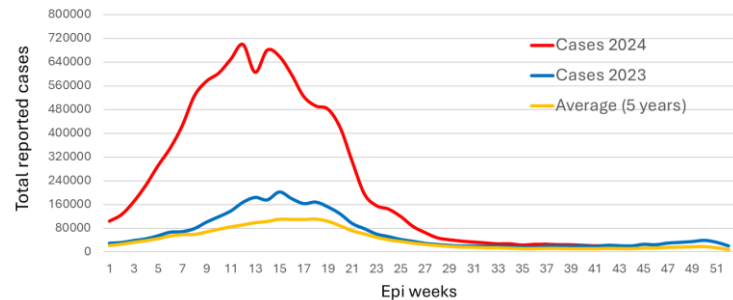


Figure 6. Total number of suspected dengue cases in 2024 to EW 43, 2023 and average of the last 5 years. **Southern Cone Subregion**



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 43



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***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