



SC DHEC Bureau of Laboratories 2015 Dengue Fever Virus Cases

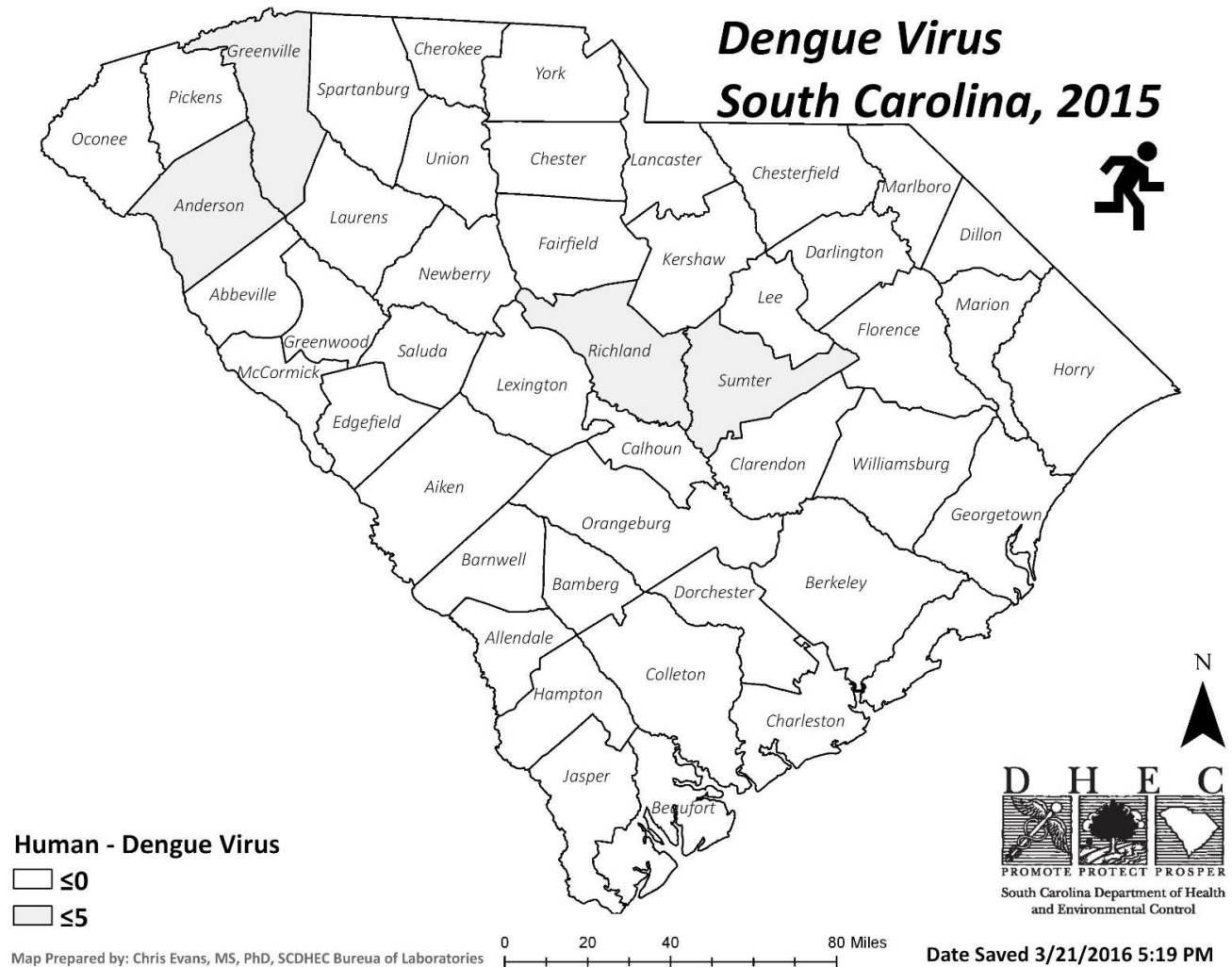
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Dengue fever is the most common cause of fever in travelers returning from the Caribbean, Central America, and South Central Asia. Dengue infections are commonly reported from most tropical countries of the South Pacific, Asia, the Caribbean, the Americas, and Africa. This disease is caused by four similar viruses (DENV-1, -2, -3, and -4) and is spread through the bites of infected mosquitoes. For information on current outbreaks, consult CDC's Travelers' Health website (<http://www.cdc.gov/travel>).

Dengue fever is a severe, flu-like illness that affects infants, young children and adults, but seldom causes death.

Dengue should be suspected when a high fever (40°C/104°F) is accompanied by 2 of the following symptoms: severe headache, pain behind the eyes, muscle and joint pains, nausea, vomiting, swollen glands or rash. Symptoms usually last for 2–7 days, after an incubation period of 4–10 days after the bite from an infected mosquito.

Severe dengue is a potentially deadly complication due to plasma leaking, fluid accumulation, respiratory distress, severe bleeding, or organ impairment. Warning signs occur 3–7 days after the first symptoms in conjunction with a decrease in temperature (below 38°C/100°F) and include: severe abdominal pain, persistent vomiting, rapid breathing, bleeding gums, fatigue, restlessness and blood in vomit. The next 24–48 hours of the critical stage can be lethal; proper medical care is needed to avoid complications and risk of death.



*All dengue fever human cases reported here occurred in travelers to countries/territories outside of the 50 states.