



# The EPI gazette

Epidemiology Program •

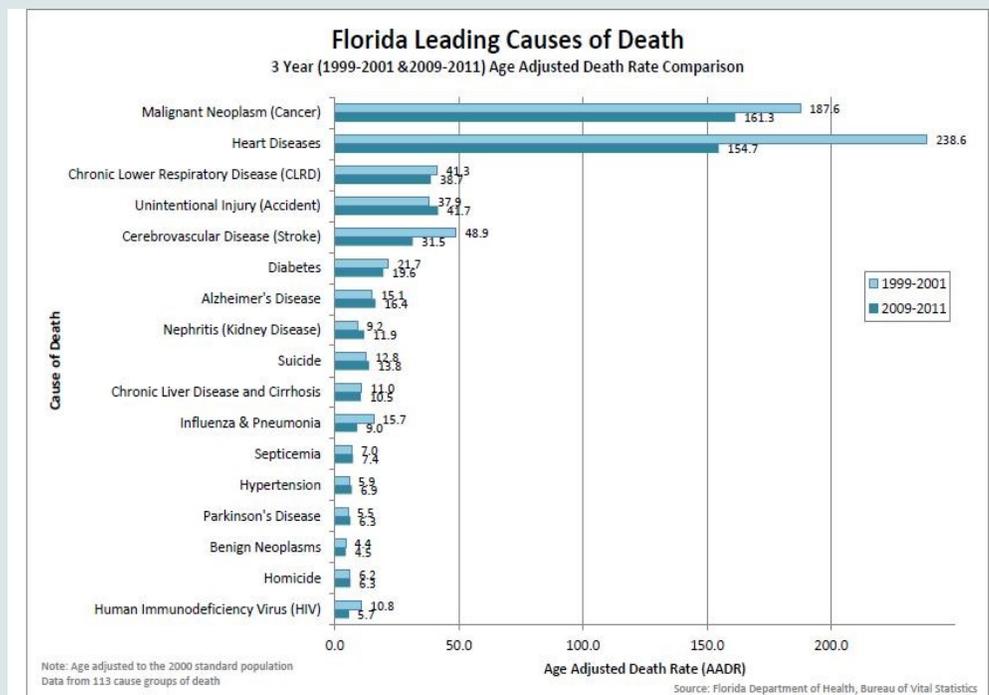
## A First-Hand Look

The Epi Gazette is known for keeping the public and health professionals in the know on infectious diseases. However, chronic diseases play a major role in health as most of the current leading causes of death are chronic. Keeping that in mind, the Epi Gazette has been revamped to include both chronic and infectious diseases as well as program highlights and data to keep you enlighten on how the health of Seminole County matches up to other counties and where the county ranks in the state.

For public health professionals here at the Florida Department of Health in Seminole County it is imperative that we continue to strive to make Seminole County the healthiest place for our residents and ourselves in the like. This is why the revision of the Epi gazette to include chronic diseases was crucial at this time.

### INSIDE THIS ISSUE:

- New Attitude  
PAGE 1
- Chronic Disease of the Quarter  
PAGE 2
- Arbovirus/Influenza  
PAGE 3
- Disease Incidence Table  
PAGE 4
- Disease Reporting/  
Department Highlights  
PAGE 5





# The Big “C”ancer

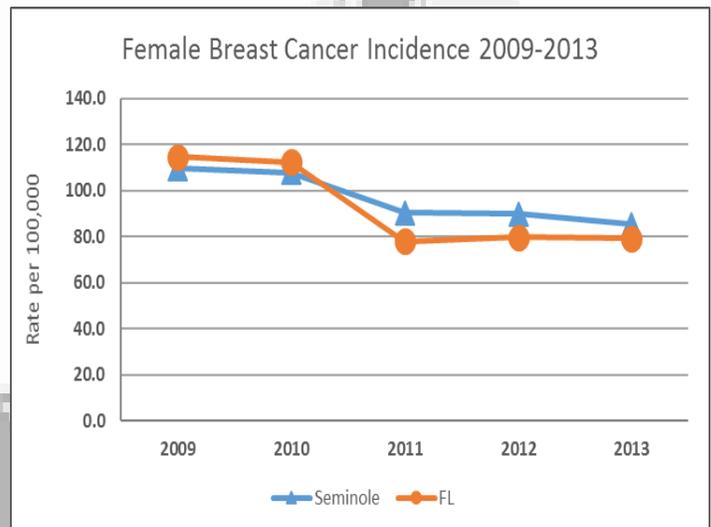


The Centers for Disease Control and Prevention (CDC) defines cancer as a term used for a disease in which abnormal cells divide without control and can invade other tissues. Cancer cells can spread to other parts of the body through the blood and lymph systems. Cancer is not just one disease, but many diseases and there are more than 100 kinds of cancer.

The number of incident cancer cases can be reduced and many cancer mortalities can be prevented. Research has shown that screening for cancers as recommended helps to prevent the diseases by finding precancerous lesions so they can be treated before they become cancerous. Screening helps to detect the disease at an early stage, when treatment is known to work best. The CDC offers free or low-cost screenings nationwide through programs housed at the health departments throughout the states.

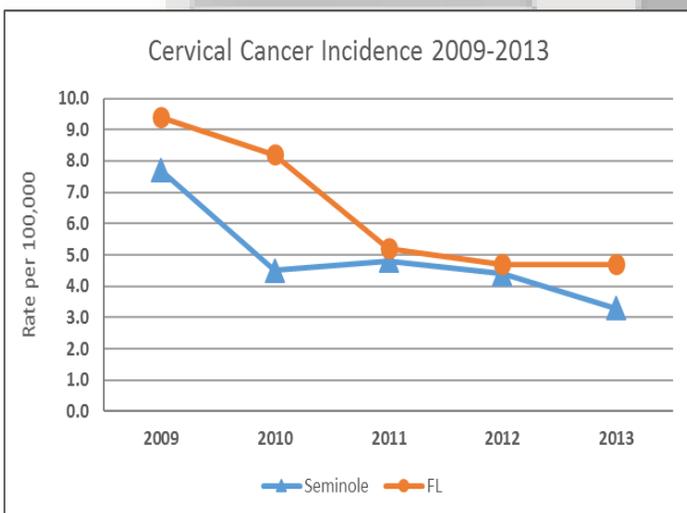
The Breast and Cervical Cancer Early Detection Program at the Florida Department of Health in Seminole County (DOH-Seminole) offers services such as: breast examinations, mammograms, and pelvic examinations for women who are residents of Lake, Orange, and Seminole counties and who

are 50 to 64 years of age. Care coordination is offered to all clients who receive an abnormal exam and women who are screened through the program and diagnosed with breast or cervical



cancer are referred to the Florida Medicaid Program for eligibility determination.

The Breast & Cervical Cancer Early Detection Program will be enrolling eligible women into the program on Sunday, April 9, 2017 at the “He Got Up” event at the Camping World Stadium located at 1610 W Church St, Orlando, FL 32805. To learn more about the signs, symptoms, and risks for Breast and Cervical cancer call to schedule an individual or group informational session at (407)-665-3244.



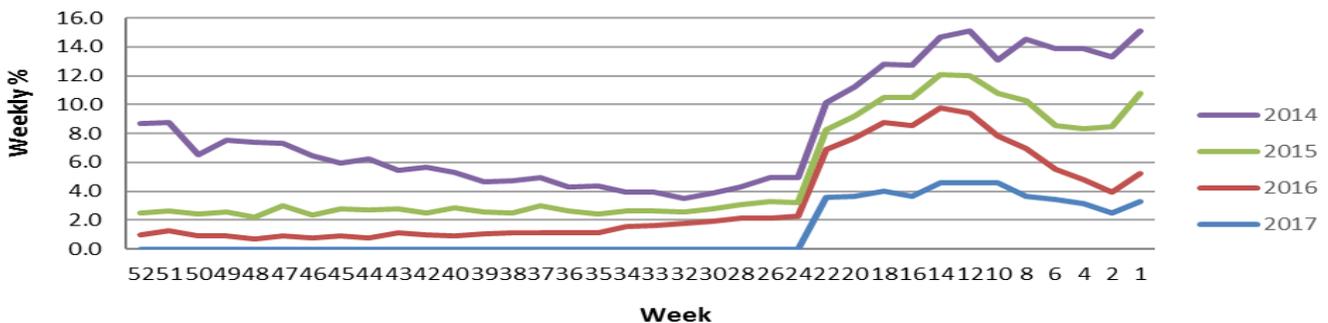
# Influenza Surveillance

**Local:** Seminole County is reporting **MILD** flu activity. Three **influenza outbreaks** have been reported in Seminole for the 2016-2017. The ESSENCE Syndromic Surveillance system is showing increasing influenza-like illness (ILI) chief complaints.

**State:** Florida is currently reporting **WIDESPREAD** flu activity. Influenza activity has steadily **INCREASED** in recent weeks. **One hundred eighteen** influenza and/or ILI outbreaks have been reported this flu season. **Four** influenza-associated pediatric deaths have been reported so far this season in Florida. Most deaths occur in unvaccinated children with underlying health conditions. Children, especially those with underlying health conditions, are at higher risk of severe outcomes from influenza infection.

**National: Decreased** levels of flu activity are being reported nationwide. The predominantly circulating strain in recent weeks is Influenza A (H3). Seasons in which influenza A (H3) predominates have been associated with more severe illness, particularly in young children and adults  $\geq 65$  years old. Additional information can be found at the following link: <http://emergency.cdc.gov/han/han00374.asp>

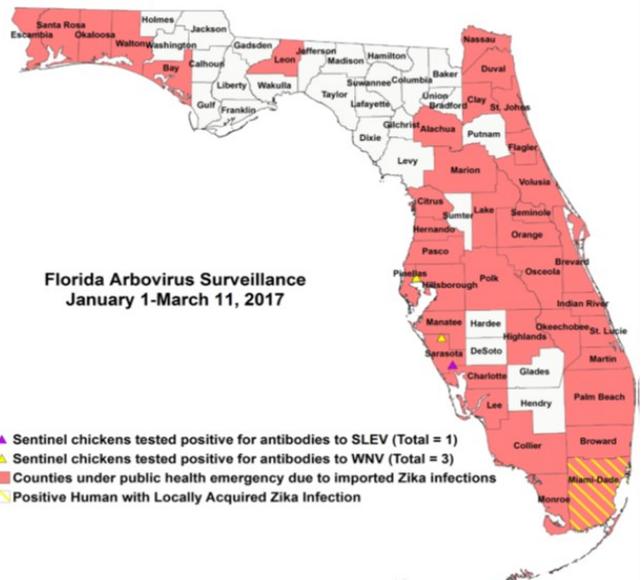
**ESSENCE Influenza-Like Illness Chief Complaints, Seminole County, FL 2014-2017**



# Arbovirus Surveillance

## Seminole County Mosquito-borne Illness Statistics 2017 Year to Date:

- West Nile Virus: 0
- Eastern Equine Encephalitis: 0
- St. Louis Encephalitis: 0
- Dengue: 0
- Chikungunya: 0
- Malaria: 0
- Zika Virus: 27 travel-related cases from 2016-2017



## Disease Incidence Table-Seminole County

Selected Diseases/Conditions Reported to DOH-Seminole	2017 through Week 11	2016 through Week 11	2015 through Week 11	2014–2017 Average through Week 11
AIDS*				
<b>Animal Bite to Humans**</b>	13	10	3	7.8
Animal Rabies	0	0	2	0.5
Campylobacteriosis	11	13	12	10.0
Chlamydia	277	279	266	255.0
Cryptosporidiosis	1	1	4	1.8
Cyclosporiasis	0	0	0	0.0
Dengue	0	2	1	0.8
E. coli Shiga toxin-producing	1	1	0	1.0
Giardiasis	1	3	4	2.3
Gonorrhea	85	62	70	66.3
Haemophilus influenzae (invasive)	1	0	0	0.3
Hepatitis A	0	0	0	0.0
Hepatitis B (acute and chronic)	14	20	12	12.8
Hepatitis C (acute and chronic)	82	53	50	64.0
Hepatitis B in Pregnant Women	1	0	0	0.3
<b>HIV</b>	2	5	6	5.0
Lead poisoning	7	0	1	2.3
Legionellosis	1	2	3	1.8
Meningococcal Disease	0	0	0	0.0
Pertussis	3	2	1	2.0
Salmonellosis	7	7	10	8.0
Shigellosis	3	0	4	1.8
S. pneumoniae – drug resistant	2	2	3	2.3
Syphilis	16	10	20	14.3
Tuberculosis	0	0	1	0.8
Varicella	4	1	5	3.5

- \* AIDS data was unavailable at the time of publication.
- \*\*Animal bite to humans by a potentially rabid animal resulting in a county health department or state health office recommendation for post-exposure prophylaxis (PEP), or a bite by a non-human primate.

Reported cases of diseases/conditions in **Bold** are >10% higher than the previous three year average for the same time period.

**\*\*\*All Data is Provisional \*\*\***



# Disease Reporting

*The Epidemiology Program conducts disease surveillance and investigates suspected occurrences of infectious diseases and conditions 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.*

*To report a reportable disease or outbreak during business hours please use the [Report of Communicable Disease Form](#) or Contact the Division of Epidemiology at 407-665-3266.*

*To report an urgent reportable disease or outbreak after hours, call 407-665-3266 and follow the instructions to reach the on-call Epidemiologist.*

[Reportable Diseases/Conditions in Florida - Practitioner List](#)

[Reportable Diseases/Conditions in Florida - Laboratory List](#)

[Disease Reporting Information for Health Care Providers and Laboratories](#)

**Foodborne Illnesses Reporting Links:**

[Report illnesses due to food online 24/7](#)

[Report unsafe or unsanitary conditions](#)

**Disaster Preparedness Link:** <http://www.floridadisaster.org/index.asp>

## MISSION

To protect, promote and improve the health of all people in Florida through integrated state, county and community efforts

## VISION

To be the Healthiest State in the Nation

## VALUES

- Innovation
- Collaboration
- Accountability
- Responsiveness
- Excellence

## ADDRESS

400 West Airport Boulevard  
Sanford, FL 32773




---

## Contact Information

**Donna Walsh**, Health Officer

**Tania Slade**, Epidemiology and Tuberculosis Program Manager 407-665-3266

**Gladys Fernando**, Epidemiology 407-665-3018

**Iris Quinn**, Tuberculosis 407-665-3180

**Willie Brown**, HIV/AIDS/Immunizations 407-665 3690

**Vicky Lozada**, ADAP 407-665-3289

### Authors

**Dr. Kelsi Williams**, Epidemiology 407-665-3294

**Kenyatta Badgett**, Epidemiology 407-665-3369