

# Dengue in the Americas

Source note: cases, severe cases, deaths, and rates

## Scope

This Data Story uses only the validated dengue v1.1 material already included in the WSI Step 13B website package. No new source dataset or country table was acquired.

| Measure                  | Value     | Interpretation                           |
|--------------------------|-----------|------------------------------------------|
| Reported suspected cases | 4,459,521 | Broad surveillance reporting denominator |
| Reported confirmed cases | 1,682,588 | Subset of suspected cases                |
| Reported severe cases    | 8,966     | Subset of suspected cases                |
| Reported deaths          | 2,207     | Outcome reported separately              |
| Case-fatality rate       | 0.05%     | PAHO rounded regional rate               |

## Derived ratios

Confirmed share = 37.730241%. Severe share = 0.201053%. Deaths divided by suspected cases = 0.049490%, which reproduces PAHO's rounded 0.05% rate.

## Interpretation rules

Confirmed and severe cases are subsets of suspected cases and must not be added to the suspected total. Deaths are outcomes, not another mutually exclusive case category. The rates shown are ratios among reported suspected cases, not population incidence or mortality rates. Selected country figures are rounded contextual highlights, not a complete country ranking.

## Validated source files

WSI\_Dengue\_Americas\_2025\_Evidence\_and\_USU\_Pilot\_v1.1.pdf

WSI\_Dengue\_Americas\_2025\_Public\_Brief\_v1.1.pdf

WSI\_Dengue\_Americas\_2025\_USU\_Pilot\_Technical\_Note\_v1.1.pdf

## Official source references

PAHO update dated 20 February 2026; PAHO Annual Report 2025 health-security page; PAHO dengue data-and-analysis portal; PAHO/EIH regional open-data interface. URLs are recorded in the machine-readable source metadata included in the package.

## USU separation

The approved experimental cumulative USU pilot remains unchanged. Its central estimate is approximately 45.4 million USU and its deterministic mapping range is 18.2-95.5 million USU. The model is secondary to the Data Story and does not combine the source measures.

## Registry update

WSI-SMR-v1.1.0 adds seven dengue measure profiles, one PAHO source release, thirteen observations, fourteen relationships, seven entities, four charts, fourteen chart-series records, and one Data Story content record. All prior v1.0.0 registry records are preserved unchanged.