



# THE GLOBAL BURDEN OF DENGUE

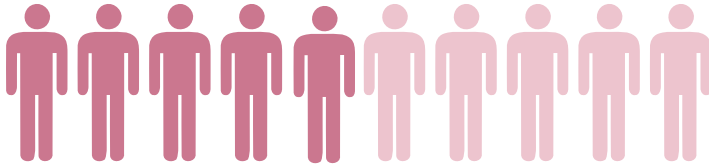
## What Is Dengue?



Dengue is a rapidly spreading mosquito-borne viral disease, carried by the *Aedes aegypti* and *Aedes albopictus* mosquitos.<sup>1</sup>

Dengue is caused by any of the four dengue virus types (a.k.a. serotypes), each of which can cause dengue fever or a potentially lethal complication called severe dengue.<sup>1</sup>

## Who Does Dengue Affect?

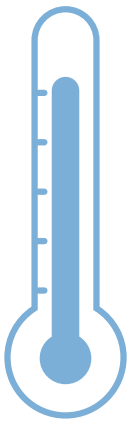


Dengue can infect people of all ages, and **half of the world's population** is at risk of contracting dengue.<sup>1</sup>

Since 1970, dengue has spread from **9 to 120+ countries.**<sup>1</sup>

Approximately  
**400 million**

dengue infections occur globally on an annual basis,<sup>1</sup> and there are more than 20,000 dengue-related deaths each year around the world.<sup>2</sup>



Dengue outbreaks are observed in tropical and sub-tropical areas, and have recently caused outbreaks in parts of mainland U.S. and Europe.<sup>1</sup>

Dengue has expanded in recent years due to **urbanization, air travel, population growth and climate change.**<sup>1,2</sup>



## References

<sup>1</sup> World Health Organization. Dengue and Severe Dengue. 2017. Retrieved August 2017. <http://www.who.int/mediacentre/factsheets/fs117/en/>

<sup>2</sup> Murray NE, et. al. Epidemiology of dengue: past, present and future prospects. 2013. Retrieved August 2017. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3753061/>