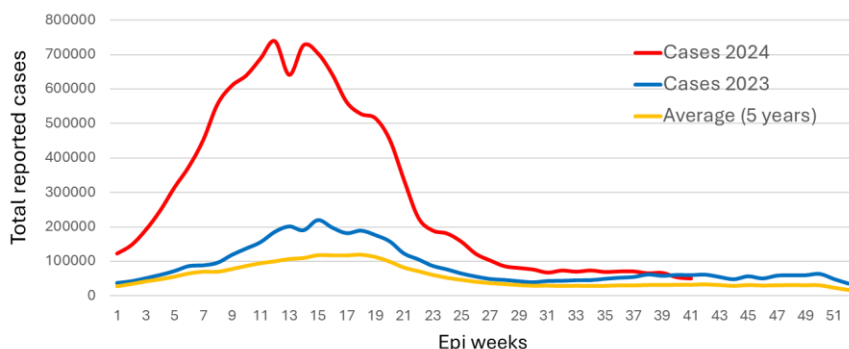


Report on the epidemiological situation of dengue in the Americas

As of epidemiological week 41, 2024. Update: October 31, 2024, 14:00 PM (GMT-5)R

Between epidemiological weeks (EW) 1 and 41 of 2024, a total of 12,167,392 suspected cases of dengue were reported, resulting in a cumulative incidence of 1,274 per 100,000 population. This represents an increase of 209% compared to the same period in 2023 and 387% compared to the average of the last 5 years. Figure 1 shows the trend of suspected dengue cases as of EW 41.

Figure 1. Suspected dengue cases as of EW 41 in 2024 and 2023, and average of the last 5 years. Region of the Americas



Selected indicators

Corresponding to EW 41
 17 countries reported cases
 50,749 suspected cases
 11,270 lab confirmed (22%)
 197 severe dengue cases (0.4%)
 24 deaths
 0.047% case fatality rate (CFR)

Cumulative dengue cases as of EW 1 – 41

12,167,392 suspected cases
 6,513,046 lab confirmed (53%)
 19,423 severe dengue cases (0.16%)
 7,292 deaths
 0.060% case fatality rate (CFR)

Out of the 12,167,392 reported dengue cases in the Region, 6,513,046 (53%) were laboratory-confirmed, and 19,423 (0.16%) were classified as severe dengue. A total of 7,292 fatalities have been recorded, resulting in a case fatality rate (CFR) of 0.060%.

In epidemiological week (EW) 41, 17 countries and territories within the region reported dengue cases, accounting for 50,749 new suspected cases. Of these, 197 (0.4%) were classified as severe dengue, and 24 deaths were reported, yielding a CFR of 0.047%. 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 41, 2024

Countries with reported cases of dengue to PAHO EW 41	Cases
Argentina	14
Brazil	14,576
Colombia	3,390
Ecuador	593
Dominican Republic	67
El Salvador	184
Grenada	24
Guadeloupe	550
Guatemala	2,643
Jamaica	13
Martinique	100
Mexico	27,057
Paraguay	502
Peru	1,015
Saint Lucia	12
Saint Martin (Fra)	4
Virgen Islands (US)	5
Total	50,749

Analysis by subregion

Central America and Mexico Subregion: In EW 41, a total of 29,884 new suspected dengue cases were registered. As of EW 41, the subregion exhibits a 96% increase compared to the same week in 2023 and a 185% increase compared to the average of the last five years (Figure 3).

Caribbean Subregion: In EW 41 775 new suspected dengue cases were registered. As of EW 41, the subregion shows a 5% decrease compared to the same week in 2023 and a 27% increase compared to the average of the last five years (Figure 4).

Andean Subregion: In EW 41, 4,998 new suspected dengue cases were registered. As of EW 41, the subregion shows a 24% increase compared to the same week in 2023 and a 183% increase compared to the average of the last five years (Figure 5). The cases reported this week by Peru represent an increment of 38% compared to the previous four epidemiological weeks (Figure 2).

Southern Cone Subregion: In EW 41, 15,092 new suspected dengue cases were reported. As of EW 41, the Southern Cone subregion shows a 264% increase compared to the same week in 2023 and a 442% increase compared to the average of the last five years (Figure 6). The cases reported this week by Paraguay represent an increment of 30% compared to the previous four epidemiological weeks (Figure 2).

Figure 2. Countries with an increase or decrease in dengue cases in EW 41 compared to the average of the last four weeks 2024

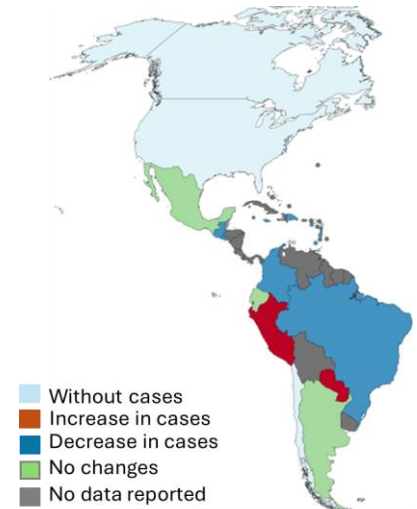


Figure 3. Total number of suspected dengue cases in 2024 to EW 41, 2023 and average of the last 5 years. **Central America and Mexico Subregion**

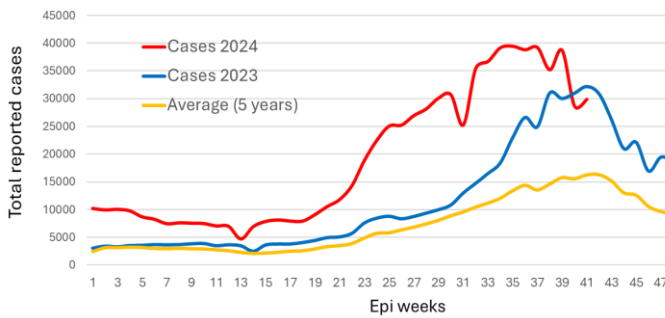


Figure 4. Total number of suspected dengue cases in 2024 to EW 41, 2023 and average of the last 5 years. **Caribbean subregion**

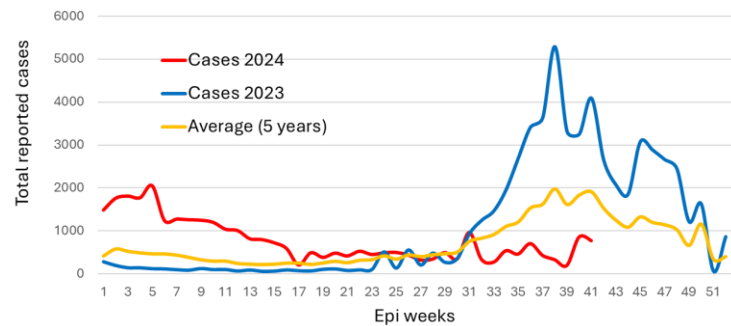


Figure 5. Total number of suspected dengue cases in 2024 to EW 41, 2023 and average of the last 5 years. **Andean Subregion**

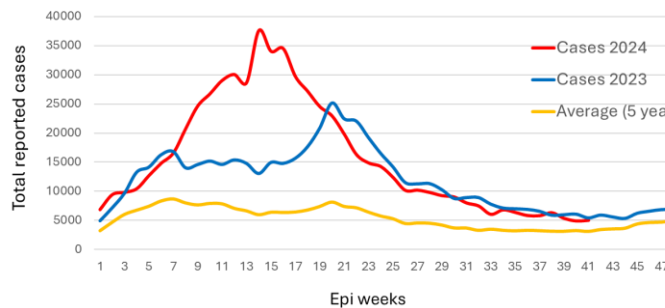
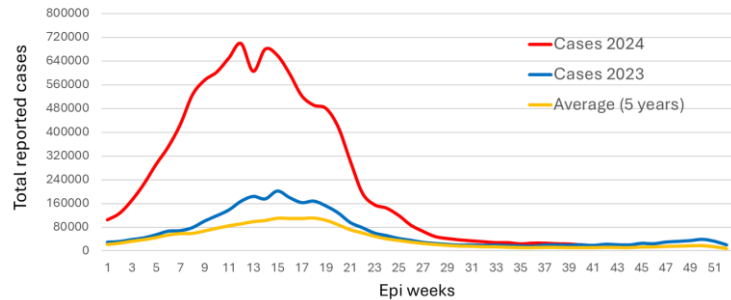


Figure 6. Total number of suspected dengue cases in 2024 to EW 41, 2023 and average of the last 5 years. **Southern Cone Subregion**



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 41



*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