

Yellow fever





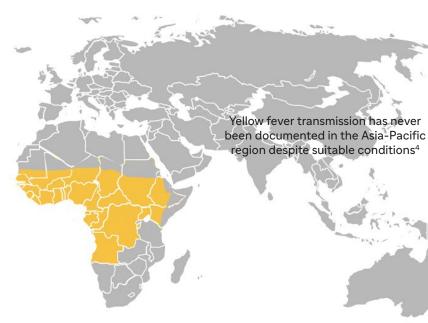




Yellow fever is a mosquito-borne disease transmitted to humans by Aedes and Haemagogus mosquitoes¹

29 countries in Africa and 13 countries in South America are at risk of Yellow Fever transmission² (WHO, as of November 2022) 109,000 severe infections and 51,000 deaths estimated in Africa and South America in 2018³





Countries/regions where vaccination is recommended¹²







Climate change, globalization, population growth, and urbanization may impact the spread of the virus⁵



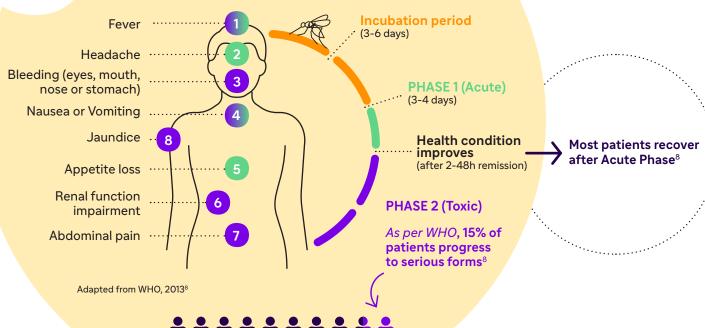
About half of the world's population may be exposed to potentially disease-spreading mosquitoes by 20506





Yellow Fever Common Symptoms

Infection with the yellow fever virus can be asymptomatic or cause a wide spectrum of disease, from mild symptoms to severe illness⁷





Travel-risks

Evolution among serious forms





• As per US CDC¹⁰, for a 2-week stay in an endemic area, the estimated risks† for illness or death (per 100,000 people) due to yellow fever for an unvaccinated traveler are:



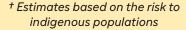
West Africa:

- 50 cases/100,000
- 10 deaths/100,000

South America:

- 5 cases /100,000
- 1 death/100,000







• According to WHO¹¹, Yellow fever is the only disease listed in the International Health Regulations for which proof of YF vaccination is required as a condition of entry in several countries2including airport transfers²