

OCTOBER 2018

Zika virus disease in India



New
location



Local spread
likely



International
spread
possible



SITUATION OVERVIEW

- An outbreak of Zika virus disease (ZVD) is occurring in the Indian state of Rajasthan, with cases concentrated in the Shastri Nagar neighbourhood of Jaipur
- As of 17 October 2018, 94 confirmed cases have been reported in the region, including 22 in pregnant women

REASONS FOR CONCERN

- Jaipur is a major tourist attraction for both domestic and foreign visitors, raising concern that visitors will acquire infection and import it to new locations
- Most cases of ZVD are asymptomatic, so the outbreak may be much larger than reported
- Zika virus infection during pregnancy can lead to birth defects, including microcephaly

OUTLOOK

- Mumbai, Bangaluru, and Kolkata receive the most domestic air passengers from Jaipur, and would be vulnerable to ongoing Zika transmission if cases were exported there
- Based on the number of reported cases and the number of air passengers from Jaipur, there is a low risk of international spread via air travel
- Dubai, Muscat, and Singapore receive the most international passengers and should be prepared to see imported ZVD cases if the outbreak is not controlled