



**Prince William  
Health District**

# Public Health Provider Update

**To:** Prince William Health District Area Providers  
**Date:** January 29, 2016  
**Subject:** Zika Virus Infection

Although presently not demonstrated to have local transmission in the continental U.S., the mosquito borne Zika Virus has been reported in travelers returning from affected countries<sup>+</sup>. As a result, area providers are encouraged to remain vigilant and report suspected Zika virus disease cases to Prince William Health District (PWHD)/Virginia Department of Health (VDH) in order to assist with diagnosis and mitigate the potential for local transmission to occur.

Providers should consider Zika virus disease in patients within two weeks of travel to an area with Zika virus transmission<sup>+</sup> who present with any of the following symptoms: acute onset of fever, maculopapular rash, arthralgias, conjunctivitis. Severe cases are rare and symptoms typically resolve within several days to a week. As a better understanding of Zika virus infection is available, this information is subject to change.

Laboratory Testing Criteria:
(At this time, testing is only available through the CDC and must be approved by the local health department.)
<ul style="list-style-type: none"> <li>• Pregnant woman with history of travel to Zika affected area<sup>+</sup> who:               <ul style="list-style-type: none"> <li>○ within 2 weeks of travel experiences at least two of the following four symptoms:                   <ul style="list-style-type: none"> <li>▪ acute fever</li> <li>▪ maculopapular rash</li> <li>▪ arthralgias</li> <li>▪ conjunctivitis</li> </ul> </li> <li>○ fetus is found to have microcephaly or intracranial calcifications</li> <li>○ experiences fetal loss</li> <li>○ has a travel companion who tests positive for Zika Virus</li> </ul> </li> <li>• Infant born to mother with positive or inconclusive Zika virus testing</li> <li>• Non-pregnant individuals with history of travel to Zika affected country<sup>+</sup> who, within two weeks of travel, experiences at least two of the four symptoms listed above</li> </ul> <p>*Pregnant women with history of travel to a Zika affected area<sup>+</sup> but who are asymptomatic (or do not otherwise meet criteria above) are recommended to be monitored with serial ultrasound for microcephaly or intracranial calcifications.            *If an alternate condition other than an arboviral disease is diagnosed (such as malaria) then no further testing is necessary.</p>
General Recommendations:
<ul style="list-style-type: none"> <li>• <b>Pregnant women should postpone unnecessary travel to areas with ongoing Zika virus transmission+</b></li> <li>• <b>Individuals who plan travel to areas with ongoing Zika virus transmission should consult with their physician and practice strict mosquito control measures (<a href="http://www.cdc.gov/zika/prevention/index.html">http://www.cdc.gov/zika/prevention/index.html</a>)</b></li> <li>• <b>Currently there is no specific antiviral treatment and supportive care is recommended based on symptoms.</b></li> <li>• <b>Travelers presenting with clinically compatible illness should also be evaluated for dengue and chikungunya virus infection which can be performed at a commercial laboratory</b></li> </ul>

<sup>+</sup>Countries with active Zika Virus transmission , as of January 26, 2016:

**AFRICA:** Cape Verde

**AMERICAS:** Barbados, Bolivia, Brazil, Colombia, Dominican Republic, Ecuador, El Salvador, French Guiana, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Martinique, Mexico, Panama, Paraguay, Puerto Rico, Saint Martin, Suriname, U.S. Virgin Islands, Venezuela

**OCEANIA/PACIFIC ISLANDS:** Samoa

# Public Health Provider Update

ZIKA VIRUS RESOURCES	
<b>CDC Zika Virus</b>	<a href="http://www.cdc.gov/zika/index.html">http://www.cdc.gov/zika/index.html</a>
<b>CDC Health Alert Network Advisory:</b> Recognizing, Managing, and Reporting Zika Virus Infections in Travelers Returning from Central America, South America, the Caribbean, and Mexico	<a href="http://emergency.cdc.gov/han/han00385.asp">http://emergency.cdc.gov/han/han00385.asp</a>
<b>CDC MMWR:</b> Interim Guidelines for Pregnant Women During a Zika Virus Outbreak — United States, 2016	<a href="http://www.cdc.gov/mmwr/volumes/65/wr/mm6502e1er.htm">http://www.cdc.gov/mmwr/volumes/65/wr/mm6502e1er.htm</a>
<b>CDC MMWR:</b> Interim Guidelines for the Evaluation and Testing of Infants with Possible Congenital Zika Virus Infection — United States, 2016	<a href="http://www.cdc.gov/mmwr/volumes/65/wr/mm6503e3.htm">http://www.cdc.gov/mmwr/volumes/65/wr/mm6503e3.htm</a>
<b>Virginia Department of Health (VDH) Zika Virus Infection Fact Sheet</b>	<a href="http://www.vdh.virginia.gov/epidemiology/factsheets/pdf/ZIKA.pdf">http://www.vdh.virginia.gov/epidemiology/factsheets/pdf/ZIKA.pdf</a>
PRINCE WILLIAM HEALTH DISTRICT CONTACT	
<b>MANASSAS</b>	<b>(703) 792-6300</b> <b>FAX: (703) 792-6338</b>
<b>WOODBRIIDGE</b>	<b>(703) 792-7300</b> <b>FAX: (703) 792-7311</b>
<b>AFTERHOURS EMERGENCY</b>	<b>Answering Service: (866) 531-3068</b>



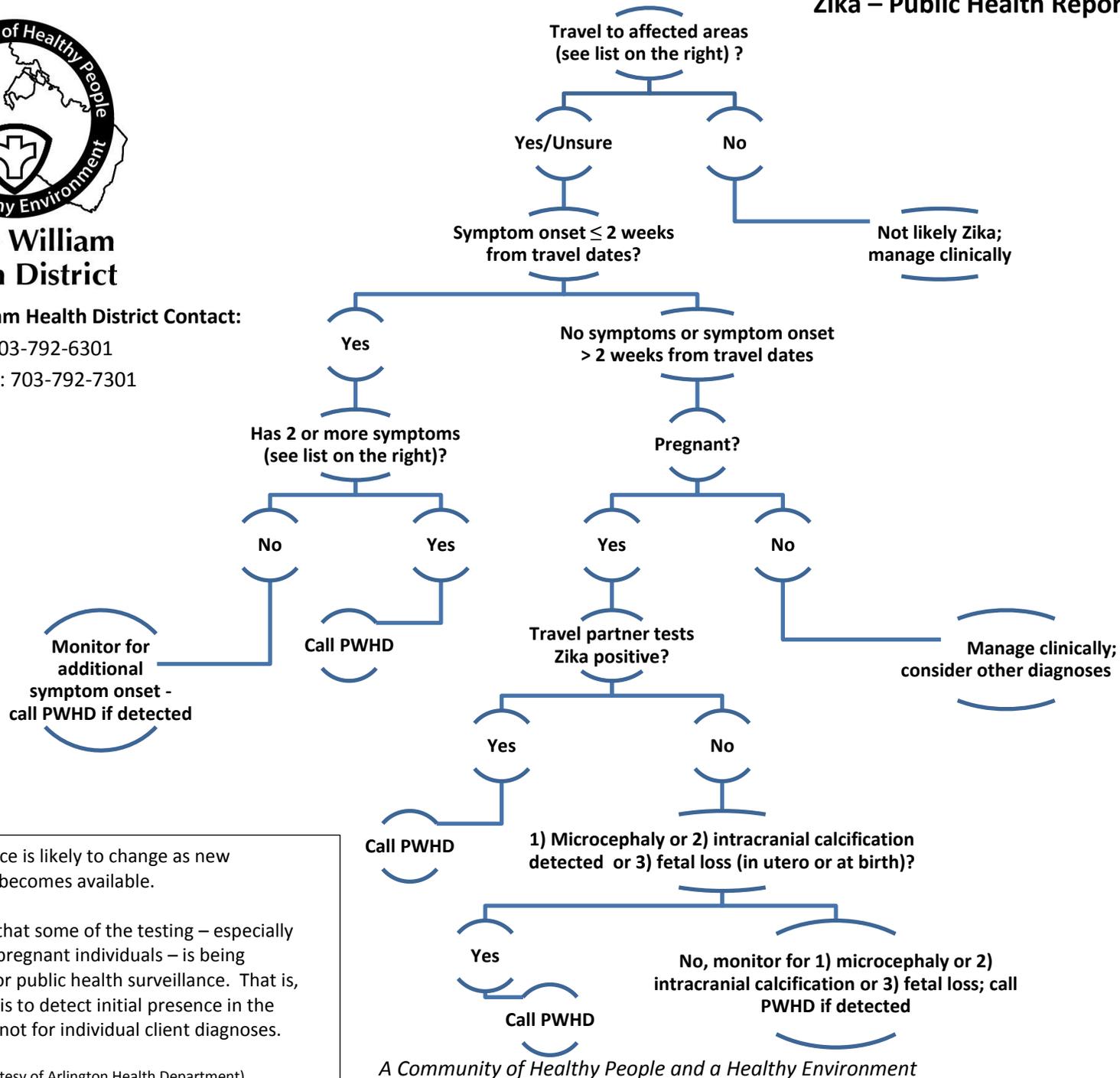
# Prince William Health District

**Prince William Health District Contact:**

Manassas: 703-792-6301

Woodbridge: 703-792-7301

## Zika – Public Health Reporting Algorithm\*



### Affected areas (As of 1/27/16)

#### Americas

- Barbados
- Bolivia
- Brazil
- Columbia
- Dominican Republic
- Ecuador
- French Guinea
- Guadeloupe
- Guatemala
- Guyana
- Haiti
- Honduras
- Martinique
- Mexico
- Panama
- Paraguay
- Puerto Rico
- Saint Martin
- Suriname
- US Virgin Islands
- Venezuela

#### Oceania/Pacific Islands

- Samoa

#### Africa

- Cape Verde

### Symptoms

- Fever
- Maculopapular rash  
+/- itching
- Arthralgia
- Coniunctivitis

\*This guidance is likely to change as new information becomes available.

Please note that some of the testing – especially among non-pregnant individuals – is being conducted for public health surveillance. That is, the purpose is to detect initial presence in the community, not for individual client diagnoses.

(Algorithm courtesy of Arlington Health Department)

*A Community of Healthy People and a Healthy Environment*