

Delaware Zika Update



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Countries & Territories with Active Zika Virus Transmission

May 2016

- Cape Verde
- Mexico
- Caribbean: > 20 islands
- Central America: 6
- Pacific Islands: 8
- South America: 10

Sept. 2016

- Cape Verde
- Mexico
- Caribbean: > 28 islands
- Central America: 7
- Pacific Islands: 8
- South America: 12
- Asia: 1 (Singapore)
- North America: 1 (U.S., Florida)

United States Zika Case Counts as of 9/28/16

	United States	U.S. Territories
Total # of cases	3,625	22,069
Locally acquired	59 (FL)	21,988
Travel-associated	3,565	81
Laboratory acquired	1	0
Sexually transmitted	30	N/A
Guillain-Barré syndrome	12	39
Pregnant women	808	1,490

Delaware Update

Testing

- **Positives: 15**
- **Negatives: 180**
- **Indeterminate: 2**
- **Pending: 16**

Notes

- All positives are travel-related
- No cases involve pregnant women
- 1 indeterminate test was for a pregnant woman who recently gave birth to a healthy baby. DPH will continue to follow the infant until 12 months of age.



Delaware Zika Action Team

Important Updates:

- FDA: All blood banks to begin to screen donated samples for Zika. Delaware will start screening all donated blood on 11/18/2016.
- DPH / DNREC MOU: Ongoing
- Education: Social media, HANs, press releases, etc., are ongoing. Back-to-school messaging was sent out on 9/29/16.
- In August, Delaware was awarded \$813,000 in federal grants to combat Zika.

Zika Kit Distribution



- Zika surveys and kits, including repellent, condoms, a thermometer and educational materials, were distributed to WIC Centers, DAPI sites and FQHCs in May.
- Zika educational materials were translated into English, Spanish and French Creole.
- Several adjustments were made to the survey's based on clinic feedback.
- Of 1,000 kits, 294 surveys have been returned so far.

Florida Local Transmission

Infection Type	Count
Travel-Related Infections of Zika	705
Non-Travel Related Infections of Zika	119
Infections Involving Pregnant Women	92



- 7/29: Florida confirms 4 cases of locally-acquired Zika in Miami-Dade and Broward Counties.
- 9/19: The Zika zone in **Wynwood**, which was originally about one square mile, was lifted after 45 days with no evidence of active Zika transmission.
- **Miami Beach** transmission is ongoing; area expanded from 1.5 to 4.5 square miles.

Recent Zika News

- 9/13: Zika DNA vaccine trial started at the University of Maryland School of Medicine. The trial will last 44 weeks.
- 9/13: Local transmission father to son in Utah (July 2016) - CDC officials are uncertain about how the son, with no known risk factors, contracted Zika. *NEJM* suggests tears or sweat due to high viremic load (2.0×10^8 per ml).
- 8/19: CDC issued updated interim guidance for clinicians providing care to infants born to mothers with possible Zika virus infection during pregnancy.

QUESTIONS?



Patrick LaMontagne cartoon: <http://www.durhamregion.com/opinion-story/6265371-today-s-cartoon-no-love-lost-for-the-zika-virus/>

References

- National Biosurveillance Integration System (NBIS) Monitoring List
- U.S. Centers for Disease Control and Prevention (CDC)
- World Health Organization
- Delaware's Division of Public Health
- Florida Department of Health

