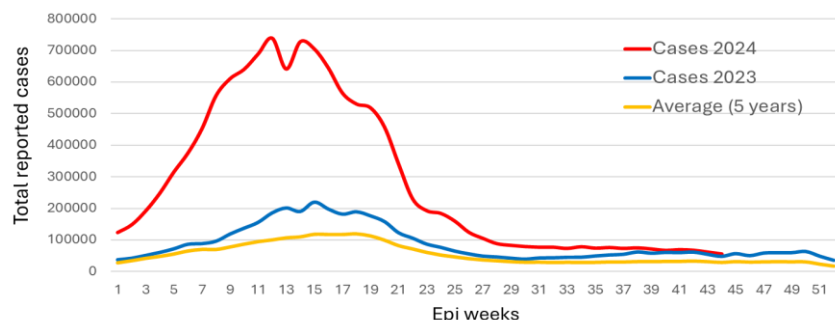


Report on the epidemiological situation of dengue in the Americas

As of epidemiological week 44, 2024. Update: November 21, 2024, 14:00 PM (GMT-5)

Between epidemiological weeks (EW) 1 and 44 of 2024, a total of 12,479,437 suspected cases of dengue were reported, resulting in a cumulative incidence of 1,307 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 44.

Figure 1. Suspected dengue cases as of EW 44 in 2024 and 2023, and average of the last 5 years. Region of the Americas



Selected indicators

Corresponding to EW 44
 23 countries reported cases
 55,654 suspected cases
 10,946 lab confirmed (20%)
 170 severe dengue cases (0.3%)
 8 deaths
 0.014% case fatality rate (CFR)

Cumulative dengue cases as of EW 1 – 44

12,479,437 suspected cases
 6,652,683 lab confirmed (53%)
 20,916 severe dengue cases (0.17%)
 7,575 deaths
 0.061% case fatality rate (CFR)

Out of the 12,479,437 reported dengue cases in the Region, 6,652,683 (53%) were laboratory-confirmed, and 20,916 (0.17%) were classified as severe dengue. A total of 7,575 fatalities have been recorded, resulting in a case fatality rate (CFR) of 0.061%.

In epidemiological week (EW) 44, 23 countries and territories within the region reported dengue cases, accounting for 55,654 new suspected cases. Of these, 170 (0.3%) were classified as severe dengue, and 8 deaths were reported, yielding a CFR of 0.014%. 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 44, 2024

Countries with reported cases of dengue to PAHO EW 44	Cases
Argentina	27
Bolivia	359
Brazil	22,300
Colombia	3,490
Costa Rica	710
Ecuador	571
El Salvador	169
Dominican Republic	48
Grenada	4
Guadeloupe	390
Guatemala	2,308
Guyana	444
Honduras	1,720
Jamaica	27
Martinique	25
Mexico	20,245
Panama	673
Paraguay	745
Peru	1,261
Puerto Rico	126
Saint Kitts and Nevis	5
Saint Lucia	2
Virgin Islands (USA)	5
Total	55,654

Analysis by subregion

Central America and Mexico Subregion: In EW 44, a total of 25,825 new suspected dengue cases were registered. As of EW 44, the subregion exhibits a 90% increase compared to the same week in 2023 and a 204% increase compared to the average of the last five years (Figure 3).

Caribbean Subregion: In EW 44, 632 new suspected dengue cases were registered. As of EW 44, the subregion shows a 16% decrease compared to the same week in 2023 and a 33% increase compared to the average of the last five years (Figure 4).

Andean Subregion: In EW 44, 5,681 new suspected dengue cases were registered. As of EW 44, the subregion shows a 23% increase compared to the same week in 2023 and a 180% increase compared to the average of the last five years (Figure 5). The cases reported this week by Peru represent an increment of 40% compared to the previous four epidemiological weeks (Figure 2).

Southern Cone Subregion: In EW 44, 23,516 new suspected dengue cases were reported. As of EW 44, the Southern Cone subregion shows a 230% increase compared to the same week in 2023 and a 396% increase compared to the average of the last five years (Figure 6). The cases reported this week by Paraguay represent an increment of 44% compared to the previous four epidemiological weeks (Figure 2).

Figure 2. Countries with an increase or decrease in dengue cases in EW 44 compared to the average of the last four weeks 2024

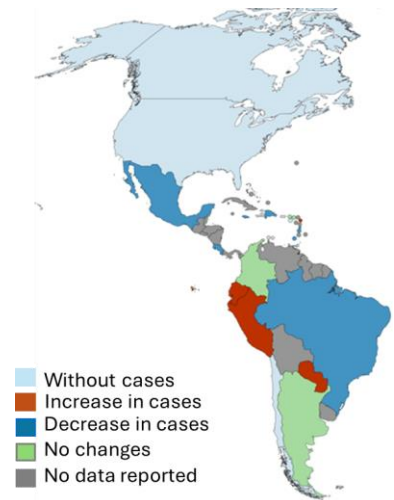


Figure 3. Total number of suspected dengue cases in 2024 to EW 44, 2023 and average of the last 5 years. **Central America and Mexico Subregion**

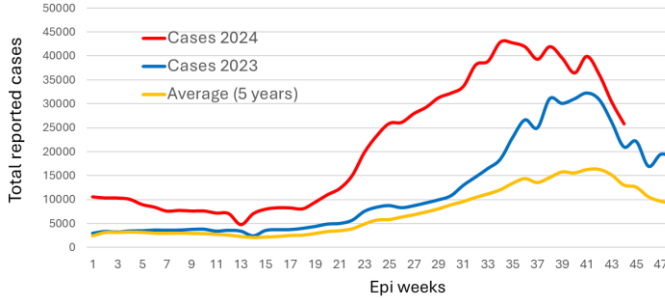


Figure 4. Total number of suspected dengue cases in 2024 to EW 44, 2023 and average of the last 5 years. **Caribbean subregion**

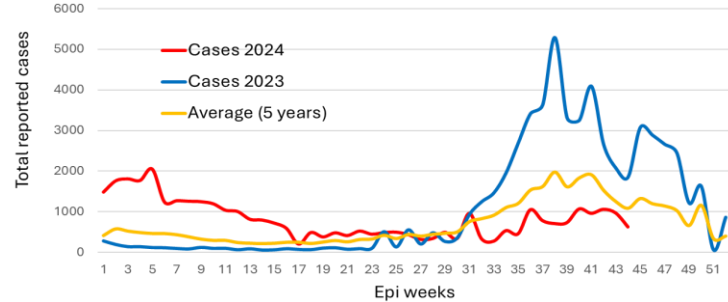


Figure 5. Total number of suspected dengue cases in 2024 to EW 44, 2023 and average of the last 5 years. **Andean Subregion**

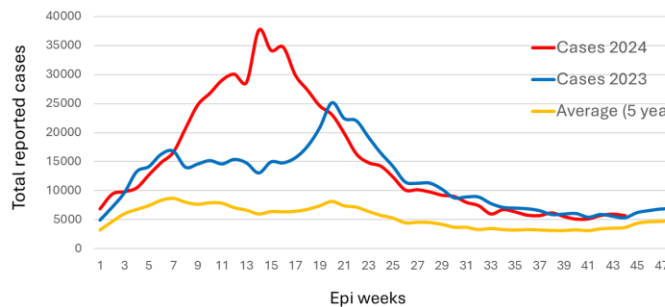
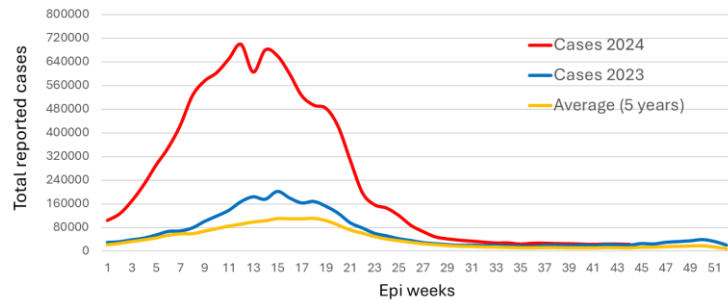


Figure 6. Total number of suspected dengue cases in 2024 to EW 44, 2023 and average of the last 5 years. **Southern Cone Subregion**



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 44



*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