

Denglie Facts & Figures

Dengue: The Fastest Growing Endemic Disease











30-fold increase in global incidence over last 50 years

A Global Threat

2 levels of disease infection:

// Dengue // Severe dengue (DHF*1 and DSS*2)

3.9 billion people at risk

390 million dengue infections a year

500,000 cases of severe dengue a year

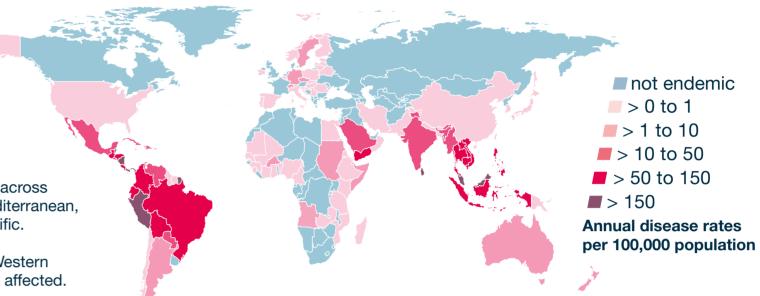
2.5% die from severe dengue

128 countries impacted by dengue

Dengue affects mainly thetropical and subtropical areas of the world and spreads mostly in urban and semi-urban areas.

Endemic in more than 100 countries across Africa, the Americas, the Eastern Mediterranean, Southeast-Asia, and the Western Pacific.

The Americas, Southeast-Asia, and Western Pacific regions are the most seriously affected.



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Causes behind Dengue Expansion



Climate change



Unplanned



Poor sanitation



Movement of goods

Increase of dengue cases versus investments into dengue vector control solutions



Investment made into dengue*3 vector control











2016

Existing Solutions to Fight Dengue and Challenges







Curative

Under-reporting and misdiagnosis of cases

Lack of specific anti-viral + drugs to treat dengue infections

+

Insecticide resistance (declining efficiency of vector control solutions)

Effective vector control measures

are a key element in dengue prevention and control

Our Involvement in the Fight against Dengue

5-fold increase in our investment into vector control over the last 10 years **Expertise Solutions Education Vector Control**

Partnership

Expertise:

// Over 60 years of expertise in vector control

// A global team of over 50 people

Solutions:

// 3 of 9 space sprays recommended by WHO come from Bayer

// Developing a new generation of vector control solutions including Fludora® Co-Max, the first combination product to combat resistance with an estimated market entry in 2019

Education:

// Use of digital tools such as Bayer Mosquito Learning Lab and Mosquito Quest to increase public awareness of the role they play in managing dengue

Partnership:

// Collaborating with international organizations, foundations, academia and government agencies

Advocacy:

// Awareness campaigns, influencing public policy and resource allocation, media campaigns and tools, public speaking, committee work and publishing research, etc.

Advocacy