

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

DANIEL GOHL
CHIEF ACADEMIC OFFICER

August 22, 2016

TO: All Principals

FROM: Daniel Gohl 
Chief Academic Officer

VIA: Valerie S. Wanza, Ph.D
Chief School Performance & Accountability Officer

SUBJECT: ZIKA VIRUS INFORMATION AND FREQUENTLY ASKED QUESTIONS

ACTION: Provide educational resources for staff and parents on Zika virus via school website or information provided to schools. This information is available on the Centers for Disease Control and Prevention (CDC) website at <http://www.cdc.gov/zika/schools.html>.

Resources include:

- Zika: The Basics of the Virus and How To Protect Against It
- Ideas For Talking to your Children about Zika
- How to Protect Against Mosquito Bites
- Protect Your Family and Community
- Mosquito Protection in Florida
- Spill the Water Curriculum

Attached is Frequently Asked Questions (FAQ's) to assist you and your staff. Additional updates and resources on the Zika virus will be provided to schools.

RATIONALE: The Center For Disease Control (CDC) has developed an "*Interim Guidance For Grades K-12 District and School Administrators*" with actions for planning, addressing school related activities and prevention measures that schools can take to reduce mosquito exposure, with information for parents and staff. Governor Scott has directed the State to deliver mosquito repellents and teacher tool kits on Zika virus to school districts.

For additional information, you may contact the **Coordinated Student Health Services Department at 754-321-1575.**

VSW/DG/MVP/MB:mt
Attachments

cc: Senior Leadership Team
School Performance & Accountability Directors
Office of Service Quality Administrators

ZIKA VIRUS INFORMATION SHEET

Cause and Transmission:

Zika virus is spread primarily through the bite of an infected Aedes species mosquito. It can also be transmitted through sexual contact with a male partner who is infected with Zika virus and from a pregnant woman to her fetus.

Fact:

Zika virus is NOT transmitted directly from person to person through casual contact.

Signs and Symptoms:

Symptoms are usually mild. Most common signs and symptoms are fever, rash, joint pain or conjunctivitis. Other symptoms can include muscle pain and headache. Symptoms can last for up to a week. (80% of people with Zika Virus Infection have no symptoms)

The Florida Department of Health and CDC is providing ongoing updates and resources for schools, parents and community.

Question: What steps should the school administrator take if a student exhibits with these symptoms or is informed of a case of Zika virus at your school?

Answer: In the event of a student presenting with signs and symptoms of fever, rash, conjunctivitis, it should be managed according to the current District protocols for managing these signs and symptoms, regardless of Zika virus disease. School staff and health care personnel should always continue to follow standard Occupational Safety and Health Administration (OSHA) bloodborne pathogen Infection Control Precautions for any exposure to bodily fluids.

Question: What should I do in the event of notification of a Zika virus case at my school?

Answer: School staff should follow current procedure and report it to Coordinated Student Health Services (CSHS) department. CSHS will provide information in collaboration with Department of Health-Broward (DOH) to school administration. According to Centers for Disease Control and Prevention (CDC), it is not necessary to remove/exclude the student from school. Isolation or quarantine of exposed persons to the Zika virus is **NOT** recommended or appropriate. If a student exhibits symptomatic illness, the staff should follow current District protocols for symptoms (i.e. fever, headache) and parent/guardian notified to provide the appropriate medical evaluation of their child. Administrators, staff and health care personnel should always maintain confidentiality of student/staff.

Question: Should a letter be sent to parents if a case of Zika is reported?

Answer: CDC does not recommend a school-wide notification or exclusion of the student, as the Zika virus is not transmitted from person to person through casual contact. CSHS

will collaborate with DOH-Broward and provide information to school administration as needed.

Question: What should I do if a staff member is pregnant and concerned about Zika virus exposure at school?

Answer: Zika virus is NOT transmitted directly from person to person through casual contact. You can recommend that they should discuss their concern with their health care provider.

Preventative Measures

- Provide educational resources for staff and parents on Zika virus via your school website, parent venues or meetings. Schools can go to the CDC website at www.cdc.gov/zika/schools.html and <http://www.floridahealth.gov/diseases-and-conditions/zika-virus/> for additional resources.
- CDC is providing ongoing updates and resources for schools, parents and community.

Implications for School Key Points

- NO exclusion is required for students/staff who have Zika virus disease or who were exposed. Zika virus is not passed directly from person to person through casual contact.
- Confidentiality of student/staff must always be maintained.
- School administrator and school health care professional should provide updated informational resources/flyers to parents/staff via school website, parent venues and meetings.
- If a student presents with fever or symptoms that might be associated with Zika virus infection, staff should follow current guidelines for managing these symptoms. Parents must be notified to provide evaluation of their child by their health care provider.
- Parents should be encouraged to use Environmental Protection Agency (EPA) registered insect repellents and products according to the label directions.

Questions About Zika

On this Page

- What is Zika?
- How do people get infected with Zika?
- What health problems can result from getting Zika?
- Should pregnant women travel to areas where Zika has been confirmed?
- If I am traveling outside the United States, should I be concerned about Zika?
- What can people do to prevent Zika?
- What are the symptoms of Zika virus disease?
- How is Zika diagnosed?
- Can someone who returned from a country or US territory with Zika get tested for the virus?
- What should pregnant women who have recently traveled to an area with Zika do?

Q: What is Zika?

A: Zika virus disease is caused by the Zika virus, which is spread to people primarily through the bite of an infected mosquito (*Aedes aegypti* and *Aedes albopictus*). The illness is usually mild with symptoms lasting up to a week, and many people do not have symptoms or will have only mild symptoms. However, Zika virus infection during pregnancy can cause a serious birth defect called microcephaly and other severe brain defects.

Q: How do people get infected with Zika?

A: Zika is spread to people primarily through the bite of an infected *Aedes* species mosquito (*Aedes aegypti* and *Aedes albopictus*). A pregnant woman can pass Zika to her fetus during pregnancy or around the time of birth. Also, a man with Zika can pass it to sex partners. We encourage people who have traveled to or live in places with Zika to protect themselves by preventing mosquito bites and sexual transmission of Zika.

Q: What health problems can result from getting Zika?

A: Many people infected with Zika will have no symptoms or mild symptoms that last several days to a week. However, Zika infection during pregnancy can cause a serious birth defect called microcephaly and other severe fetal brain defects. Guillain-Barre syndrome (GBS), an uncommon sickness of the nervous system, is also very likely triggered by Zika in a small number of cases.

Once someone has been infected with Zika, it's very likely they'll be protected from future infections. There is no

evidence that past Zika infection poses an increased risk of birth defects in future pregnancies.

Q: Should pregnant women travel to areas where Zika has been confirmed?

A: No. Pregnant women should not travel to any area with Zika. Travelers who go to places with outbreaks of Zika can be infected with Zika, and Zika infection during pregnancy can cause microcephaly and other severe fetal brain defects.

Q: If I am traveling to an area with Zika, should I be concerned about Zika?

A: Travelers who go to places with Zika can be infected with Zika, and CDC has issued travel notices (<http://wwwnc.cdc.gov/travel/notices>) for people traveling to those areas. Many people will have mild or no symptoms. However, Zika can cause microcephaly and other severe birth defects. For this reason, pregnant women should not travel to any area with Zika, and women trying to get pregnant should talk to their doctors before traveling or before their male partners travel. It is especially important that women who wish to delay or avoid pregnancy consistently use the most effective method of birth control that they are able to use. Those traveling to areas with Zika should take steps during and after they travel to prevent mosquito bites and sexual transmission of Zika.

Q: What can people do to prevent Zika?

A: The best way to prevent Zika is to protect yourself and your family from mosquito bites:

- Use Environmental Protection Agency (EPA)-registered insect repellents (<https://www.epa.gov/insect-repellents/find-insect-repellent-right-you>)
- Wear long-sleeved shirts and long pants
- Sleep under a mosquito bed net if air conditioned or screened rooms are not available or if sleeping outdoors.

Zika can be spread by men to their sex partners. People whose male sex partners have traveled to or live in an area with Zika can prevent Zika by using condoms condoms correctly (<http://www.cdc.gov/condomeffectiveness/male-condom-use.html>) every time they have sex or by not having sex.

Q: What are the symptoms of Zika virus disease?

A: The most common symptoms (<http://www.cdc.gov/zika/symptoms/index.html>) of Zika virus disease are fever, rash, joint pain, and red eyes. Other symptoms include muscle pain and headache. Many people infected with Zika won't have symptoms or will have mild symptoms, which can last for several days to a week.

Q: How is Zika diagnosed?

A: To diagnose Zika, your doctor will ask you about recent travel and symptoms you may have, and collect blood or urine to test for Zika or similar viruses.

Q: Can someone who returned from an area with Zika get tested for the virus?

A: Zika virus testing is performed at CDC and some state and territorial health departments. See your doctor if you have Zika symptoms and have recently visited an area with Zika. Your doctor may order tests to look for Zika or similar viruses like dengue and chikungunya.

Q:What should pregnant women who have recently traveled to an area with Zika do?

A: Pregnant women who have recently traveled to an area with Zika should talk to their doctor about their travel, even if they don't feel sick. Pregnant women should see a doctor if they have any Zika symptoms during their trip or within 2 weeks after traveling. All pregnant women can protect themselves by avoiding travel to an area with Zika, preventing mosquito bites (<http://wwwnc.cdc.gov/travel/page/avoid-bug-bites>), and following recommended precautions against getting Zika through sex.

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Content source: Centers for Disease Control and Prevention (<http://www.cdc.gov/>)

National Center for Emerging and Zoonotic Infectious Diseases (NCEZID) (<http://www.cdc.gov/ncezid>)

Division of Vector-Borne Diseases (DVBD) (<http://www.cdc.gov/ncezid/dvbd/index.html>)

PRODUCT INFORMATION

This information is compiled from data submitted to EPA for registration.

- **Protection Times** - These protection times have been approved for product labels. These times are based on the technical information provided by the company on the effectiveness of the product against mosquitoes and/or ticks.
- An asterisk (*) indicates that EPA has technical information on the effectiveness of the product against mosquitoes and/or ticks and the company chose not to have a specific time associated with their product.
- An "X" indicates that the repellent product has not been registered for protection from ticks.

Name	Company	Active Ingredient	Percent	Hourly Protection Time for Mosquitoes	Hourly Protection Time for Ticks	EPA Registration Number
Avon Skin-So-Soft Bug Guard Active Insect Repellent Sunscreen Cooling Gel (SPF 15)	Avon Products, Inc.	IR3535	7.5	6	6	806-25
Avon Skin-So-Soft Bug Guard Frontier Insect Repellent Spray	Avon Products, Inc.	Picaridin	10	6	7	806-29
Avon Skin-So-Soft Bug Guard Plus IR3535 Expedition Insect Repellent Spray	Avon Products, Inc.	IR3535	20.07	8	8	806-20
Avon Skin-So-Soft Bug Guard Plus IR3535 Expedition Insect Repellent Spray	Avon Products, Inc.	IR3535	15	8	6	806-21

Avon Skin-So-Soft Bug Guard Plus IR3535 Expedition Insect Repellent Sunscreen Spray (SPF 15)	Avon Products, Inc.	IR3535	15	8	6	806-19
Avon Skin-So-Soft Bug Guard Plus IR3535 Insect Repellent Spray	Avon Products, Inc.	IR3535	7.5	3	5	806-27
Avon Skin-So-Soft Bug Guard Plus Picaridin Insect Repellent Spray	Avon Products, Inc.	Picaridin	10	6	7	806-29
BUGX Insect Repellent Towelette	Coretex Products, Inc.	DEET	55	8	5	305-29-74289
Body Guard Towelettes Insect Repellent	Straight Arrow, Inc.	DEET	55	8	5	305-29-11314
Bug Repell IR3535 10% Lotion	EMD Millipore Corporation	IR3535	10	8	8	70759-2
Bug Repell IR3535 20% Aerosol	EMD Millipore Corporation	IR3535	20	8	8	70759-4
Bug Repell IR3535 20% Spray	EMD Millipore Corporation	IR3535	20	8	8	70759-3
BugX	Coretex Products, Inc.	DEET	55	8	5	305-29-74289
Cabela's Canadian Formula	Cabelas, Inc.	DEET	98.11	10	5	305-30-49006
Centura Fly and Mosquito Repellent Spray	Convex GMBH & Co. KG	Picaridin	20	8	8	85972-1
Champion SprayOn DEET Guard 85	Chase Products Co.	DEET	85	6	6	498-198

Champion SprayOn DEET Guard 85 Insect Repellent	Chase Products Co.	DEET	85	6	6	498-198
Citrapel Lotion Insect Repellent	Citrefine International LTD	Oil of Lemon Eucalyptus	30	6	6	84878-1
Citrapel Lotion	Citrefine International LTD	Oil of Lemon Eucalyptus	30	6	6	84878-1
Coghlan's Insect Repellent	Coghlan's, Ltd.	DEET	55	8	5	305-28-37257
Coleman Insect Repellent Aerosol Skin Smart	Wisconsin Pharmaceutical Company LLC	IR3535	20	8	8	70759-4-79533
Coleman Skin Smart Insect Repellent	Wisconsin Pharmaceutical Company LLC	IR3535	20	8	8	70759-3-79533
Coleman Skin Smart Insect Repellent	Wisconsin Pharmaceutical Company LLC	IR3535	20	8	8	70759-4-79533
Croc Bloc Insect Repellent Towelette	Degil Safety Products, Inc.	DEET	55	8	5	305-29-71410
Cutter Advanced Insect Repellent	Spectrum, A Div Of United Industries Corp.	Picaridin	7	8	5	121-89
Cutter Advanced Repellent I	Spectrum, A Div Of United Industries Corp.	Picaridin	5.75	8	5	121-90
Cutter Insect Repellent 10KA	Spectrum, A Div Of United Industries Corp.	Picaridin	10	8	5	121-95

Cutter Insect Repellent 10KP	Spectrum, A Div Of United Industries Corp.	Picaridin	10	8	5	121-94
Cutter Insect Repellent 5KT	Spectrum, A Div Of United Industries Corp.	Picaridin	5.75	8	5	121-90
Cutter Insect Repellent 7K	Spectrum, A Div Of United Industries Corp.	Picaridin	7	8	5	121-89
Cutter Max 100 Mosquito Repellent	Spectrum, A Div Of United Industries Corp.	DEET	98.11	10	5	305-30-121
Cutter Maximum Strength Insect Repellent Formula 100	Spectrum, A Div Of United Industries Corp.	DEET	98.1	5	5	121-25
Dr. Outdoors Insect Repellent	Dr. Outdoors	DEET	55	8	5	305-28-64427
Fite Bite 6 Hour	Travel Medicine	Oil of Lemon Eucalyptus	30	6	6	305-56-73876
Full Time 100	J H Lewis, Inc.	DEET	98.11	10	5	305-30-34703
Go Ready Insect Repellent	Associated Registrations	Picaridin	20	8	8	54287-22
GoReady Insect Repellent with Sawyer 20% Picaridin	Natural Trends LLC	Picaridin	20	8	8	54287-22-84176
Insect Guard 3023 Insect Repellent	Associated Registrations	Picaridin	20	8	8	54287-22
KBR 3023 All-Family Insect Repellent Aerosol Spray	S.C. Johnson & Son, Inc.	Picaridin	10	6	6	4822-537

Natrapel 8 Hour Insect Repellent Continuous Spray	Tender Corp.	Picaridin	20	8	8	56575-15
Natrapel 8 Hour Insect Repellent Wipes	Tender Corp.	Picaridin	20	8	8	56575-14
Premium Insect Repellent 20% Picaridin	Sawyer Products	Picaridin	20	8	8	54287-22-58188
Repel 100	WPC Brands, Inc.	DEET	98.11	10	5	305-30
Repel Essential Insect Repellent Lotion	United Industries Corp.	Oil of Lemon Eucalyptus	30	6	6	305-56
Repel Essential Insect Repellent Pump Spray	United Industries Corp.	Oil of Lemon Eucalyptus	40	6	6	305-57
Repel Insect Repellent Deerhunter Formula	WPC Brands, Inc.	DEET	55	8	5	305-28
Repel Insect Repellent Towelette	WPC Brands, Inc.	DEET	55	8	5	305-29
Ride Together Fly and Mosquito Repellent Spray	Convet GMBH & Co. KG	Picaridin	20	8	8	85972-1
Sawyer Premium 20% Picaridin Spray	Sawyer Products	Picaridin	20	8	8	54287-22-58188
Sawyer Premium Insect Repellent 20% Picaridin	Sawyer Products	Picaridin	20	8	8	54287-22-58188
SprayPak Insect Repellent Formula 4	Chase Products Co.	DEET	85	6	6	498-198
Walgreens Light & Clean Insect Repellent	CHEMSICO	Picaridin	7	8	5	121-89-9688