



## Updated Dengue Case Definition for Surveillance- 2024

### Suspected or Probable dengue case:

Fever with two or more of the following signs/ symptoms or any of the warning signs, but no lab test performed, or lab test results awaited or negative.

<b>Signs/ Symptoms</b> <ul style="list-style-type: none"><li>• Nausea/vomiting</li><li>• Rash</li><li>• Aches and pains</li><li>• Tourniquet test positive</li><li>• Leukopenia</li><li>• Thrombocytopenia</li></ul>
<b>Warning Signs</b> <ul style="list-style-type: none"><li>• Rapidly decreasing platelets and rising hematocrit</li><li>• Fatigue, lethargic</li><li>• Persistent vomiting and severe abdominal pain</li><li>• Clinical features of fluid accumulation (ascites, pleural effusion)</li><li>• Bleeding gums or nose</li><li>• Decreased urine output for 4-6 hours</li><li>• Liver enlargement &gt;2cm</li></ul>

### Confirmed dengue case:

A suspected or probable dengue case with one of the following laboratory results

- NS1 Ag positive in a single serum sample (by RDT or ELISA)
- IgM positive in a single serum sample or IgM seroconversion in paired sera\*
- IgG positive in a single serum sample with Haem Agglutination Inhibition (HAI) titre of 1280 or greater or IgG seroconversion in paired sera\* or four-fold IgG titre increased in paired sera\*
- PCR positive
- Virus culture positive

\* Paired sera- acute serum collected within 1-5 days post onset of illness and convalescent serum collected within 15-21 days post onset of illness.

### Immediate Reporting Provision:

- Immediate reporting should be done in EWARS, if 5 or more confirmed dengue cases are reported from a localized cluster/ area under the sentinel site within 24 hours.
- For all other situations, there should be weekly reporting in EWARS.
- The RDT results should be entered with disaggregation such as NS1 Ag + or IgG + or IgM+

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