



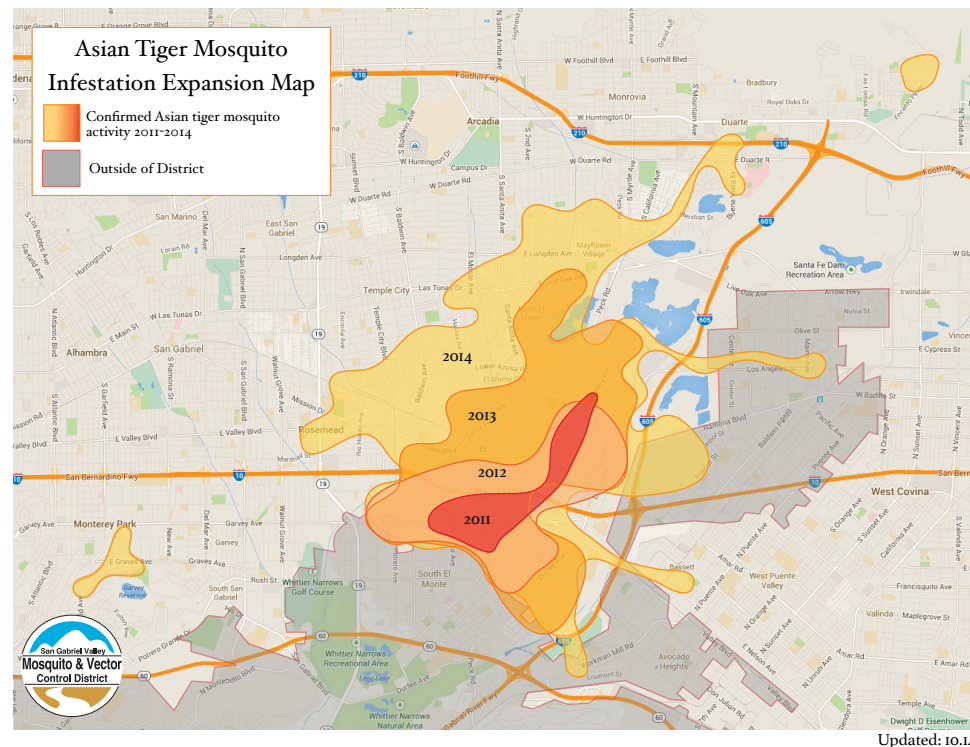
Current Status of Invasive Mosquitoes in California

Every 60 days, California gains a new and potentially damaging invasive species resulting in economic losses to California estimated at \$3 billion per year. There are significant public health concerns associated with invasive mosquitoes including:

- Vectors of dengue, chikungunya, several other encephalitis viruses
- Aggressive day-biting mosquitoes that prefer mammals, especially humans
- Establishment increases the risk of local disease transmission and creates a severe public health nuisance

SURVEILLANCE AND CONTROL CHALLENGES

- Invasive *Aedes* extremely elusive and difficult to trap
- Environmental conditions often not favorable to truck-mounted fogging
- Container breeding habits on private properties complicate detection and prevention
- Hopes of eradication appear increasingly difficult



Map above shows the increase in Asian tiger mosquito activity from 2011 – 2014 in the San Gabriel Valley.