**Tables**

**Table 1: Comparing the dengue cases, deaths, and case fatality ratio (CFR) of dengue in 2024 by continent. Data were collected from WHO’s global dengue surveillance system. (**[**https://worldhealthorg.shinyapps.io/dengue\_global/**](https://worldhealthorg.shinyapps.io/dengue_global/) **)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Continents** | **Cases** | **Deaths** | **Cases/M** | **Deaths/M** | **CFR (%)a** |
| Africa | 168,851 | 152 | 85,882.02 | 15.96 | 0.09 |
| Antarctica | 0 | 0 | -- | -- | -- |
| Asia | 884,402 | 1,008 | 23,009.60 | 15.78 | 0.11 |
| Europe | 308 | 0 | 5.12 | 0.00 | 0.00 |
| North America | 1,143,046 | 935 | 203,246.70 | 61.24 | 0.08 |
| Oceania | 9,648 | 0 | 19,863.54 | 0.00 | 0.00 |
| South America | 11,921,180 | 7,413 | 240,857.36 | 118.48 | 0.06 |
| **Total/ average** | **14,127,435** | **9,508** | **5,455.85** | **4.81** | **0.07** |

Cases/M: cases per million people; Deaths/M: deaths per million people; CFR: case fatality ratio.

a The total number of cases and deaths is presented, with the case fatality rate (CFR) calculated as total deaths divided by total cases, expressed as a percentage. The averages are provided for Cases/M and Deaths/M.

**Table 2: Country-level factors associated with dengue cases, deaths, and case–fatality rate, with national-level explanatory variables using a multiple linear regression model between 1 January 2024 and 31 December 2024. Data were collected from the WHO’s global dengue surveillance system (**[**https://worldhealthorg.shinyapps.io/dengue\_global/**](https://worldhealthorg.shinyapps.io/dengue_global/) **)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Country-level factors | Cases/M |  | Deaths/M | | CFR (%) | |
|  | IRR (95% CI) | *p*-value | IRR (95% CI) | *p*-value | IRR (95% CI) | *p*-value |
| Aged 65 and above (%) | 1.04 (1.04 - 1.05) | *<0.001* | 1.04 (1.01 - 1.07) | *0.005* | 1.18 (0.95 – 1.52) | *0.147* |
| Urban population (%) | 1.01 (1.01 - 1.02) | *<0.001* | 1.01 (0.99 - 1.01) | *0.810* | 1.06 (0.99 – 1.15) | *0.104* |
| Population density | 1.01 (1.01 - 1.02) | *<0.001* | 1.01 (0.99 - 1.01) | *0.082* | 1.01 (0.99 - 1.01) | *0.630* |
| Obesity (%) | 1.01 (1.01 - 1.02) | *<0.001* | 1.02 (0.99 - 1.05) | *0.217* | 0.83 (0.69 – 0.98) | *0.039* |
| Average annual temperature | 1.21 (1.21 - 1.22) | *<0.001* | 1.21 (1.16 - 1.26) | *<0.001* | 1.06 (0.90 - 1.46) | *0.562* |
| Total Rainfall | 1.01 (1.01 - 1.02) | *<0.001* | 1.01 (1.01 - 1.02) | *<0.001* | 1.01 (0.99 - 1.01) | *0.532* |
| Air Quality Index | 1.01 (1.01 - 1.02) | *<0.001* | 1.01 (1.01 - 1.02) | *0.007* | 1.01 (0.98 – 1.04) | *0.484* |
| Hemisphere (Southern) | 2.08 (1.96 – 2.20) | *<0.001* | 5.95 (4.19 – 8.46) | *<0.001* | 0.13 (0.01 – 1.79) | *0.199* |

CI: confidence interval; IRR: incidence risk ratio; Cases/M: cases per million people; Deaths/M: deaths per million people.