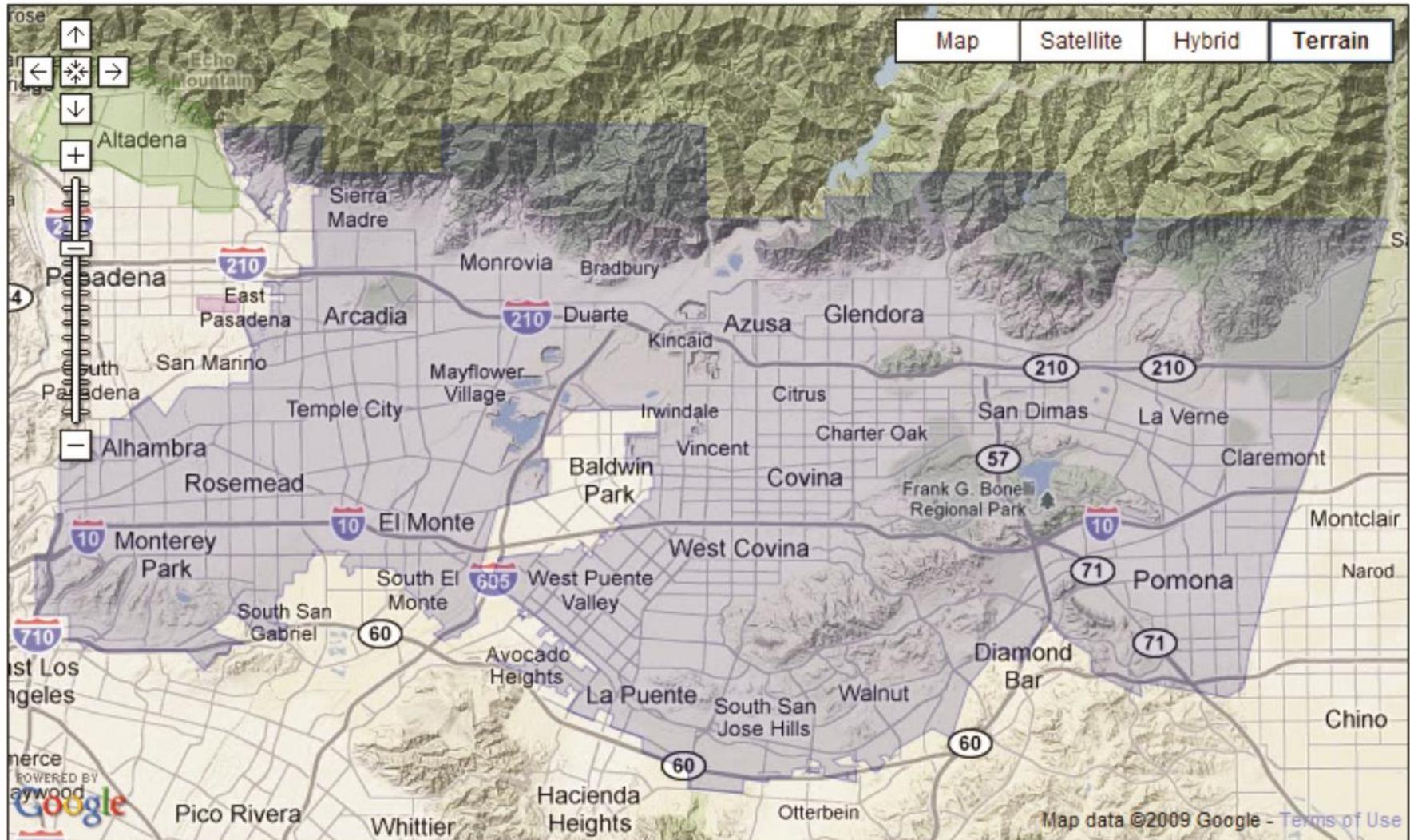


Regional Adaptation to Climate Change by the San Gabriel Valley Mosquito and Vector Control District, Los Angeles County, California

Kenn K. Fujioka, PhD

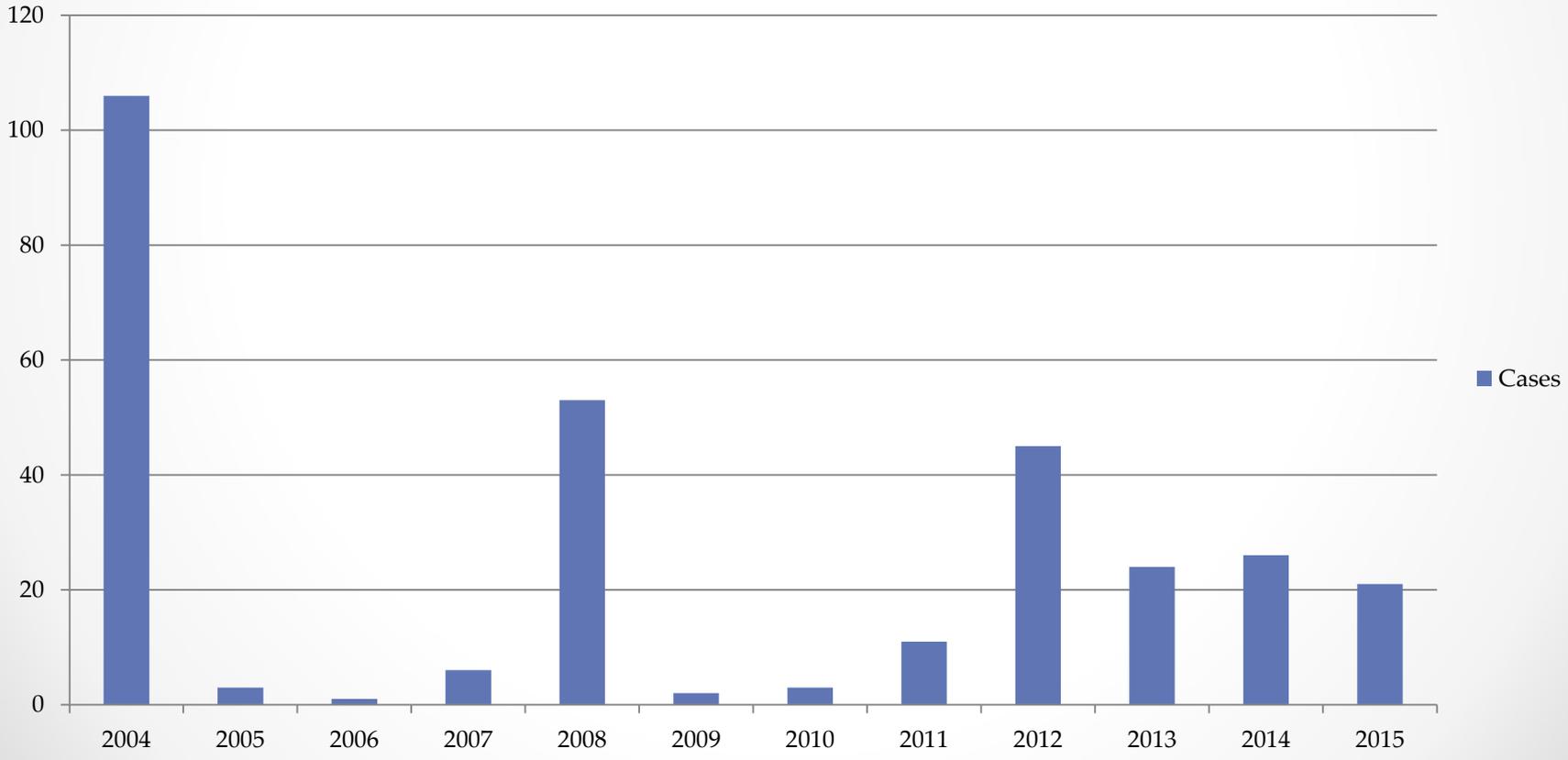


Service Area

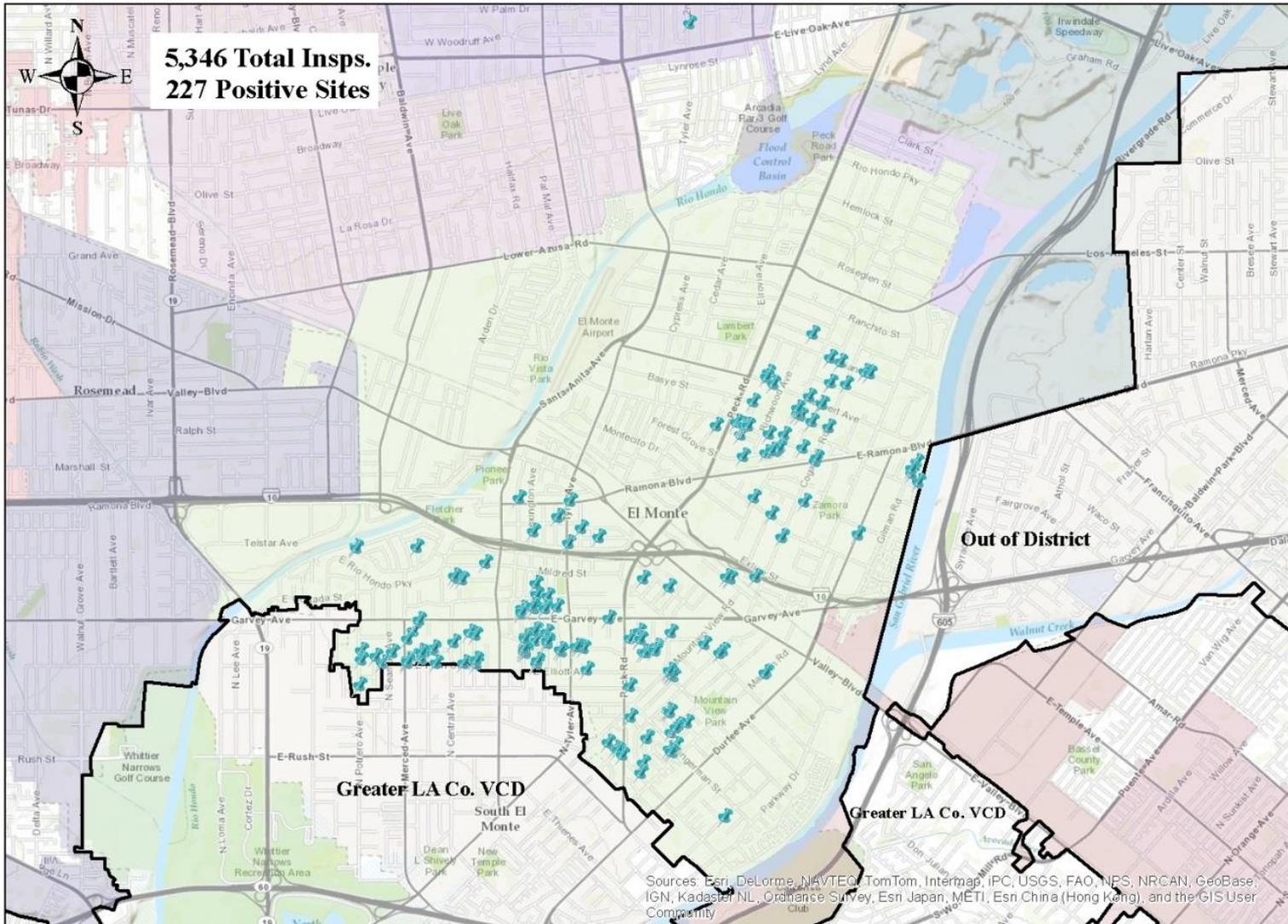


Human infections with West Nile virus, San Gabriel Valley MVCD, CA 2004-2015

Cases



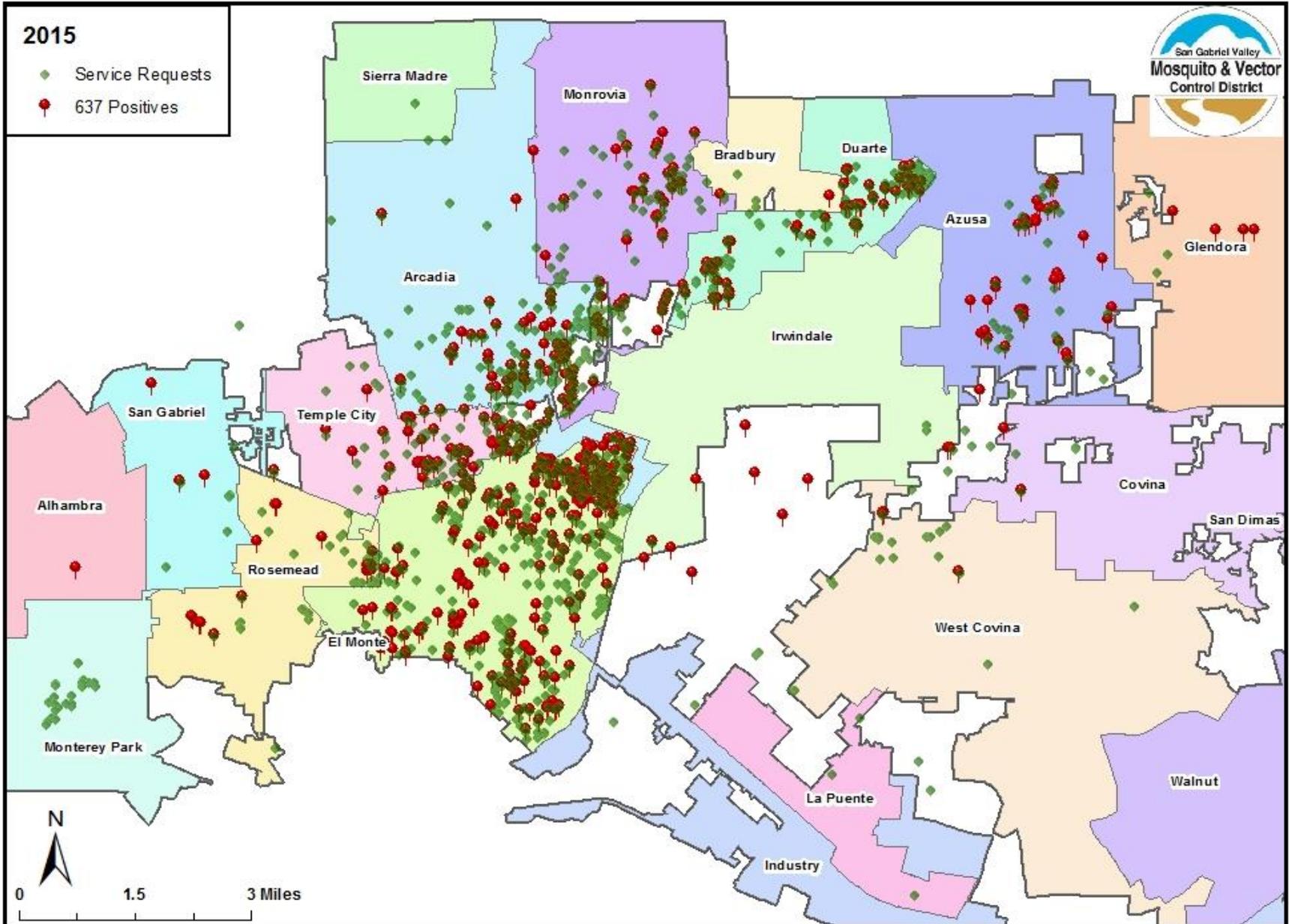
2012 Aedes Albopictus Distribution



Jan. 29, 2014



M. Tanaka



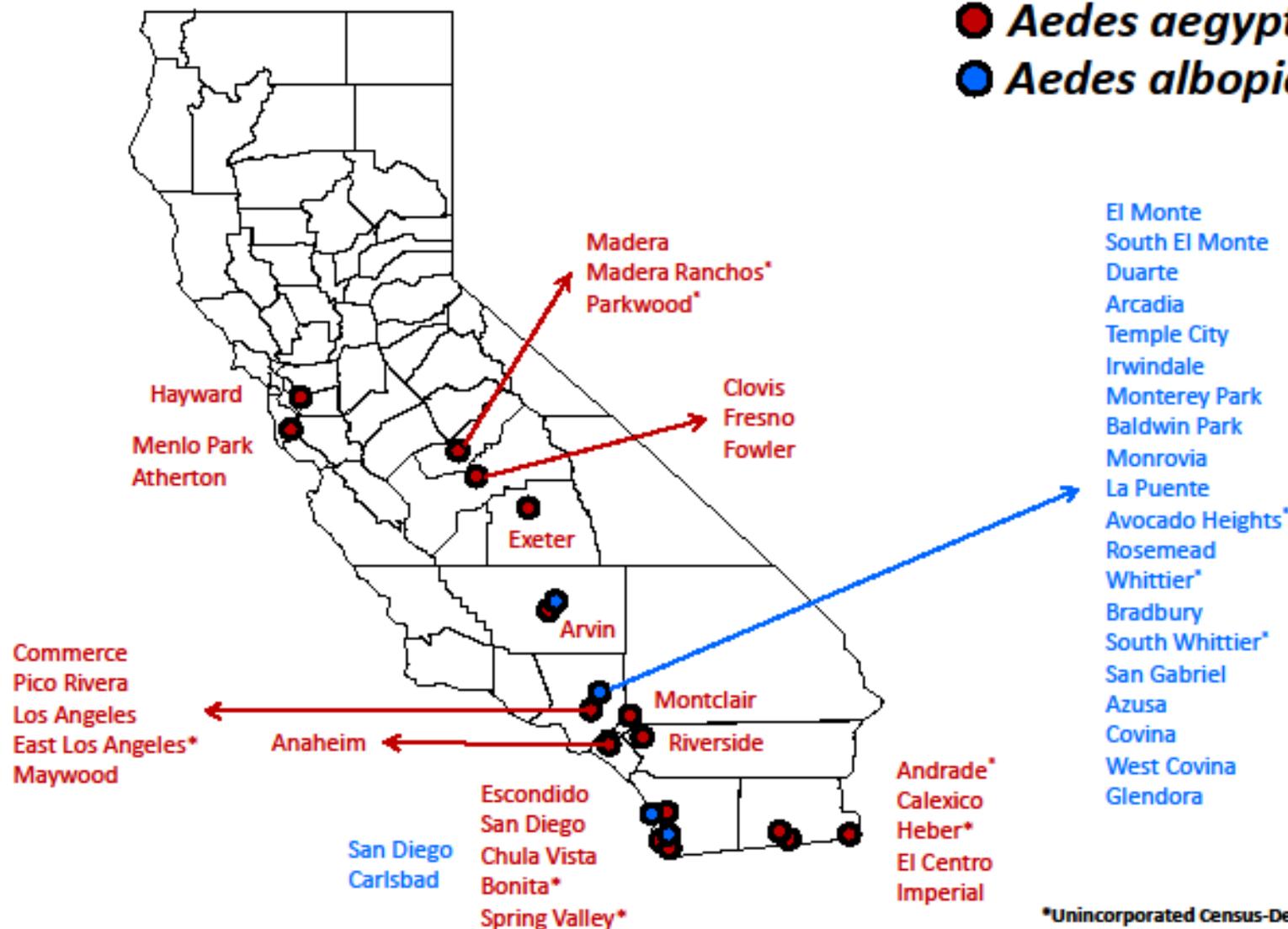
Infestation Perimeter: 50,027 acres (36.12 miles)

October 14, 2015

Aedes aegypti and *Aedes albopictus* Mosquitoes Detection Sites in California, 2011-2015

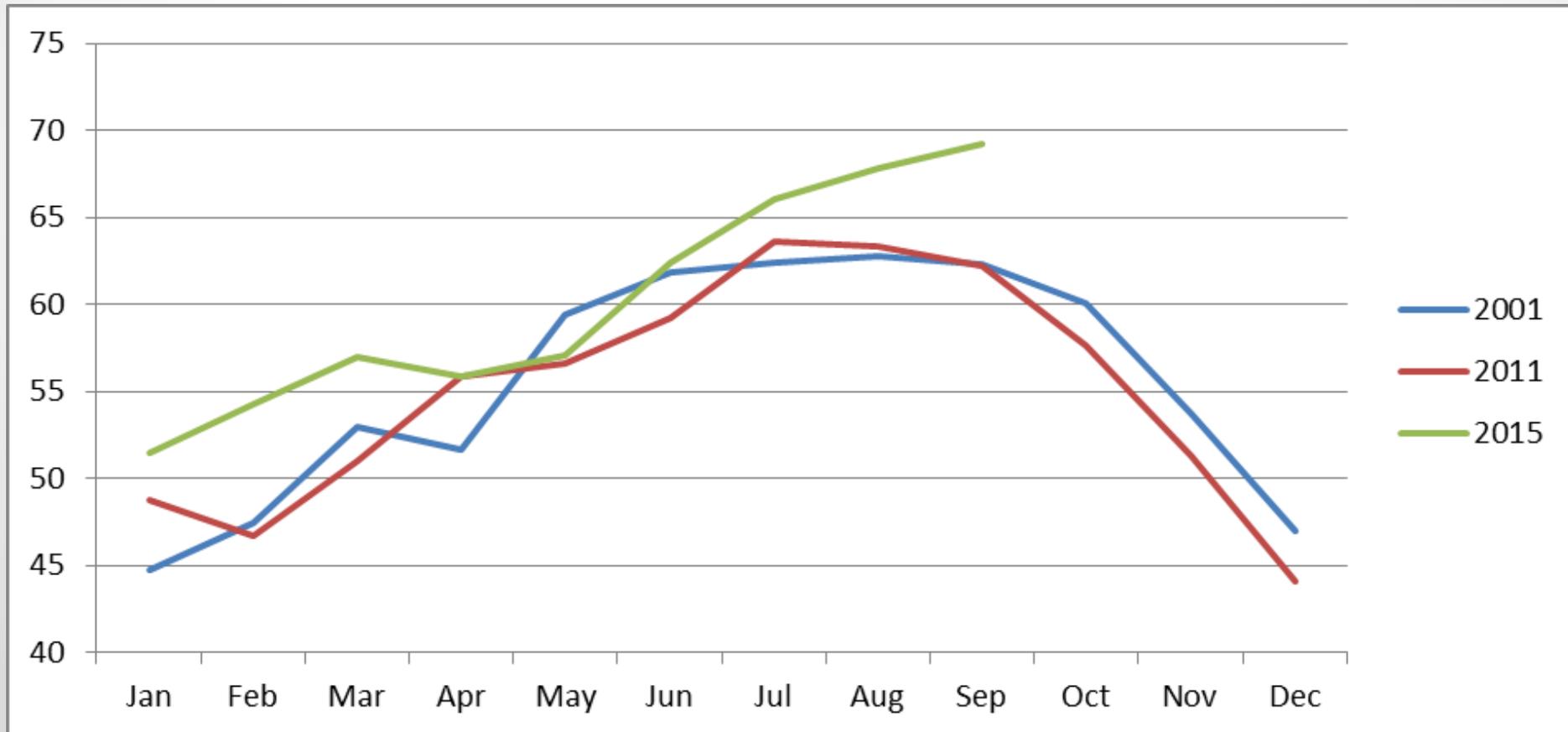
Updated October 6, 2015

● *Aedes aegypti*
● *Aedes albopictus*



*Unincorporated Census-Designated Places

Monthly mean minimum temperature by month, Los Angeles Civic Center 2001, 2011, 2015



What can we do?

- Regular, long-term collection of data
- Patterns of disease in the US
- Patterns of diseases in wildlife
- International trends for disease

Who we work with-other public health agencies

- Mosquito and Vector Control Association of California (MVCAC)
- County Health Department
- California Department of Public Health
- Centers for Disease Control
- Department of Public Works and Water Agencies

Who we work with-academia

- University of California Davis Arbovirus Research and Training (DART) lab
- UC Riverside
- UCLA School of Public Health

Who we work with-California

- Office of Planning and Research
- State Water Resources Control Board
- California Department of Fish and Wildlife