Case definitions

Suspected case:

A patient presenting with rash (usually maculopapular and pruritic) and/or fever and at least one of the following signs or symptoms:

- conjunctivitis (non-purulent/hyperaemic),
- arthralgia;
- myalgia;*

Probable case:

Patient who meets the criteria of a suspected case, and has anti-ZIKV IgM antibodies, with negative laboratory results for other flaviviruses.

Confirmed case:

Patient who meets the criteria for a suspected case and has laboratory confirmation of recent ZIKV infection, with presence of:

- ZIKV RNA or ZIKV antigen in serum samples or other specimens (e.g., urine, saliva, tissue, whole blood, or cerebrospinal fluid [CSF]) *(Excluding abortion or stillbirth)* or
- positive anti-ZIKV IgM antibodies and plaque reduction neutralization test (PRNT) for ZIKV titers ≥ 10 in the absence of titers for other flaviviruses *(The test is done on paired samples of probable cases with positive anti-ZIKV IgM antibodies)*.

- In cases of death *(Excluding abortion or stillbirth)* molecular detection of the viral genome in autopsy tissue (fresh or in paraffin) with in situ hybridization tests.
WHO surveillance case definition


Data collection tools

- Case investigation forms:
  - Annex 9. Form for reporting microcephaly and other neurological conditions that may be associated with Zika virus. WHO toolkit for the care and support of people affected by complications associated with Zika virus (Geneva: World Health Organization; 2017)
- Line list: Not available.
- Electronic investigation tools: Not available.

Laboratory confirmation

- Laboratory testing for Zika virus and dengue virus infections: interim guidance (Geneva: World Health Organization; 2022)

Response tools and resources

- Guidelines for the Clinical Diagnosis and Treatment of Dengue, Chikungunya, and Zika. (Washington (DC): Pan American Health Organization; 2022)
- WHO toolkit for the care and support of people affected by complications associated with Zika virus (Geneva: World Health Organization; 2017)
- Vector control operations framework for Zika virus. (Geneva: World Health Organization; 2016)

Training

- Risk communication and community engagement (RCCE) for Zika virus response. (online course).
- Zika: Introduction (Open WHO courses 2018)
- Risk communication for Zika virus disease (Open WHO course)

Other resources