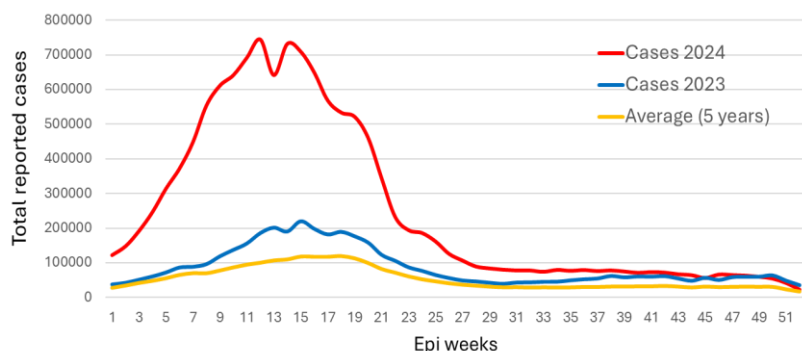


Report on the epidemiological situation of dengue in the Americas

As of epidemiological week 52, 2024. Update: January 16, 2024, 14:00 PM (GMT-5)

Between epidemiological weeks (EW) 1 and 52 of 2024, a total of 12,978,140 suspected cases of dengue were reported, resulting in a cumulative incidence of 1,359 per 100,000 population. This represents an increase of 182% compared to the same period in 2023 and 358% compared to the average of the last 5 years. Figure 1 shows the trend of suspected dengue cases as of EW 52.

Figure 1. Suspected dengue cases as of EW 52 in 2024 and 2023, and average of the last 5 years. Region of the Americas



Selected indicators

Corresponding to EW 52
 17 countries reported cases
 22,076 suspected cases
 5,793 lab confirmed (26%)
 108 severe dengue cases (0.5%)
 55 deaths
 0.249% case fatality rate (CFR)

Cumulative dengue cases as of EW 1 – 52

12,978,140 suspected cases
 6,867,682 lab confirmed (53%)
 22,544 severe dengue cases (0.17%)
 8,135 deaths
 0.063% case fatality rate (CFR)

Out of the 12,978,140 reported dengue cases in the Region, 6,867,682 (53%) were laboratory-confirmed, and 22,544 (0.17%) were classified as severe dengue. A total of 8,135 fatalities have been recorded, resulting in a case fatality rate (CFR) of 0.063%.

In epidemiological week (EW) 52, 17 countries and territories within the region reported dengue cases, accounting for 22,076 new suspected cases. Of these, 108 (0.5%) were classified as severe dengue, and 55 deaths were reported, yielding a CFR of 0.249%. 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 52, 2024

Countries with reported cases of dengue to PAHO EW 52	Cases
Argentina	17
Bolivia	796
Brazil	9,295
Colombia	3,377
Ecuador	719
El Salvador	92
Guadeloupe	440
Guyana	26
Honduras	295
Martinique	30
Mexico	3,104
Nicaragua	1,315
Panama	431
Paraguay	761
Peru	1,345
Saint Barthelemy	10
Saint Lucia	23
Total	22,076

Analysis by subregion

Central America and Mexico Subregion: In EW 52, a total of 5,237 new suspected dengue cases were registered. As of EW 52, the subregion exhibits a 74% 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 52, 503 new suspected dengue cases were registered. As of EW 52, the subregion shows a 33% 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 52, 6,237 new suspected dengue cases were registered. As of EW 52, the subregion shows a 19% increase compared to the same week in 2023 and a 161% increase compared to the average of the last five years (Figure 5). The cases reported this week by Bolivia represent an increment of 19% compared to the previous four epidemiological weeks (Figure 2).

Southern Cone Subregion: In EW 52, 10,099 new suspected dengue cases were reported. As of EW 52, the Southern Cone subregion shows a 236% increase compared to the same week in 2023 and a 425% 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 52 compared to the average of the last four weeks 2024

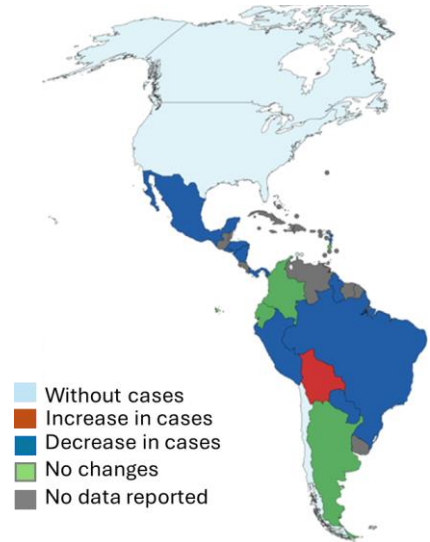


Figure 3. Total number of suspected dengue cases in 2024 to EW 52, 2023 and average of the last 5 years. **Central America and Mexico Subregion**

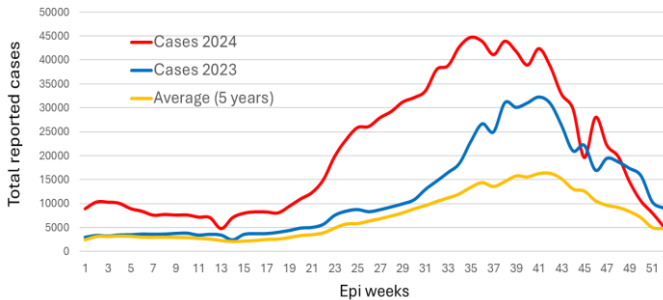


Figure 4. Total number of suspected dengue cases in 2024 to EW 52, 2023 and average of the last 5 years. **Caribbean subregion**

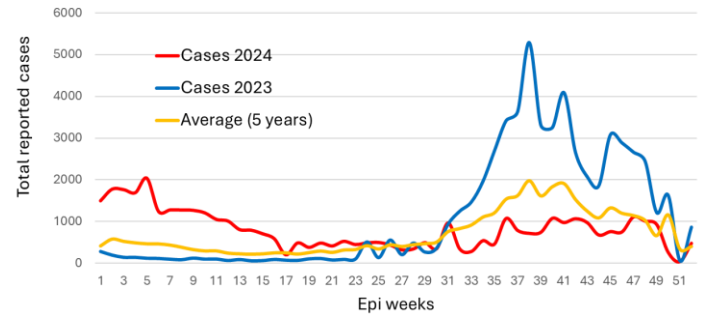


Figure 5. Total number of suspected dengue cases in 2024 to EW 52, 2023 and average of the last 5 years. **Andean Subregion**

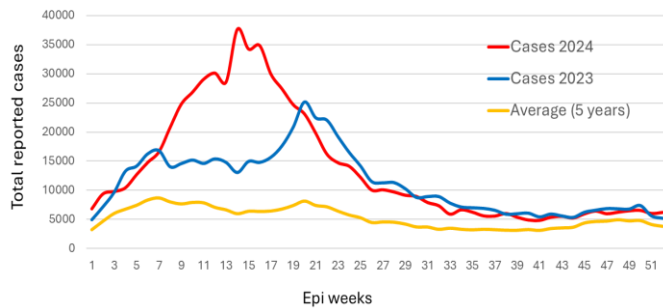
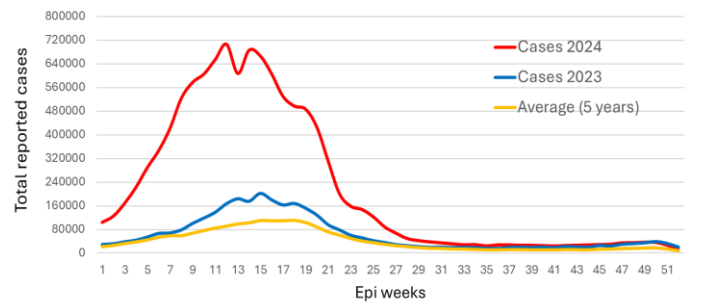


Figure 6. Total number of suspected dengue cases in 2024 to EW 52, 2023 and average of the last 5 years. **Southern Cone Subregion**



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 52



***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