HealthiestWeight



Epidemiology Monthly Surveillance Report

Florida Department of Health in Orange County

The Florida Department of Health Continues West Africa Traveler Monitoring Practice

Executive Order 14-280 issued from the Office of the Governor on October 25, 2014 warranted the Florida Department of Health (DOH) to twice daily in-person temperature and symptom monitoring of all travelers returning from Ebola impacted countries during their 21-day incubation period. Currently, this practice remains in-place statewide for all travelers from Liberia, Guinea, and Sierra Leone. DOH continued the practice of monitoring twice daily in-person all travelers from Liberia during their 21-day incubation period even after the World Health Organization declared Liberia Ebola-free on May 9, 2015 and the Centers for Disease Control and Prevention modified guidance on June 17, 2015. Healthcare providers should continue to make inquires of travel history of all ill patients to ascertain possible Ebola risks. As of July 6, DOH has monitored over 485 travelers statewide from Ebola impacted countries in West Africa.

Healthcare providers and community members with questions on DOH West Africa traveler monitoring practices or the current guidance from DOH respecting Ebola Virus can find information at: http://www.floridahealth.gov/diseases-and-conditions/ebola/index.html or call the Florida Department of Health in Orange County during non-holiday weekdays from 8AM to 5PM at (407)858-1420.

Healthcare providers needing consultation after following the guidance document for the <u>Decision algorithm to assist with identifying patients with suspected Ebola Virus disease</u> should contact the Florida Department of Health in Orange County <u>immediately</u> during non-holiday weekdays from 8AM to 5PM at (407)858-1420 or afterhours at (407)858-1400 and follow the prompts for the on-call epidemiologist.

The Florida Department of Health in Orange County will continue to provide important health alerts, including those concerning Ebola Virus, via our electronic Health Alert Network and website postings. To signup for the health alert network, please email your contact information to: CHD48.EPIRegistration@flhealth.gov

June 2015

Volume 6, Issue 6

Points of Interest:

- DOH continues to monitor travelers from West Africa
- Influenza incidence within expected seasonal trends
- . Education on dengue fever
- DOH-Orange County Epidemiology wins awards

West Africa Traveler Monitoring Update	1
Influenza Surveillance	2
Excessive Heat and Ebola Surveillance	3
Gastrointestinal Illness Surveillance	4
Arboviral Surveillance	5
Dengue Education	6-7
Reportable Disease Table	8
Awards	9
Contact Information	10

Influenza Surveillance (data from Florida Flu Review)

National

⇒ Highly pathogenic avian influenza (HPAI) has been identified in U.S. backyard and commercial flocks of birds. HPAI has not been identified in Florida birds, but identifications are anticipated. No people have been identified with HPAI in Florida or the rest of the nation. More information on the HPAI outbreak can be found here: http://www.cdc.gov/flu/avianflu/h5/index.htm

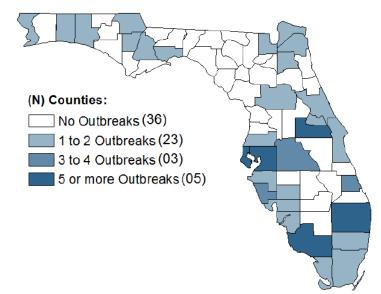
Florida

⇒ In week 24, the preliminary estimated number of deaths due to pneumonia and influenza in Florida is lower than levels seen in previous years at this time.

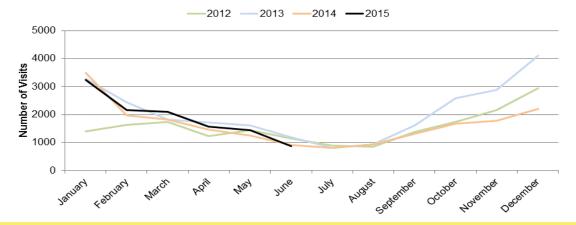
⇒ In weeks 23 and 24, 30 specimens were submitted to Bureau of Public Health Laboratories (BPHL) for

influenza testing. Seven specimens tested PCR positive: one for influenza A (H3), six for influenza B Yamagata lineage.

The map to the left shows the number of outbreaks reported in each Florida county since week 40, 2014 (October), as reported by 11 a.m. June 24, 2015. During this time, 105 outbreaks have been reported into EpiCom. Less than half (31 or 46.3%) of counties reported at least one outbreak in the 2014-2015 influenza season. The last influenza outbreak was reported April 30, 2015.



Influenza-like Illness from Emergency Department Visits in Orange County, 2012 to 2015



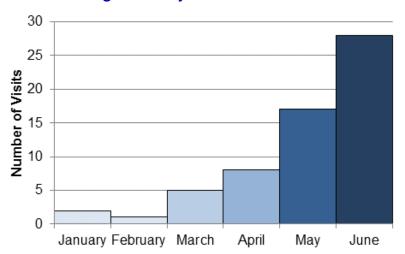
Influenza Resources:

Florida Department of Health Weekly Influenza Activity Report
Center for Disease Control and Prevention Weekly Influenza Activity Report

Volume 6, Issue 6 Page 3

Excessive Heat-related Surveillance

Emergency Department Excessive Heat-related Visits, Orange County, Florida 2015



Historical Emergency
Department Excessive Heat
-related Visits, Orange
County, Florida in June,
2011-2015

Year	June Visit					
2015	28					
2014	18					
2013	21					
2012	4					
2011	16					

Ebola Surveillance

Florida

- ⇒ Per Executive Order Number 14-280 issued by the Office of the Governor, the Florida Department of Health continues the practice of twice daily in-person temperature monitoring and symptom checking of all travelers from Guinea, Liberia, and Sierra Leone during their 21-day Ebola incubation period.
- ⇒ Ebola continues to represent a <u>very low risk</u> to the general public in Florida and the United States.
- ⇒ Physicians should immediately call the local health department if a patient fits the criteria of an Ebola Patient Under Investigation (link to Patient Screening Tool below).

International

Updated July 1, 2015:

- ⇒ Liberia, originally declared Ebola-free on May 9, has reported several new cases outside Monrovia.
- ⇒ Guinea and Sierra Leone continue to experience disease transmission during the past 21 days.
- ⇒ Total Cases (Updated June 30, 2015):

Liberia: 10.666

Sierra Leone: 13,119

Guinea: 3,729





(Map Courtesy CDC)

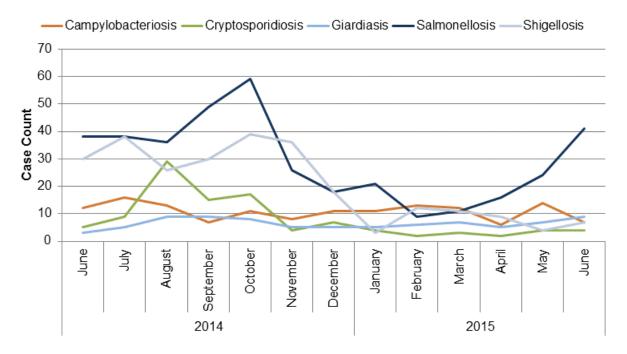
Ebola Resources:

Patient Screening Tool: Florida Department of Health Florida Department of Health EVD Resources Centers for Disease Control and Prevention: Ebola Information and Guidance World Health Organization: Global Alert and Response Situation Reports

Page 4 Epidemiology Monthly Surveillance Report

Gastrointestinal Illness Surveillance

Select Reportable Enteric Diseases in Orange County, Florida, June 2014 to June 2015



Gastrointestinal Illness Points of Interest:

- ⇒ 41 cases of Salmonellosis were reported among Orange County residents in June 2015. This represents an increase from May 2015, but is still within the seasonal expected disease incidence trend for Salmonellosis.
- ⇒ During June, 16 foodborne illness complaints were reported to the Florida Department of Health in Orange County for investigation.
- ⇒ One foodborne outbreak following salmonellosis contamination at a catered event was reported in June.

Gastrointestinal Illness Resources:

Florida Online Foodborne Illness Complaint Form - Public Use

Florida Food and Waterborne Disease Program

Florida Food Recall Searchable Database

Florida Department of Health - Norovirus Resources

CDC: A-Z Index for Foodborne Illness CDC: Healthy Water

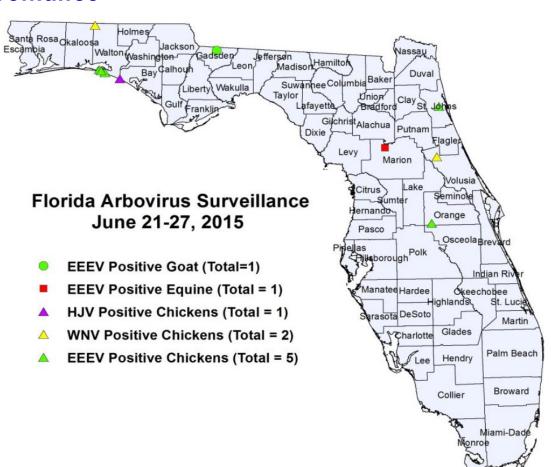


Volume 6, Issue 6 Page 5

Arboviral Surveillance

Florida

- ⇒ In Florida, no human cases of West Nile Virus, St. Louis Encephalitis Virus, or Eastern Equine Encephalitis Virus were reported.
- ⇒ One case of Dengue Virus was imported from Cuba.
- ⇒ Two cases of Chikungunya Fever were imported from Columbia and Ecuador.



Orange County

- ⇒ No human cases of West Nile Virus, St. Louis Encephalitis Virus, Eastern Equine Encephalitis Virus, Dengue Virus, or Chikungunya Virus were reported during June 2015.
- ⇒ In June, one sentinel chicken tested positive for Eastern Equine Encephalitis Virus (EEEV) in Orange County.
- ⇒ During 2015, 10 sentinel chickens and 1 horse have tested positive for EEEV in Orange County.

Arboviral Resources:

Weekly Florida Arboviral Activity Report (Released on Mondays)

Orange County Mosquito Control

Chikungunya Resources

Florida Department of Health Chikungunya Information

CDC Chikungunya Information

CDC Chikungunya MMWR

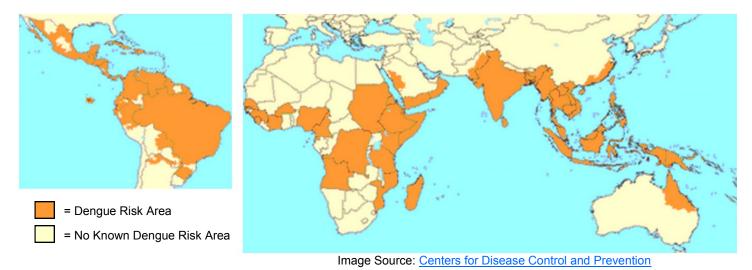
Page 6 Epidemiology Monthly Surveillance Report

Dengue Virus Education

There are four serotypes (DENV 1-4) of the dengue virus that can cause dengue fever. Antibodies produced as a result of an infection with one of the dengue serotypes offers limited protection against the other serotypes; therefore, an individual can have dengue fever four times during their lifetime. Dengue virus is spread through the bite of an infected *Aedes aegypti* or *Aedes albopictus* mosquito.

Currently in Florida, both *Aedes aegypti* or *Aedes albopictus* are present; however, dengue virus is not circulating within the local mosquito population. Risk for dengue fever in Florida are primarily from disease importations. Physicians should ask patients about travel to known dengue risk areas (see below map). Appropriate laboratory testing to confirm dengue virus infection is necessary and dependent on when onset of symptoms occurred (see next page).

Dengue fever cases should be reported to the <u>Florida Department of Health</u> by the end of the next business day. Public health will interview the case to assess the risk for disease transmission. This information is relayed to <u>Orange County Mosquito Control</u> to conduct a field assessment with possible mosquito spraying and trapping to reduce the risk of local dengue virus transmission.



Dengue Fever Epidemiology Quick Guide

Worldwide Disease Burden: 50 to 100 million cases annually (WHO)

Florida Disease Burden (2014): 79 imported cases & 7 locally acquired cases

Orange County Disease Burden (2014): 4 imported cases & zero locally acquired cases

Incubation Period: 3 to 14 days

Communicability Period: People can transmit the virus to other mosquitoes if bitten while viremic; the viremic stage usually begins the day before symptom onset and continues for five days.

Volume 6, Issue 6 Page 7

Dengue Fever Clinical Description

Dengue fever (DF) is most commonly an acute febrile illness defined by the presence of fever and two or more of the following, retro-orbital or ocular pain, headache, rash, myalgia, arthralgia, leukopenia, or hemorrhagic manifestations (e.g., positive tourniquet test, petechiae; purpura/ ecchymosis; epistaxis; gum bleeding; blood in vomitus, urine, or stool; or vaginal bleeding) but not meeting the case definition of dengue hemorrhagic fever. Anorexia, nausea, abdominal pain, and persistent vomiting may also occur but are not case-defining criteria for DF.

Dengue Laboratory Testing

Detailed information on clinical specimens and laboratory criteria to confirm dengue virus infection can be found here: http://www.floridahealth.gov/diseases-and-conditions/disease-reporting-and-management/disease-reporting-and-surveillance/documents/mosquito-guide-2013.pdf

If dengue virus infection is suspected, testing for chikungunya virus infection is recommended. Chikungunya virus will be covered in the July 2015 EPI Surveillance Report.

Guide to Interpretation and Classification of Common Dengue Laboratory Tests

Laboratory test	boratory test Days post-onset of sample Interpretation of collection positive result		Explanation			
Real Time-PCR	≤ 5 days	Confirmatory (*Note)	Patient viremic while febrile; days 0-7			
IgM (paired specimens, acute and convalescent)	≤ 5 days for acute specimen,> 5 days for convalescent.(ideally 2 weeks apart)	Confirmatory	Negative IgM in an acute specimen followed by a positive IgM in a convalescent speciment			
IgG (paired specimens, acute and convalescent)	 ≤ 5 days for acute specimen, > 5 days for convalescent. (ideally 2 weeks apart) 	Confirmatory	Must be 4 fold increase in titer between acute and convalescent specimen			
IgM (single serum specimen)	> 5 days	Probable	IgM can remain positive for ≥ 3 months in cases of acute dengue infection			

*Note: Only PCR for dengue or IgM ELISA-based antibody test can be used for diagnosis of dengue in single serum specimens

NB: Previous flavivirus infections and the high prevalence of dengue IgG antibody in some population (e.g., those resident in, or long-term visitors of dengue endemic countries) complicate interpretation of dengue serological test results. Therefore, a single serum sample tested using a dengue-specific IgG or combined IgM/IgG ("all antibody") test is generally not helpful for diagnosis of confirmed or probable cases of dengue. For this reason suspect cases are defined clinically and epidemiologically, without IgG or combined IgG/IgM serological testing. If only a single serum sample is available for testing, a test for dengue-specific IgM antibody is preferred.

Acute and/or convalescent sera from individuals with infections believed to be Florida-acquired must be forwarded to the Florida Department of Health Bureau of Public Health Laboratories (BPHL). Acute sera from individuals with infections believed to be acquired outside Florida should also be forwarded to BPHL. For instructions on how to forward specimens to BPHL, please contact the Florida Department of Health in Orange County during non-holiday weekdays at (407)858-1420.

Dengue Virus Florida Department of Health Disease Reporting and Management

Resources: Centers for Disease Control and Prevention

Name Colon		ORANGE			All Counties				
Acades Protecting 2019	Boundary Brown								
Browning 100	Reportable Diseases	2015	Mean			2015	Mean		Mean
Bediern Infant 0		2015	(2010 - 2014)	2015	(2010 - 2014)	2015	(2010 - 2014)	2015	(2010 - 2014)
Bouchasis	Arsenic Poisoning	0							4.4
Campy Induscriences 9 10.8 68 53.6 411 23.8 1877 100	Botulism: Infant	0	0	0	0	0	0	0	0.2
Carbon Monosate Prosenting	Brucellosis	0	0	0	0.2	0	0.4	3	5
Chitumgriays Feorr	Campylobacteriosis	9	10.8			411	231.8	1877	1130.6
Cociera (Vibrio choleren Pype Of)	Carbon Monoxide Poisoning	0	0	3	2.4	12	13.4	109	72.2
Cignaturia Fish Proteoming	Chikungunya Fever	1	1	3	1.2	6	9.6	79	14.6
Ceutred Jakob Disease (CJD)	Cholera (Vibrio cholerae Type O1)	0	0	2	0	0	0.8	4	2.6
Cyptosporidiosis	Ciguatera Fish Poisoning	0	0	1	0.2	3	4	14	13.6
Cyclosopiasis 0 0.8 0 1.2 1 5.4 1 Dengue Fever 0 0.2 0 3.5 5.4 20 Eastern Equine Encephalisis Neuroimassive Disease 0	Creutzfeldt-Jakob Disease (CJD)	0	0	0	0.2	0	1.8	14	10.2
Dengus Fever 0	Cryptosporidiosis	4	1.6	19	12.4	56	43.8	296	208.4
Durgue Fewer: Servere	Cyclosporiasis	0	0.8	0	1.2	1	5.4	1	13.2
Eastern Enuine Encephatis Neuroimasive Diseases	Dengue Fever	0	0.2	0	3	5	5.4	20	34.2
Enrichiesisk/Anaplasmosis HAG (Anaplasma phagocytophlum) Denrichicissisk/Anaplasmosis HAG (Anaplasma phagocytophlum) Denrichicissisk/Anaplasmosis HAG (Anaplasma phagocytophlum) Denrichicissisk/Anaplasmosis HAG (Anaplasma phagocytophlum) Denrichicissisk/Anaplasmosisk Undetermined Denrichissisk/Anaplasmosisk Undetermined Denrichissisk/Anaplasmosisk/Denrichissisk/Anaplasmosisk/Denrichissisk/Anaplasmosisk/Denrichissisk/Anaplasmosisk/Denrichissisk/Anaplasmosisk/Denrichissisk/Denrichissisk/Anaplasmosisk/Denrichissisk/Denric	Dengue Fever: Severe	0	0	0	0	0	0.2	0	0.4
Enrichiesis-Anaplasmosis: Medicinichia chaffeenisis) De 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Eastern Equine Encephalitis Neuroinvasive Disease	0	0	0	0	0	0	0	0.6
Ehrlichissi-Anaghamosis: Undetermined	Ehrlichiosis/Anaplasmosis: HGA (Anaplasma phagocytophilum)	0	0	0	0	0	0.6	1	1.8
Escherichia cott. Shiga Town-Producing (STEC) Infection	Ehrlichiosis/Anaplasmosis: HME (Ehrlichia chaffeensis)	0	0.2	0	0.4	6	3.2	13	10.4
Gardinsis: Acute 10	Ehrlichiosis/Anaplasmosis: Undetermined	0	0	0	0	0	0	0	0.2
Gardinsis: Acute 10	Escherichia coli: Shiga Toxin-Producing (STEC) Infection	1	0.8	9	5.2	38	36.8	217	186.6
Hansen's Disease (Leprosy)		10	4.2	40	30	107	102.4	478	606.4
Hansen's Disease (Leprosy)	Haemophilus influenzae Invasive Disease	0	2.4	3	9	15	21.8	92	145.8
Hembylik Clemic Syndrome (HLS)		0							4.2
Hepatitis A									2.8
Hepatitis B: Acute									59
Hepatitis B: Chronic									159.4
Hepatis B: Perinatal 0	•					_			2175.4
Hepatitis E: Surface Antigen in Pregnant Women	•	_				_			0.6
Hepatitis C: Acute									252.6
Hepatitis C. Chronic 166									79.8
Hepatitis D	·								13685.6
Hepatitis E	·	_				_			
Hepatis G	·								0.2
Herpse B Virus: Possible Exposure	·	_				_			1.8
Influenza A. Novel or Pandernic Strains 0 0 0 2.4 0 0.2 0 Influenza-Associated Pediatric Mortality 0 1 1 2.6 13 Leptospicosis 0 0 0 0 0 0 0 0 1 2 2.6 13 Leptorelosis 0	•								0.2
Influenza-Associated Pediatric Mortality	·	_							3.6
Lead Poisoning									29
Legionellosis				-	-				2.8
Leptospirosis						_			399.6
Listeriosis 0	3								99.2
Lymp Disease	Leptospirosis						0	1	0.4
Malaria 0 1.6 2 4.8 3 9.4 24 Measles (Rubeola) 0 0 0 1.2 0 0.2 11 Meningitis: Bacterial or Mycotic 0 1.6 0 5.8 14 18 65 Meningitis: Bacterial or Mycotic 0 0 0 0.4 1 4.4 16 Mercury Poisoning 0 0 0 0 0 0 2 1 10 Middle East Respiratory Syndrome (MERS) 0 0 0 0 0 0 0 0 1 4.4 16 Mcdle East Respiratory Syndrome (MERS) 0 0 0 0 0 0 0 1 10 1 Middle East Respiratory Syndrome (MERS) 0	Listeriosis								18.6
Measles (Rubeola)	Lyme Disease	0	0.4	2	1.8	21	10.6	81	40.8
Meningitis: Bacterial or Mycotic 0	Malaria	0	1.6	2	4.8	3	9.4	24	40
Meningococal Disease	Measles (Rubeola)	0	0	0	1.2	0	0.2	11	3.2
Mercury Poisoning 0 0 0 0 2 1 10 Middle East Respiratory Syndrome (MERS) 0 0 0 0 0 0 1 0 1 Mumps 0 0 0 0 0 0 1 0 1 Pertussis 0 1.2 9 12 8 52 160 Pesticide-Related Illness and Injury: Acute 0 0.4 0 1.4 2 7.4 5 Q Fever: Acute (Coxiella burnetii) 0	Meningitis: Bacterial or Mycotic	0	1.6	0	5.8	14	18	65	88.8
Middle East Respiratory Syndrome (MERS)	Meningococcal Disease	0	0.4	0	0.4	1	4.4	16	34.4
Mumps	Mercury Poisoning	0	0	0	0	2	1	10	4.4
Mumps 0	Middle East Respiratory Syndrome (MERS)	0	0	0	0.2	1	0	1	0.2
Pertiussis	. , , , , ,	0	0	0	0	1	0.6	13	6.6
Pesticide-Related Illness and Injury: Acute	·	0	1.2	9	12	8	52	160	251
Q Fever: Acute (Coxiella burnetii)		-							41.6
Rabies: Human	, ,								1.4
Rabies: Possible Exposure 7	,					-			0.2
Ricin Toxin Poisoning									1258
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis	' '								0.2
Rubella	3								3
Salmonellosis 41 29.2 122 102.8 604 523 2266 Shigellosis 7 21 46 60.8 268 221.2 1143 Staphylococcus aureus Infection: Intermediate Resistance to Vancomycin (VISA) 0	· · · · · · · · · · · · · · · · · · ·					_			0
Shigellosis 7 21 46 60.8 268 221.2 1143 Staphylococcus aureus Infection: Intermediate Resistance to Vancomycin (VISA) 0									2063
Staphylococcus aureus Infection: Intermediate Resistance to Vancomycin (VISA) 0 0 0 0 0 4 Strep pneumoniae Invasive Disease: Drug-Resistant 1 1.6 7 22.8 9 35.4 94 Strep pneumoniae Invasive Disease: Drug-Susceptible 1 1 11 15 22 35 168 Tetanus 0 0 0 0 0 1 0 2 Typhoid Fever (Salmonella Serotype Typhi) 0<									895.2
Strep pneumoniae Invasive Disease: Drug-Resistant 1 1.6 7 22.8 9 35.4 94 Strep pneumoniae Invasive Disease: Drug-Susceptible 1 1 11 15 22 35 168 Tetanus 0 0 0 0 0 1 0 2 Typhoid Fever (Salmonella Serotype Typhi) 0 <	0								
Strep pneumoniae Invasive Disease: Drug-Susceptible 1 1 1 1 15 22 35 168 Tetanus 0 0 0 0 0 0 1 0 2 Typhoid Fever (Salmonella Serotype Typhi) 0	, ,								1.4 377.2
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Typhoid Fever (Salmonella Serotype Typhi) 0 0 0 0.6 0 0.8 5 Vaccinia Disease 0 0 0 0 0 0 1 Varicella (Chickenpox) 1 2 6 17.8 45 46.8 414 Vibriosis (Grimontia hollisae) 0 0 0 0 0 0 0 1 Vibriosis (Other Vibrio Species) 0	, ,								376.2
Vaccinia Disease 0 0 0 0 0 0 1 Varicella (Chickenpox) 1 2 6 17.8 45 46.8 414 Vibriosis (Grimontia hollisae) 0 0 0 0 0 0 1 Vibriosis (Other Vibrio Species) 0 0 0 0 0 2 0.8 7 Vibriosis (Vibrio alginolyticus) 0 0.2 1 0.8 7 7.4 28 Vibriosis (Vibrio cholerae Type Non-O1) 0 0.2 0 0.4 0 1.8 4 Vibriosis (Vibrio fluvialis) 0 0 0 0 1 1 4 Vibriosis (Vibrio mimicus) 0 0 0 0 3 0.4 8 Vibriosis (Vibrio parahaemolyticus) 0 0 0 0 0.2 2 3.2 22		-				_			2.8
Varicella (Chickenpox) 1 2 6 17.8 45 46.8 414 Vibriosis (Grimontia hollisae) 0 0 0 0 0 0 0 1 Vibriosis (Other Vibrio Species) 0 0 0 0 2 0.8 7 Vibriosis (Vibrio alginolyticus) 0 0.2 1 0.8 7 7.4 28 Vibriosis (Vibrio cholerae Type Non-O1) 0 0.2 0 0.4 0 1.8 4 Vibriosis (Vibrio fluvialis) 0 0 0 0 1 1 4 Vibriosis (Vibrio mimicus) 0 0 0 0 3 0.4 8 Vibriosis (Vibrio parahaemolyticus) 0 0 0 0.2 2 3.2 22									6.2
Vibriosis (Grimontia hollisae) 0 0 0 0 0 1 Vibriosis (Other Vibrio Species) 0 0 0 0 2 0.8 7 Vibriosis (Vibrio alginolyticus) 0 0.2 1 0.8 7 7.4 28 Vibriosis (Vibrio cholerae Type Non-O1) 0 0.2 0 0.4 0 1.8 4 Vibriosis (Vibrio fluvialis) 0 0 0 0 1 1 4 Vibriosis (Vibrio mimicus) 0 0 0 0 3 0.4 8 Vibriosis (Vibrio parahaemolyticus) 0 0 0 0.2 2 3.2 22		-							0.2
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Vibriosis (Vibrio alginolyticus) 0 0.2 1 0.8 7 7.4 28 Vibriosis (Vibrio cholerae Type Non-O1) 0 0.2 0 0.4 0 1.8 4 Vibriosis (Vibrio fluvialis) 0 0 0 0 1 1 4 Vibriosis (Vibrio mimicus) 0 0 0 0 3 0.4 8 Vibriosis (Vibrio parahaemolyticus) 0 0 0 0.2 2 3.2 22	·								1
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Vibriosis (Vibrio fluvialis) 0 0 0 1 1 4 Vibriosis (Vibrio mimicus) 0 0 0 0 3 0.4 8 Vibriosis (Vibrio parahaemolyticus) 0 0 0 0.2 2 3.2 22									22.8
Vibriosis (Vibrio mimicus) 0 0 0 0 3 0.4 8 Vibriosis (Vibrio parahaemolyticus) 0 0 0 0.2 2 3.2 22						_			5.4
Vibriosis (Vibrio parahaemolyticus) 0 0 0 0.2 2 3.2 22									1.8
		0	0	0	0	3	0.4		1.8
	Vibriosis (Vibrio parahaemolyticus)	0	0	0	0.2	2	3.2		17.6
		0	0	0					8.4
West Nile Virus Non-Neuroinvasive Disease 0 0 0 0 0 0 0		0	0	0	0	0			0.4



Left to Right: Danielle Knight, Maritza Godwin, Jennifer Conaway, Debra Mattas, Lori Theisen, Ben Klekamp, Karen Coombs, Toni Hudson, Sarah Matthews, Jennifer Jackson Not Pictured: Jack Tracy, Charlene McCarthy, Debbie Andrews, Saadia Stephan

2015 Florida Department of Health Statewide Training Congratulations DOH-Orange Epidemiology!!!

Awards

- 1. Excellence in Epidemiology Sarah Matthews
- 2. Teamwork within a County Health Department for the May 2014 MERS-CoV Response
- 3. Teamwork Across County Health Departments for Response to Foodborne Illness Outbreak at a Holiday Lunch Buffet in Orange and Seminole Counties
- 4. Teamwork Across County Health Departments for Response to a case of Measles in Orange, Sarasota, Osceola, and Miami/Dade Counties

Other Disease Resources

In the structure of DOH-Orange, tuberculosis, sexually transmitted infections, and human immunodeficiency virus are housed in separate programs from the Epidemiology Program. We recognize the importance of these diseases for our community partners and for your convenience have provided links for surveillance information on these diseases in Florida and Orange County.

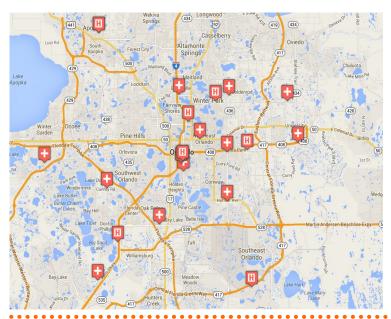
Florida Department of Health: ESSENCE



Hospital linked to ESSENCE



Florida Hospital Centra Care Clinic linked to ESSENCE



Since 2007, the Florida Department of Health has operated the Early Notification of Community-based Epidemics (ESSENCE), a state-wide electronic biosurveillance system. The initial scope of ESSENCE was to aid in rapidly detecting adverse health events in the community based on Emergency Department (ED) chief complaints. In the past seven years, ESSENCE capabilities have continually evolved to currently allow for rapid data analysis, mapping, and visualization across several data sources, including ED record data, Merlin reportable disease data, Florida Poison Information Network consultations, and Florida Office of Vital Statistics death records. The majority of the information presented in this report comes from ESSENCE. Florida currently has 186 emergency departments and 30 urgent care centers (Florida Hospital Centra Care) reporting to ESSENCE-FL for a total of 216 facilities.

Florida Department of Health in Orange County

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Phone: 407-858-1420 Fax: 407-858-5517

http://orange.floridahealth.gov/

Sign up for

Electronic Health Alerts & Epidemiology Monthly Surveillance Reports

Email Contact Information to:

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Toni Hudson, MSPH
Florida Epidemic Intelligence Service Fellow

Charlene McCarthy
Administrative Assistant

The Epidemiology Program conducts disease surveillance and investigates suspected occurrences of infectious diseases and conditions that are reported from physician's offices, hospitals, and laboratories.

Surveillance is primarily conducted through passive reporting from the medical community as required by Chapter 381, Florida Statutes.

Data is collected and examined to determine the existence of trends. In cooperation with the Office of Emergency Operations, the Epidemiology Program conducts syndromic and influenza-like-illness surveillance activities.

Syndromic surveillance was added to the disease reporting process as an active method of determining activities in the community that could be early indicators of outbreaks and bioterrorism.

Our staff ensures that action is taken to prevent infectious disease outbreaks from occurring in Orange County communities and area attractions. Along with many public and private health groups, we work for the prevention of chronic and long-term diseases in Central Florida.