



DEPARTMENT OF HEALTH & HUMAN SERVICES
Centers for Disease Control and Prevention
 Request for CERT



Date

To

From

Subject

Location

Nature of problem

On June 25th, 2016, a 73 year old male died in a Salt Lake City Hospital. He had returned from Mexico on June 14 and began feeling unwell on June 17. He sought care first on June 19th and then was admitted on June 22th. Following admission, his health rapidly declined and he died 3 days following admission with suspected dengue hemorrhagic shock syndrome. Testing performed after his death identified Zika viral RNA in a blood sample obtained during his hospital admission; the level of viremia in his blood sample, as suggested by the values obtained with the RT-PCR assay, were uncharacteristically high.

On July 1st, an adult male family contact reported developing a subjective fever and then progressed to develop a rash and conjunctivitis. The family contact had no history of travel but had been in contact with the index patient during his period of viremia. Testing of urine obtained 7 days after illness onset for the family contact was positive for Zika viral RNA at the Utah State Public Health Laboratory. Given the second case's lack of travel or other known risk factors for acquiring Zika virus, there is a concern about local transmission through a potentially unidentified mode of transmission. Utah Department of Health is requesting CDC's assistance to better define how the second case was infected given his contact with the index case.

Date problem first identified by requesting agency

Date of request for CDC assistance

Initial CDC contacts

Maleeka Glover	MIT/CERT Lead, CDC Emergency Operations Center
Ingrid Rabe	Medical Epidemiologist, Arboviral Diseases Branch
Susan Hills	Medical Epidemiologist, Arboviral Diseases Branch

Caller/correspondent

Name of inviter Inviter E-mail

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Contacts

CDC Staff (Center/Division/Branch, Name, Title)

<p>NCEZID/OD Beth Bell, MD, MPH, Director Chris Braden, MD, Deputy Director Tracee Treadwell, DVM, MPH, Acting Director</p> <p>NCEZID/DVBD Lyle Petersen, MD, MPH, Incident Manager for Zika virus response Ronald Rosenberg, PhD, Acting Division Director Susan Hills, MBBS, Medical Epidemiologist Marc Fischer, MD, MPH, Surveillance and Epidemiology Activity Chief J. Erin Staples, MD, PhD, Medical Epidemiologist Elisabeth Krow-Lucal, PhD, MPH, EIS Officer Amy Lockwood, Communications Harry Savage, PhD, Entomology and Ecology Activity Chief Marvin Godsey, Entomologic technician Amy Lambert, PhD, Diagnostic and Reference Laboratory Chief</p> <p>NCEZID/DHQP Scott Fridkin, MD, Medical Epidemiologist Brian Christensen, PhD, MEPC Epidemiologist Shannon Novosad, MD, MPH, EIS officer</p> <p>CDC Emergency Operations Center, 2016 Zika Response Maleeka Glover, ScD, MPH, MIT/CERT Lead, CDC Emergency Operations Center Denise Jamieson, MD, MPH, Acting IM Satish Pillai, MD, MPH, Deputy IM Ben Beard, PhD, MS, Deputy IM Toby Merlin, MD, CERT team lead Margaret Cortese, MD, Medical Epidemiologist John O'Connor, Communications lead Kristen Nordlund, Media and communications Nina Johnson, Operations Carol Rao, MD, Pregnancy and Birth Defects</p>
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State/Local/Territory health officials (Organization, Name, Title)

<p>Utah Department of Health, Allyn Nakashima, State Epidemiologist Utah Department of Health, Angela Dunn, Deputy State Epidemiologist Utah Department of Health, Dr. Robert Rolfs, Deputy Director</p>
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Other persons contacted (Organization, Name, Title)

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Does this involve a federal facility (Indian Health Service/tribal facility, military facility, Veterans Affairs hospital, etc.)?

No:

Yes (specify):

Nature and timing of response

On July 13, 2016, Drs. Scott Fridkin, Bryan Christensen, and Shannon Novosad with the Division of Health Quality and Promotion, Kristen Nordlund and Amy Lockwood, Communication Specialist, and Nina Johnson, Operational Manager will depart from Atlanta and Fort Collins to arrive in Salt Lake City to begin assisting the Utah Department of Health with the investigation. They will be joined by Drs. Erin Staples and Liz Krow-Lucal, subject matter experts and epidemiologists with the Division of Vector-borne Diseases in Fort Collins, and Dr. Margaret Cortese, an epidemiologist from the Division of Viral Diseases in Atlanta on July 14 and by Dr. Harry Savage and Marvin Godsey, Entomologists with the Division of Vector-borne Diseases on July 15.

Anticipated duration of CERT deployment

CIO providing oversight of the investigation (Center/Division/Branch)

NCEZID/OD

CIO sharing oversight of the investigation (Center/Division/Branch)

NCEZID/DVBD

CDC supervisors responsible for technical supervision of investigators and CERT report (Organization, Name, Title)

Dr. Maleeka Glover

Objectives of the CERT mission

- Assess the potential of person-to-person transmission among family contacts and health care workers
- Evaluate the potential of environmental transmission of Zika virus through assisting with vector surveillance and community survey
- Provide assistance to Utah Department of Health in developing communication messages and tools
- Develop or adapt existing guidelines to prevent transmission of Zika virus based on the findings of the investigation

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Submitted by:

Name

Lyle Petersen

Title

Incident Manager, Zika Response

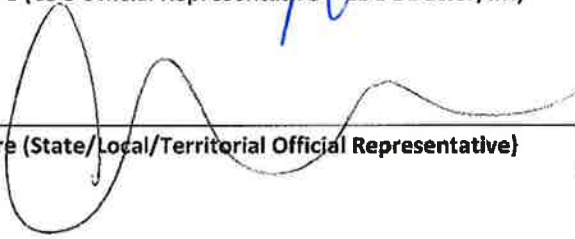
Organization

Division of Vector Borne Diseases, NCEZID



Signature (CDC Official Representative - CDC Director/IM)

Signature (State/Local/Territorial Official Representative)



Angela C. Dunn, M.D., M.P.H.
Deputy State Epidemiologist
Utah Dept of Health