

ZIKA WEEKLY PARTNER UPDATE

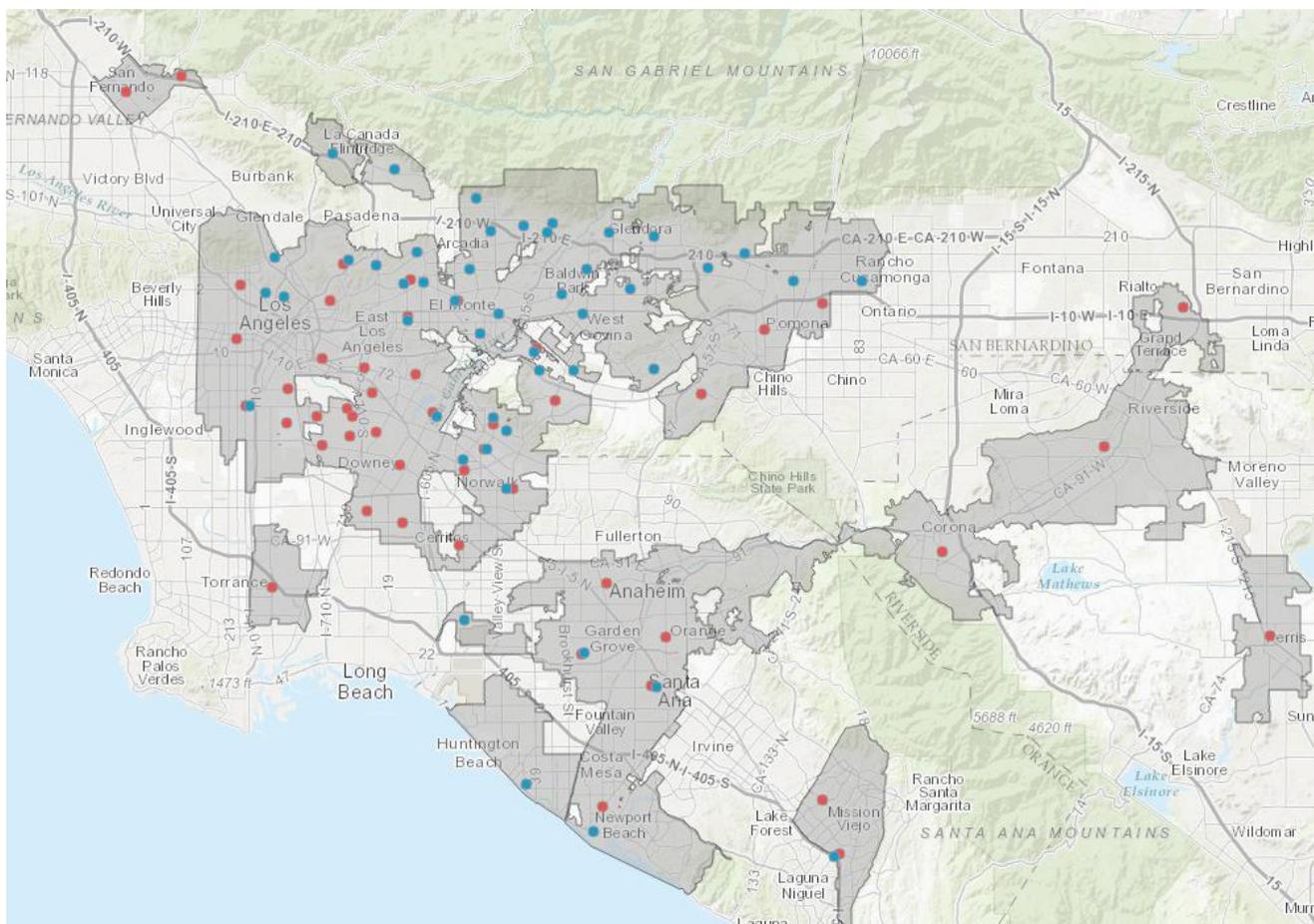
November 2, 2016

Updates

There are no locally acquired vector-borne cases of Zika reported in California. There are [3,951 travel-associated cases reported in the continental United States](#), [353 laboratory confirmed travel-associated cases are in California](#), and [79 of those are in Los Angeles County](#). [Aedes aegypti and Aedes albopictus mosquitoes are present](#) in Los Angeles County, however no Zika Virus has been identified in vectors at this time.

Invasive *Aedes* in California

The latest interactive map ([10-28-16](#)) by California Department of Public Health shows cities with *A. aegypti* (red) and *A. albopictus* (blue). Gray areas are approximate infestation areas based on city borders not trap findings. The map shows the only cities in LA County where *Aedes* mosquitoes have been trapped and identified.



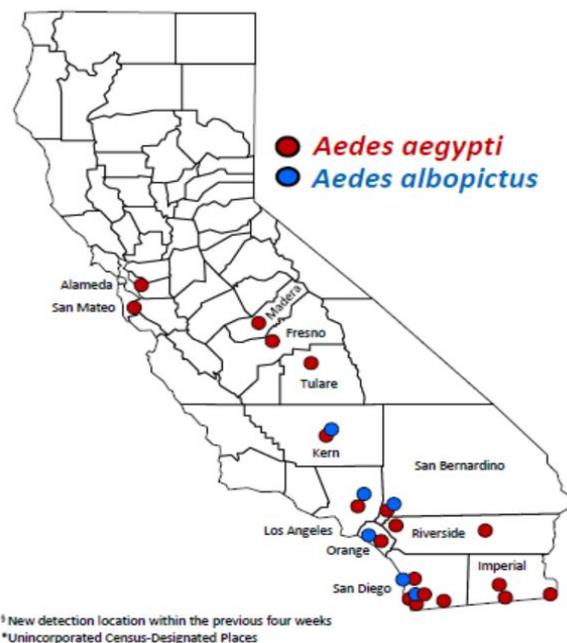
STATE

- **There were six new infections confirmed this week in California.** There have been a total of 353 confirmed cases of Zika in California to date, including 43 in pregnant women; 3 due to sexual transmission; and 2 liveborn infants with birth defects. CDPH, 10-28-16. [Available Here](#). (Copy hyperlink and paste into web browser if it does not open.)

County	Travel-Associated Cases
Los Angeles	80
Orange	23
Ventura	5
Kern	3
San Bernardino	13
Riverside	10
San Diego	62
Imperial	0

Number of Zika Cases in Southern California. CDPH, 10-28-16.

- **Twelve California Counties** have been identified with mosquitoes that can carry the virus but none have shown mosquito-borne transmission. CDPH, 10-28-16. [Available Here](#). (Copy hyperlink and paste into web browser if it does not open.) This week new cities added are Whittier with *A. aegypti* and Santa Fe Springs with *A. albopictus*.



NATIONAL

- **Most recent CDC post shows states with highest case numbers:** New York (886), Florida (708), California (309), and Texas (232).

Reported Confirmed Cases	United States	US Territories
Total	4,091	28,723
Locally acquired mosquito-borne	139	28,627
Sexually transmitted	33	Undeterminable with local transmission
Guillain-Barre syndrome	13	43

Laboratory-confirmed Zika virus disease cases reported to ArboNET. CDC, October 26, 2016. [Available Here](#).

Related News

- [185 Non-Travel Related Infections of Zika in Florida](#)
 The Florida Department of Health (DOH) continues door-to-door outreach and targeted testing in Miami-Dade County and mosquito abatement and reduction activities are also taking place around the locations that are being investigated. The department is currently conducting 13 active investigations. DOH believes ongoing transmission is only taking place within the [identified areas in Miami-Dade County](#)—South and North Miami Beach.
- [First Baby in Puerto Rico With Zika-Related Microcephaly Born](#) (*New York Times*)
 The first child in Puerto Rico with Zika-related microcephaly has been born, the territory’s secretary of health announced Friday. The fetus’s abnormally small head was not detected until the mother was nearly eight months pregnant, according to The Associated Press, even though the mother was probably infected in her second month.
- [Concern for men’s health mounts as Zika batters testicles of mice in new study](#) (*Ars Technica*)
 The virus may wreak havoc on the male reproductive system. A new study finds that the virus causes severe damage to the testes of mice. The virus damaged reproductive tissue, spurred inflammation, hampered hormone production, shrunk testicles, and reduced sperm counts, researchers reported in *Nature*. Subsequent mating trials showed the infected male mice had lower fertility, producing fewer pregnancies and viable offspring. It’s unclear if the mosquito-borne Zika would cause the same injuries in men as it does in mice, the authors and other experts caution. However, the study begs for follow-up research—particularly given the fact that the virus is known to persist in men’s semen for weeks and cause pain and bleeding.
- [Colombia Is Hit Hard by Zika, but Not by Microcephaly](#) (*New York Times*)
 In Brazil, more than 2,000 babies have been born with microcephaly, abnormally small heads and brain damage caused by the Zika virus. In Colombia, officials had predicted there might be as many as 700 such babies by the end of this year. There have been merely 47. Discovering what stopped microcephaly in Colombia may help other countries tamp down the epidemic’s worst effects.

Key Info Sources

Website Name	URL Link
California Department of Public Health	http://www.cdph.ca.gov/HealthInfo/discond/Pages/Zika.aspx
Center for Infectious Disease Research and Policy	http://www.cidrap.umn.edu/infectious-disease-topics/zika
Centers for Disease Control and Prevention	http://www.cdc.gov/zika/
Greater Los Angeles County Vector Control District	http://www.glacvcd.org/
LA County Department of Public Health	http://publichealth.lacounty.gov/media/zika/
Pan American Health Organization	http://www.paho.org/
San Gabriel Valley Mosquito and Vector Control District	http://www.sgvmosquito.org/
World Health Organization	http://www.who.int/topics/zika/en/

Updated Guidance & Resources

- [Healthcare Exposure to Zika and Infection Control](#). CDC, 10-25-16.
 - CDC Infographic: [Protecting Your Pregnancy from Zika](#). CDC, 11-01-16.
 - [Zika Questions and Answers](#), updated Oct. 24, 2016. CDPH, 10-24-16.
 - The Zika and Sex Poster ([English](#), [Spanish](#)). CDPH, 10-27-16.
 - The Zika and Travel Poster ([English](#), [Spanish](#)). CDPH, 10-27-16.
 - [Zika Stories](#). Pan American Health Organization. First-person stories of men and women facing Zika.
 - [Zika--The Science and the Situation](#). University of Virginia, School of Medicine, 10-24-16.
 - [WHO Zika Virus Research Agenda](#). WHO, 10-24-16.
 - [Zika Strategic Response Plan, Quarterly Update, October 2016](#). WHO, 10-26-16.
 - [Zika Situation Report: 27 October 2016](#). WHO, 10-27-16.
 - [Rapid Risk Assessment: Zika Virus Disease Epidemic, 9th Update, October 28, 2016](#). European Union, European Center for Disease Control and Prevention, 10-28-16.
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Public Preparedness Messaging:

Mosquito Season Isn't Over

Mosquitoes can remain active during the fall & into winter. [Protect yourself!](#)

Download the CDC Zika Widget for your website:

- English: <http://www.cdc.gov/widgets/zika/index.html>
- Spanish: <http://www.cdc.gov/widgets/zikaspanish/index.html>

Sample social media to help spread the word:

Facebook

- In areas where temperatures do not fall below 50°F, adult mosquitoes and mosquito eggs will survive at least through the fall, possibly into the winter. It is important to protect yourself from mosquito bites as long as mosquitoes are active. <https://www.cdc.gov/zika/prevention/prevent-mosquito-bites.html>
- Summer may have ended, but it's still mosquito season in many states. If you live in places where the weather stays warmer longer, it is important to continue taking steps to protect yourself from mosquito bites. Wear an insect repellent with one of these active ingredients: DEET, picaridin, IR3535, oil of lemon eucalyptus or para-menthane-diol, or 2-undecanone. <https://www.cdc.gov/zika/prevention/prevent-mosquito-bites.html>

Twitter

- Mosquitoes stop biting when temperatures hit 50°F. Until then, protect yourself from mosquito bites. <https://www.cdc.gov/zika/prevention/prevent-mosquito-bites.html>
- In extreme southern parts of the US, mosquitoes can remain active into the winter. Protect yourself from mosquito bites! <https://www.cdc.gov/zika/prevention/prevent-mosquito-bites.html>
- While you are outside enjoying the fall weather, don't forget to protect yourself from mosquito bites! <https://www.cdc.gov/zika/prevention/prevent-mosquito-bites.html>
- In the US, mosquitoes look for places to hibernate as temperatures drop. Learn how to control mosquitoes in & around your home. <https://www.cdc.gov/zika/prevention/controlling-mosquitoes-at-home.html>