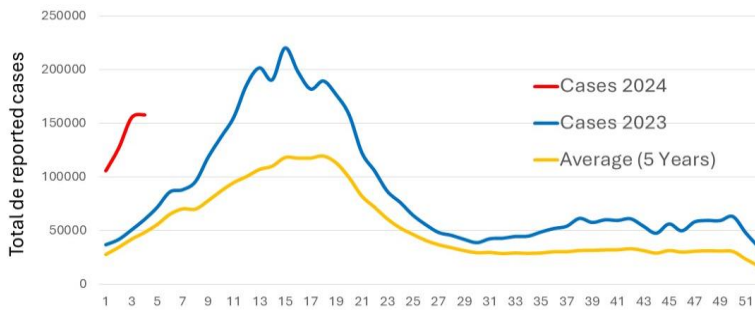


Report on the epidemiological situation of dengue in the Americas

As of epidemiological week 4, 2024. Update: Feb 08 2024 14:00 PM (GMT-5)

Between epidemiological weeks (EW) 1 and 4 of 2024, a total of 550,277 suspected cases of dengue were reported, resulting in a cumulative incidence of 66 per 100,000 population. This figure represents an increase of 189% compared to the same period in 2023 and 263% compared to the average of the last 5 years. Graph 1 shows the trend of suspected dengue cases as of EW 4.

Figure 1. Total number of suspected dengue cases as of EW 4 in 2024, 2023 and average of the last 5 years. Region of the Americas.



Selected indicators

Corresponding to EW 4

21 countries with reported data
160,135 suspected cases
38,545 lab confirmed (24%)
126 severe dengue cases (0.1%)
9 deaths
0.005% case fatality rate

Cumulative dengue cases as of EW 1 – 4

550,277 suspected cases
161,252 lab confirmed (29%)
577 severe dengue cases (0.1%)
68 deaths
0.012% case fatality rate

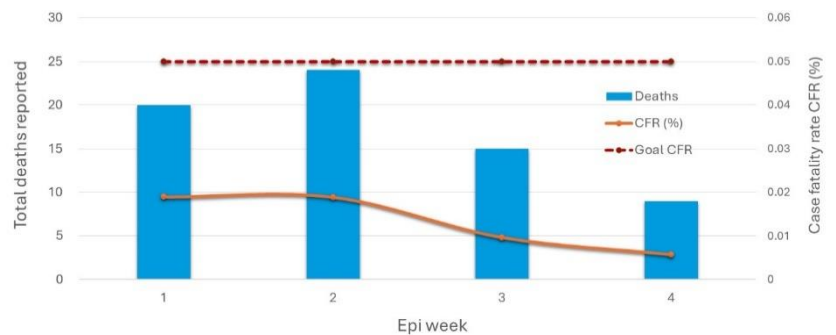
Out of the 550,277 cases of dengue reported in the Region in 2024, 161,252 (29%) cases were confirmed by laboratory, and 577 (0.1%) cases were classified as severe dengue. A total of 68 deaths have been registered, (case fatality rate of 0.012%).

Twenty one countries and territories of the Region have updated their epidemiological information up to EW 4. These countries accounted for 160,135 new suspected cases of dengue in EW 4. The details of cases by country are shown in figure 2. Of the total cases reported in week 4, 126 (0.1%) were classified as severe dengue, and 9 deaths and a case fatality rate of 0.005% were reported. Figure 3 shows deaths and case fatality rate by notification date.

Figure 2. Countries and territories of the Americas with report to PAHO and cases of dengue in EW 4, 2024.

Countries reporting to PAHO EW 4	Cases
Aruba	0
Bolivia	1,728
Bonaire, Saint Eustatius	18
Brazil	123,249
Canada	0
Colombia	5,957
Curacao	10
Grenada	3
Guatemala	999
French Guiana	2,268
Mexico	2,172
Nicaragua	3,532
Panama	408
Paraguay	17,229
Peru	2,522
Puerto Rico	22
Saint Kitts and Nevis	6
Saint Maarten	9
Saint Lucia	0
United States of America	3
Virgen Islands (USA)	0
Total	160,135

Figure 3. Total number of deaths and case fatality rate from dengue in EW 4 in 2024. Region of the Americas



Analysis by subregion

Central America and Mexico subregion. A total of 7,111 new suspected cases of dengue were registered in EW 4. The subregion presents an increase of 183% compared to the same week in 2023 and 207% compared to the average of the last 5 years, extending beyond the traditional season of transmission. (Figures 3 and 5).

Caribbean subregion. 2,336 new suspected cases of dengue are registered in EW 4. The subregion presents an increase of 677% compared to the same week in 2023 and 201% compared to the average of the last 5 years. French Guiana presents an increase in cases of 66% with respect to the four previous epidemiological weeks (Figures 4 and 6).

Andean subregion. In EW 4, 10,207 new suspected cases of dengue were registered. The subregion presents an increase of 1% compared to the same week in 2023 and 75% compared to the average of the last 5 years. Bolivia presents an increase in cases of 56%, Colombia of 23% and Peru of 24% with respect to the four previous epidemiological weeks (Figures 4 and 7).

Southern Cone subregion. 140,478 new suspected cases of dengue are reported in the EW4. This week, the Southern Cone subregion presents an increase of 235% compared to the same week in 2023 and 304% compared to the average of the last 5 years. Brazil shows an increase of 73% and Paraguay of 8% in cases with respect to the four previous epidemiological weeks (Figures 4 and 8).

Figure 4. Countries with an increase or decrease in dengue cases in EW 4 compared to the average of the last four weeks 2023-2024

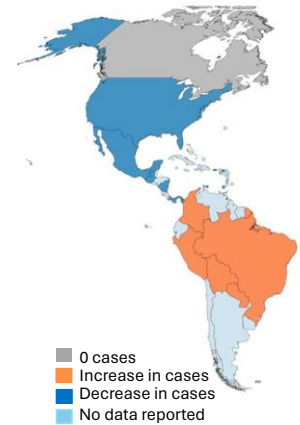


Figure 5. Total number of suspected dengue cases in the EW 4 in 2024, 2023 and average of the last 5 years. Subregion of Central America and Mexico.

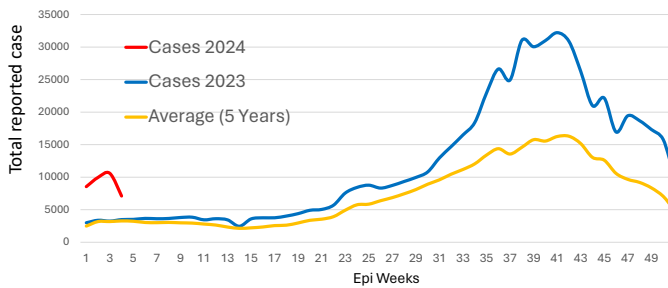


Figure 6. Total number of suspected dengue cases in the EW 4 in 2024, 2023 and average of the last 5 years. Caribbean subregion.

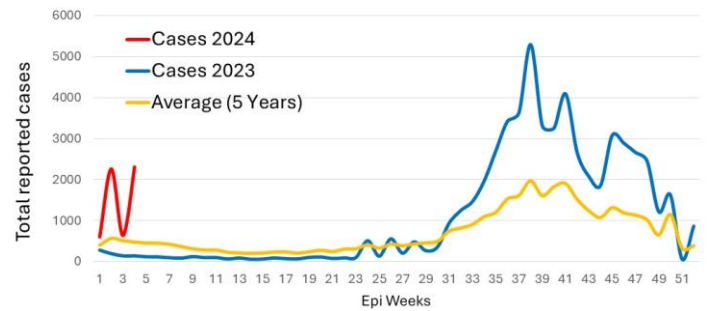


Figure 7. Total number of suspected dengue cases in the EW 4 in 2024, 2023 and average of the last 5 years. Andean Subregion.

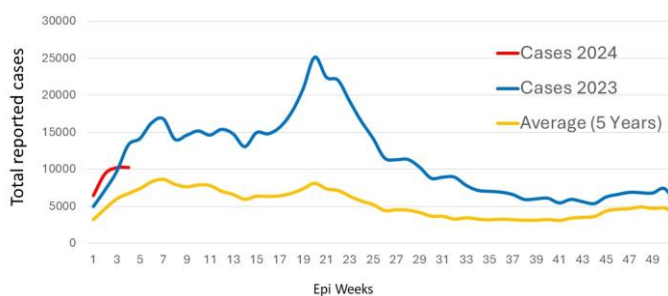
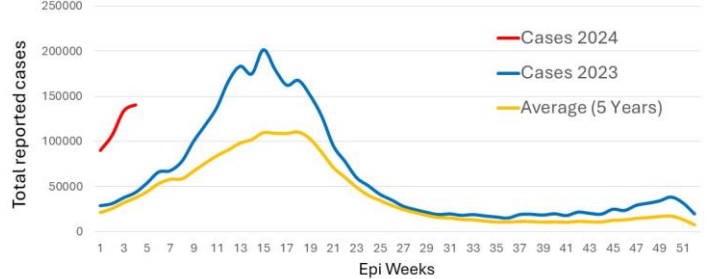
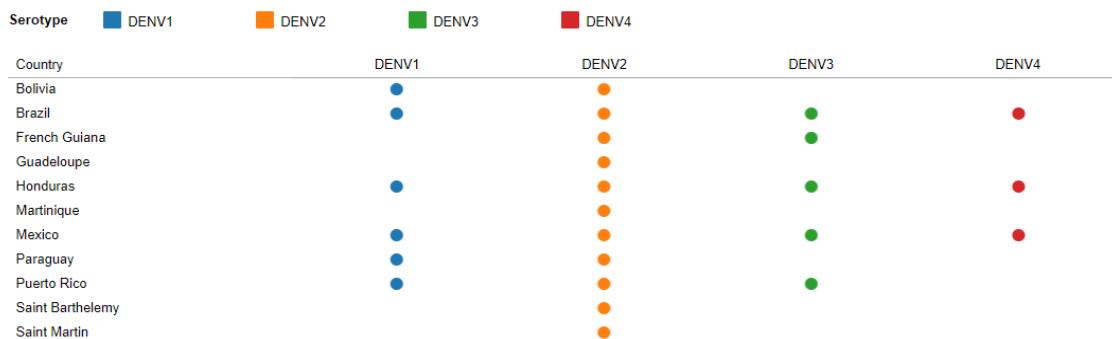


Figure 8. Total number of suspected dengue cases in the EW 4 in 2024, 2023 and average of the last 5 years. Southern Cone Subregion



The circulation of 4 serotypes of dengue is identified in the Americas and simultaneously in Brazil, Honduras and Mexico. Bolivia and Paraguay are reporting the detection of DENV-1 and DENV-2, French Guiana has detected DENV-2 and DENV-3, and Guadeloupe, Martinique, Saint Martin and Saint Berthelemy have detected DENV-2 (See figure 9).

Figure 9. Geographic distribution of serotypes in the Region of the Americas, 2024 EW4



***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.