



<http://www.cdc.gov/zika/pdfs/zika-draft-interim-conus-plan.pdf>

Amy Valderrama, PhD, RN
Healthcare Preparedness Activity Team Lead (acting)

CDC – An Overview for Local Health Departments
Wednesday, June 22, 2016

Interim CDC Zika Response Plan (Continental U.S. and Hawaii) Overview: Initial Response to Zika Virus Infections

- The purpose of the plan
- Response activities related to the plan
- Local transmission versus travel-associated and sexually transmitted Zika virus infections



Zika Response Planning Assumptions

- Local summer transmission anticipated
- Blood transfusion transmission
- The increase of local transmission in US territories and Pacific Islands
- The absence of a vaccine or proven clinical treatments



Zika Response Planning Assumptions (Cont.)

- The continuum includes mosquito season preparedness and then graduated action in response to detection of
 - The first limited local transmission
 - Widespread local and continuous transmission
 - Widespread, multijurisdictional, continuous transmission



Zika Stages of Response and Phases

Stage	Phase Level	Transmission Risk Category
Pre-incident	0	Preparedness — vector present or possible in the state
	1	Mosquito Season — <i>Aedes aegypti</i> or <i>Aedes albopictus</i> mosquito biting activity. Introduced travel-related or sexually transmitted cases
Suspected/Confirmed Incident	2	Limited Local Confirmed Transmission — single, locally acquired case, or cases clustered in a single household.
Incident/Response	3	Widespread Local Transmission — Zika virus illnesses with onsets occurring ≥ 2 weeks apart but within an approximately 1 mile (1.5 km) diameter
	4	Widespread Multijurisdictional Transmission — Zika virus illnesses with onsets occurring ≥ 2 weeks apart in >1 jurisdictional area



Seven Action Areas

- **Interim CDC Zika Response Plan**
 - Communication and Community Education
 - Surveillance
 - Laboratory Diagnostics
 - Vector Control
 - Pregnant Women Outreach
 - Blood Safety
 - Planning



Interim CDC Zika Response Plan – Phases 0 and 1

- **Phase 0/1: Mosquito Season Preparedness and Mosquito Season**
 - CDC support of state and local jurisdictions
 - Preparatory actions
 - Introduced cases (symptomatic and asymptomatic)



Interim CDC Zika Response Plan – Phase 2

- **Phase 2: Limited Local Confirmed Transmission**
 - First local case transmission assistance
 - Defining a Zika transmission area



Interim CDC Zika Response Plan – Phase 3

- **Phase 3: Widespread Local and Continuous Transmission**
 - Responding to evidence of continuous transmission
 - Size of the CDC Emergency Response Team (CERT)
 - Subject matter expert support



Interim CDC Zika Response Plan – Phase 4

- **Phase 4: Widespread Local Multijurisdictional, Continuous Transmission**
 - Increased CDC and other federal support
 - Relationships with other government and nongovernmental organizations
 - CDC CERTs support jurisdictions by consultation and/or deployment



Enhanced Surveillance

- **For Zika Virus Disease in Local Areas with Confirmed Travel-associated Cases and Competent Vector Activity**
 - Contact laboratories performing testing for Zika virus
 - Interview household members of confirmed travel-associated cases
 - Educate and enlist providers to be vigilant
 - Conduct syndromic surveillance
 - Implement vector control activities



Defining a Zika Transmission Area

- **Considerations for Defining a Zika Transmission Area**
 - Human factors
 - Mosquito surveillance and control factors
 - Environmental and ecologic factors
 - Infrastructure in the area





Questions?

Please send all inquiries and/or questions directly to preparedness@cdc.gov.

<http://www.cdc.gov/zika/pdfs/zika-draft-interim-conus-plan.pdf>

For more information, contact CDC
1-800-CDC-INFO (232-4636)
TTY: 1-888-232-6348 www.cdc.gov

Thank you.

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

