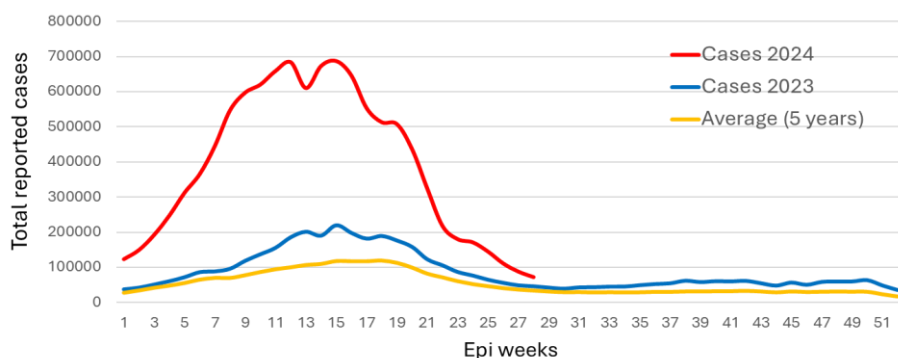


Report on the epidemiological situation of dengue in the Americas

As of epidemiological week 28, 2024. Update: Jul 31, 2024, 14:00 PM (GMT-5)

Between epidemiological weeks (EW) 1 and 28 of 2024, a total of 10,893,547 suspected cases of dengue were reported, resulting in a cumulative incidence of 1,154 per 100,000 population. This represents an increase of 233% compared to the same period in 2023 and 418% compared to the average of the last 5 years. Figure 1 shows the trend of suspected dengue cases as of EW 28.

Figure 1. Suspected dengue cases as of EW 28 in 2024 and 2023, and average of the last 5 years. Region of the Americas



Selected indicators

Corresponding to EW 28
23 countries reported cases
71,532 suspected cases
20,353 lab confirmed (28%)
159 severe dengue cases (0.2%)
16 deaths
0.022% case fatality rate (CFR)

Cumulative dengue cases as of EW 1 –28

10,893,547 suspected cases
5,738,156 lab confirmed (53%)
13,832 severe dengue cases (0.1%)
5,940 deaths
0.055% case fatality rate (CFR)

Out of the 10,893,547 reported dengue cases in the Region, 5,738,156 (53%) were laboratory-confirmed, and 13,832 (0.1%) were classified as severe dengue. A total of 5,940 fatalities have been recorded, resulting in a case fatality rate (CFR) of 0.055%.

In epidemiological week (EW) 28, twenty-three countries and territories within the region reported dengue cases, accounting for 71,532 new suspected cases. Of these, 159 (0.2%) were classified as severe dengue, and 16 deaths were reported, yielding a CFR of 0.022%. 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 28, 2024

Countries with reported cases of dengue to PAHO EW 28	Cases
Argentina	7,480
Brazil	35,193
Colombia	7,487
Costa Rica	458
Ecuador	1,338
El Salvador	241
Dominican Republic	154
French Guiana	74
Grenada	7
Guadeloupe	25
Guatemala	4,543
Guyana	1,739
Jamaica	12
Martinique	10
Mexico	10,299
Panama	749
Paraguay	333
Peru	1,348
Saint Barthelemy	1
Saint Lucia	2
Saint Martin	1
United States of America	36
Virgin Islands (US)	2
Total	71,532

Analysis by subregion

Central America and Mexico Subregion: In EW 28, a total of 16,290 new suspected dengue cases were registered. As of EW 28, the subregion exhibits a 119% increase compared to the same week in 2023 and a 193% increase compared to the average of the last five years (Figure 3). The cases reported this week by El Salvador represent a 16% increase, 14% for Guatemala, 4% for Panama, and 17% for Mexico compared to the previous four epidemiological weeks (Figure 2).

Caribbean Subregion: In EW 28, 214 new suspected dengue cases were registered. As of EW 28, the subregion shows a 271% increase compared to the same week in 2023 and a 164% increase compared to the average of the last five years (Figure 4).

Andean Subregion: In EW 28, 10,173 new suspected dengue cases were registered. As of EW 28, the subregion shows a 30% increase compared to the same week in 2023 and a 206% increase compared to the average of the last five years (Figure 5).

Southern Cone Subregion: In EW 28, 44,819 new suspected dengue cases were reported. As of EW 28, the Southern Cone subregion shows a 271% increase compared to the same week in 2023 and a 454% increase compared to the average of the last five years (Figure 6). The cases reported this week by Argentina represent a 168% increase and 15% for Guyana compared to the previous four epidemiological weeks (Figure 2).

Figure 2. Countries with an increase or decrease in dengue cases in EW 28 compared to the average of the last four weeks 2024



Figure 3. Total number of suspected dengue cases in 2024 to EW 28, 2023 and average of the last 5 years. Central America and Mexico Subregion

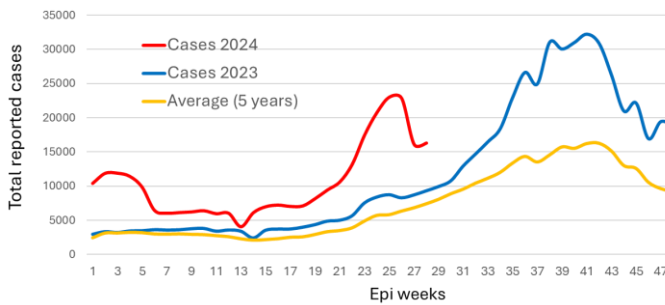


Figure 4. Total number of suspected dengue cases in 2024 to EW 28, 2023 and average of the last 5 years. Caribbean subregion

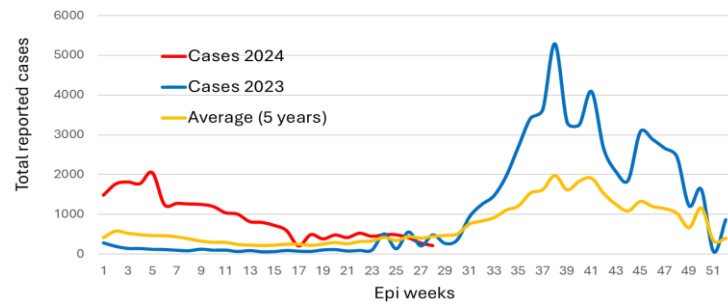


Figure 5. Total number of suspected dengue cases in 2024 to EW 28, 2023 and average of the last 5 years. Andean Subregion

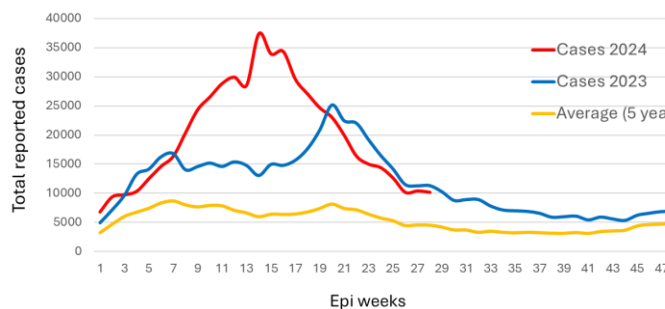
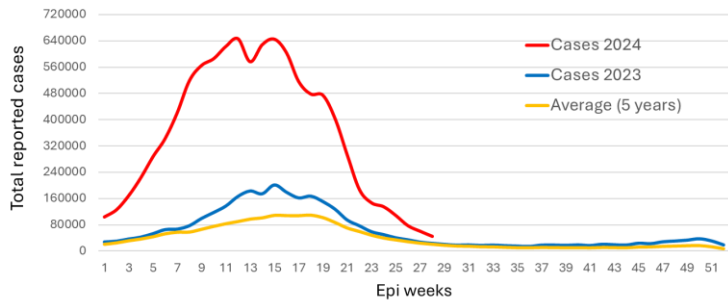


Figure 6. Total number of suspected dengue cases in 2024 to EW 28, 2023 and average of the last 5 years. Southern Cone Subregion



Twenty-eight 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 28



*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