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

Yellow fever transmission has never been documented in the Asia-Pacific region despite suitable conditions⁴

Countries/regions where vaccination is recommended¹²

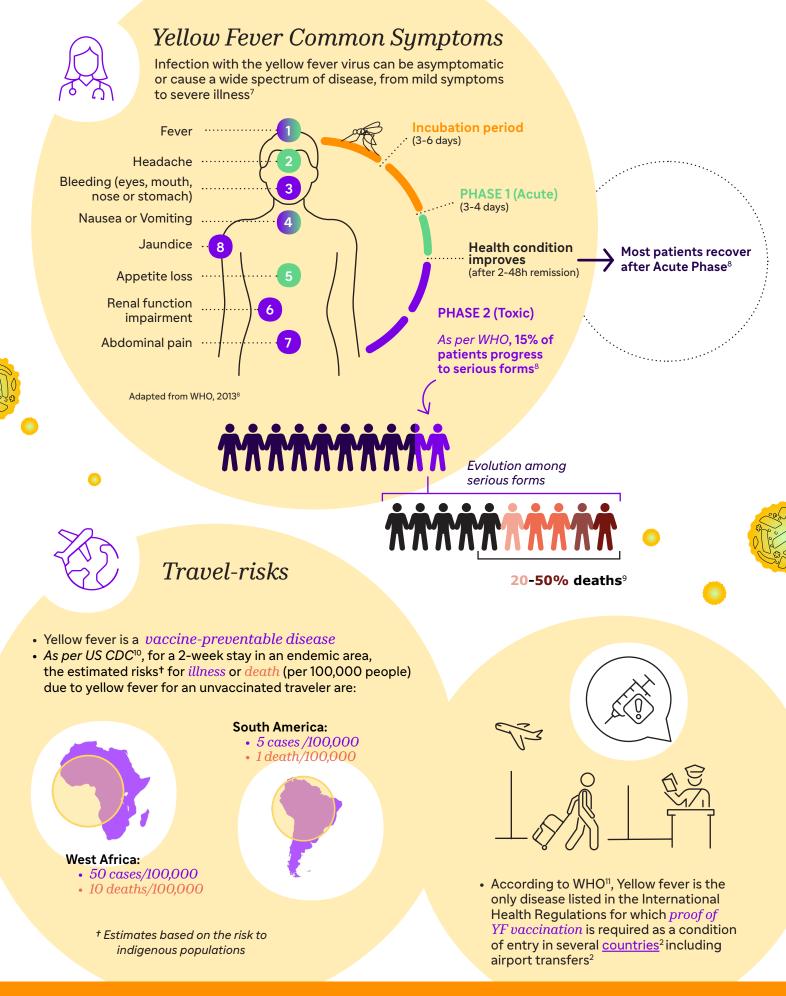


Climate change, globalization, population growth, and urbanization may impact the spread of the virus⁵



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

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References

1. Staples JE, et al. 2018 Plotkin's Vaccines, 7th edition, Chapter 63 Yellow fever vaccines pp:1181–1265.e20. 2. World Health Organization. Countries with risk of yellow fever ramsission and countries requiring yellow fever vaccination https://www.who.int/publications/m/item/countries-with-risk-of-yellow-fever-transmission-and-countries-requiring-yellow-fever-vaccination-(november-2022). Accessed April 2023. 3. Gaythorpe K et al. The global burden of yellow fever ransforms/m/item/countries-with-risk-of-yellow-fever-transmission-and-countries-requiring-yellow-fever-vaccination-(november-2022). Accessed April 2023. 3. Gaythorpe K et al. The global burden of yellow fever et al. Fue Absence of Yellow Fever in Asia: History, Hypotheses, Vector Dispersal, Possibility of YF in Asia, and Other enigmas. Viruses 2020, 12, 1349. 5. Gianchecchi E, et al. Yellow Fever: Origin, Epidemiology, Preventive Strategies and Future Prospects. Vaccines, 2022. 10, 372: 1-16. 6. Kreamer M, et al. Past and future spread of the arbovirus vectors Aedes aegypti and Aedes albopictus. Nature Microbiol, 2019. 4: 854-63. 7. Garske T, et al. Yellow Fever in Africa: Estimating the Burden of Disease and Impact of Mass Vaccination from Outbreak and Serological Data. PLoS Med. 2014; 11(5): e1000638. 8. World Health Organization - WHO position paper on Yellow fever raccines. Weekly epidemiological record, No. 27, 5 july 2013. 9. Monath TP. & Vasconcelos PF. Yellow fever. J clin Virol., 2015. 64:160–173. 10. CDC yellow book: Yellow Fever - Chapter 4 - 2020 Yellow Book | Travelers' Health | CDC. 11. World Health Organization. Yellow fever vaccines. Weekly epidemiological record, No. 27, 5 july 2019. 4: Seesee April 2023. 12. CDC yellow book 2024: Yellow Fever available at https://wwwnc.cdc.gov/travel/yellowbook/2024/infections-diseases/ellow-fever - Accessed July 2033.