ZIKA IN THE UNITED STATES



THE GROWING PUBLIC HEALTH THREAT AND THE CRITICAL ROLE OF LOCAL RESPONSE

The primary Zika virus carrier, Aedes aegypti mosquitoes, seek proximity to humans, exclusively subsisting on their blood.



Of global population exposed to Aedes aegypti mosquitoes every year 1



Countries across the world with areas native to the Aedes aegypti mosquito²

THE ZIKA **VIRUS IS**



TO GLOBAL **HEALTH & SECURITY**

Zika virus infection carries adverse and costly health risks for pregnant women and their babies.



Chance of severe birth defects (i.e., microcephaly) in fetus when pregnant mother has Zika virus³



Estimated cost of raising an individual into adulthood with microcephaly⁴

Zika virus infection in the United States continues to grow, spread by both human and mosquito carriers.



Symptomatic Zika virus disease cases in the U.S. during 2016-20175



U.S. states with at least one reported Zika case⁵

THE **IMPACT OF ZIKA**



IS RISING U.S. pregnant women infected IN THE U.S.

Continued Zika virus infection in the United States stands to hinder American health and economy.



with the Zika virus⁶



Estimated cost to U.S. economy if current Zika virus infection rate continues in 2017⁷

The Zika virus disproportionately impacts areas in the United States, necessitating a highly effective local response.



Of all locally acquired Zika infections occurred in 10 high-risk U.S. areas⁸



Local Zika response agencies in 10 high-risk U.S. areas, critical to preventing national disease outbreak⁸

GAPS IN LOCAL **CAPACITY**



WEAKEN U.S. ZIKA RESPONSE An initial assessment of local Zika response agencies serving 10 high-risk areas in the United States found inadequate capacity.



Of surveyed Zika response agencies in 10 high-risk U.S. areas lack competency in mosquito control and surveillance⁸



Of surveyed Zika response agencies in 10 high-risk U.S. areas need improvement in pesticide resistance testing⁸

Local agencies currently leading or that may lead future Zika response need adequate mosquito surveillance and control capacity.

4 URGENT ACTIONS

Public health officials, community members, and policy makers must be informed and engaged in supporting local Zika response.



Local Zika response staff need quality, ongoing training in mosquito surveillance and control



Local public health officials must ensure mosquito surveillance and control resources are a funding priority



TO BOOST U.S. ZIKA RESPONSE



should engage local partners (e.g., mosquito control agencies, universities) to bolster Zika response capacity



This infographic and the below sources should inform local action and national decisions related to the Zika response

INFOGRAPHIC SOURCES ON THE ZIKA VIRUS AND LOCAL RESPONSE CAPACITY

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