

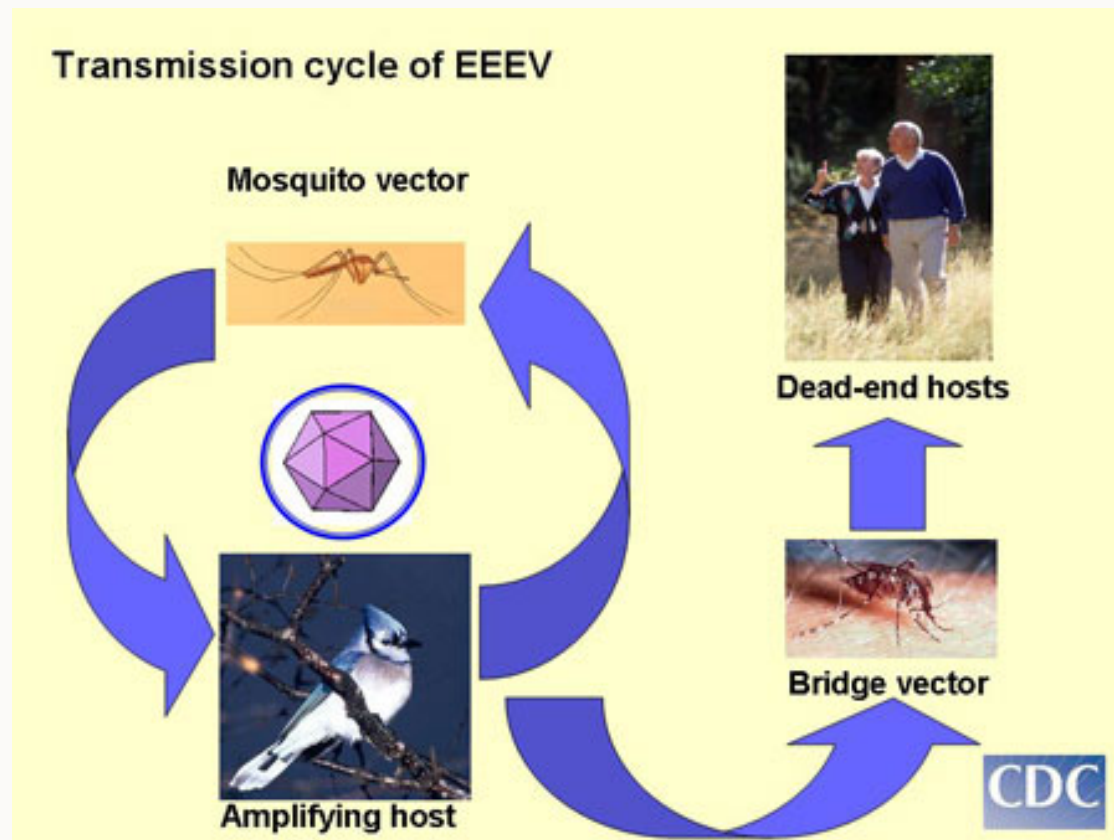
EASTERN EQUINE ENCEPHALITIS

By Nora Hill

WHAT IS IT?

- Eastern Equine Encephalitis, EEE

TRANSMISSION



VIRUS

- Arbovirus: Arthropod borne.
- The virus takes a spherical shape.
- One strand is in North America and the Caribbean.

WHERE?



SYMPTOMS

- Incubation period: 4 to 10 days
- Systematic infection: head-ache, high fever, chills, vomiting, malaise, arthralgia, and myalgia. The illness lasts 1 to 2 weeks. Recovery is complete when there is no central nervous system involvement.
- Encephalitis: appears after a few days of systemic illness. Symptoms in encephalitic patients are fever, headache, irritability, restlessness, drowsiness, anorexia, vomiting, diarrhea, cyanosis, convulsions, and coma.

DEATH

- 33% of people dies from the disease. 1 in 3 people.
- Death appears 2 to 10 days after symptoms, but can occur later.
- Many who survive are left with crippling mental and physical disabilities. These include: brain dysfunction to severe intellectual impairment, personality disorders, seizures, paralysis, and cranial nerve dysfunction.

TREATMENT?

- There is no cure or vaccine. Doctors treat the symptoms not the disease.

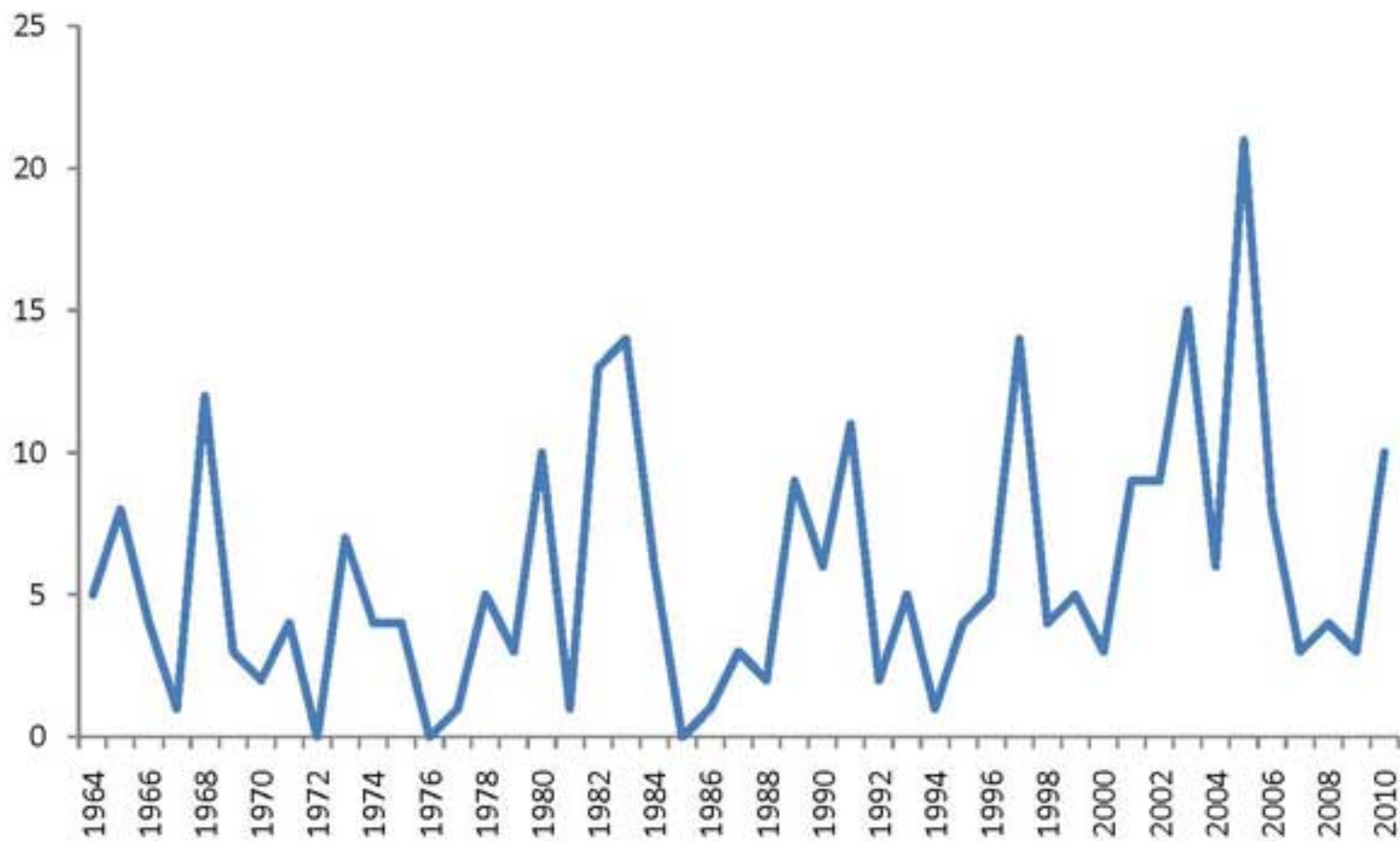
LOCAL

- There has been three cases of EEE in Vermont.
- One man has died and two others are in the hospital.
- We have sprayed for the bugs, and specialists say that should reduce the populations for this year and next year.

PREVENTION



THE FUTURE?



SOURCES:

- http://healthvermont.gov/prevent/arbovirus/eee/eee_public.aspx
- http://www.burlingtonfreepress.com/article/20120904/NEWS07/309040026/Health-Department-confirms-Vermont-death-of-mosquito-borne-EEE?gcheck=1&nclick_check=1
- <http://www.wcax.com/story/19454972/1-dead-in-vt-of-eee-emergency-spraying-to-begin>
- <http://www.cdc.gov/EasternEquineEncephalitis/tech/factSheet.html>
- <http://www.cdc.gov/EasternEquineEncephalitis/index.html>
- <http://www.wcax.com/story/19455686/vt-health-commissioner-on-eee>
- http://new.paho.org/hq/index.php?option=com_joomlabook&Itemid=259&task=display&id=20
- <http://vtdigger.org/2012/09/07/state-sees-first-death-from-eee-mosquito-targeted-spraying-under-way/>
- <http://emedicine.medscape.com/article/233442-overview>