

20 Dec 2017

Country-specific dengue recommendations 2017

NaTHNaC has updated the country-specific recommendations for dengue

NaTHNaC has recently reviewed and updated the dengue country-specific information and recommendations. This review was based on the Center for Disease Control review of 2005-2015 data [1] and additional published data from January 2016 to March 2017 [2-13]. Travel-associated dengue cases in the UK, 2012-2016, were also reviewed. Both reviews have focussed on evidence of local mosquito-borne dengue transmission.

Nine new countries have recommendations as a result of this review:

- Afghanistan
- Bermuda
- Croatia
- Djibouti
- France
- Iran
- Mauritania
- Oman
- St Martin (France)

Specific regional details have been included if available and confirmed for those countries where only part of a country is known to be affected.

There was no evidence of local dengue transmission in either of the reviews for Botswana, Christmas Island (Australia), Guam, and Wake Island. The country-specific dengue recommendations have been removed for these countries. Travellers to these countries should continue to use good [insect bite prevention measures](#).

In conjunction with the review, the [dengue factsheet](#) with advice for both travellers and health professionals has also been revised.

The latest news about larger dengue outbreaks can be found on the [Outbreak Surveillance database](#).

Resources

- [Dengue factsheet](#)
- [WHO dengue factsheet](#)
- [ECDC dengue resources](#)

References

1. [Gubler DJ. New Treatment strategies for dengue and other flaviviral diseases: Dengue/dengue haemorrhagic fever: history and current status. Novartis Found Symp. 2006; 277:3-16; discussion 16-22, 71-3, 251-3. \[Accessed 18 December 2017\]](#)

2. [World Health Organization. Dengue and severe dengue. Fact sheet. Updated April 2017. \[Accessed 18 December 2017\]](#)
3. [Jelinek T. Dengue Fever in International Travelers. Clin Infect Dis. July 2000; 31:144-7. \[Accessed 18 December 2017\]](#)
4. [Bhatt S, Brady OJ, Messina JP, et al. The global distribution and burden of dengue. Nature 2013; 496: 504-7](#)
5. [Jentes ES, Lash RR, Johansson MA et al. Evidence-based risk assessment and communication: a new global dengue-risk map for travellers and clinicians. J Travel Med. 23. doi:10.1093/jtm/taw062. November 2016. \[Accessed 18 December 2017\]](#)
6. [Rezza G. 2016. Dengue and other Aedes-borne viruses: a threat to Europe? Eurosurveillance 21:21. May 2016. \[Accessed 18 December 2017\]](#)
7. [Schmidt-Chanasit J, Haditsch M, Schöenberg I et al. Dengue virus infection in a traveller returning from Croatia to Germany. Eurosurveil. 15\(40\): October 2010. \[Accessed 18 December 2017\]](#)
8. [Succo T, Leparco-Goffart I, Ferré JB et al. Autochthonous dengue outbreak in Nîmes, South of France, July to September 2015. Eurosurveil. 21\(21\) May 2016. \[Accessed 18 December 2017\].](#)
9. [European Centres for Disease Prevention and Control. Surveillance, prevention and control of dengue in Madeira: lessons learnt after the 2013 ECDC mission. March 2014. \[Accessed 18 December 2017\]](#)
10. [Frank C, Höhle M, Stark K, Lawrence J. More reasons to dread rain on vacation? Dengue fever in 42 German and United Kingdom Madeira tourists during autumn 2012. Eurosurveillance. 4 April 2013;18 \[Accessed 18 December 2017\]](#)
11. [World Health Organization. Africa. Weekly Bulletin on Outbreaks and other Emergencies. Wk 49. 2-9 Dec 2017. \[Accessed 18 December 2017\]](#)
12. [P Gautret P, Cramer JP, Field V et al. Infectious Diseases among travellers and migrants in Europe. EuroTravNet 2010. Eurosurveillance June 2012; 17:26:16-26. \[Accessed 18 December 2017\]](#)
13. [Wilder-Smith A. Dengue infections in travellers. Paediatr Int Child Health. May 2012; 32 Suppl 1:28-32. \[Accessed 18 December 2017\]](#)
14. [Massad E, Rocklöv J, Wilder-Smith A. Dengue infections in non-immune travellers to Thailand. Epidemiol Infect. April 2012 24:1-6. \[Accessed 18 December 2017\]](#)
15. [Freedman DO, Weld LH, Kozarsky PE, et al. Spectrum of disease and relation to place of exposure among ill returned travelers. NEJM January 2006; 354:119-30. \[Accessed 18 December 2017\]](#)
16. [Public Health England. Dengue reported in England, Wales and Northern Ireland: 2014. Travel and Migrant Health Section, National Infections Service. November 2015. \[Accessed 18 December 2017\]](#)
17. [Yacoub S, Farrar J. Arboviral Infections in Farrar et al \(eds\) Manson's Tropical Diseases. 23rd Edition. Edinburgh; WB Saunders: 2014.](#)
18. [Sharp TM, Perez-Padilla J and Waterman SH. Margolis HS. Dengue. Chapter 3 In. Health Information for International Travel May 2017. Centers for Disease Control and Prevention. \[Accessed 18 December 2017\]](#)
19. [World Health Organization and Special Programme for Research and Training in Tropical Diseases. Handbook for clinical management of dengue. November 2012. \[Accessed 18 December 2017\]](#)
20. [Public Health England. Dengue fever: guidance, data and analysis. November 2015. \[Accessed 18 December 2017\]](#)
21. [Neumayr A, Muñoz J, Schunk M et al. Sentinel surveillance of imported dengue via travellers to Europe 2012 to 2014: TropNet data from the DengueTools Research Initiative. Eurosurveillance 22:1. January 2017. \[Accessed 18 October 2017\]](#)
22. [World Health Organization. Immunization, Vaccines and Biologicals. Dengue vaccine research. June 2017. \[Accessed 18 December 2017\]](#)
23. [Lim SK, Lee YS, Namkung S et al. Prospects for dengue vaccines for travelers. Clin Exper](#)

- [Vaccine Res. July 2016;5\(2\):89-100. \[Accessed 18 December 2017\]](#)
24. [World Health Organization. Global strategy for dengue prevention and control 2012-2020. August 2012. \[Accessed 18 December 2017\]](#)
 25. [World Health Organization. Updated Questions and Answers related to information presented in the Sanofi Pasteur press release on 30 November 2017 with regards to the dengue vaccine Dengvaxia® \[Accessed 18 December 2017\]](#)