

Dengue fever

Dengue is a mosquito-borne viral infection. It is caused by a flavivirus (the same genus as West Nile virus and yellow fever) and there are four serotypes. The disease is limited primarily to the tropics and sub-tropics although occasional imported cases occur.

We don't have evidence of transmission here in Oregon. The typical vectors, *Aedes albopictus* and *Aedes aegypti*, are not native to Oregon, although there have been some reports of the former getting a foothold in California.

Symptom severity ranges from sub-clinical, asymptomatic infections (the norm) to high fever, headache, muscle aches and rash. A subset of patients may develop frank hemorrhagic fever, with bleeding diathesis and shock. There is no immunization available and treatment is supportive.

Three cases were reported in 2011.

Dengue infection by year: Oregon, 2000–2011

