

# Expanding Florida's Surveillance System in Orange County to Better Track Urgent Care Data Among the Tourist Population

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# Outline

- Background
  - Orange County
  - Epidemiology Program
- Biosurveillance System
- Project
- Next Steps

# Orange County, FL

- Over 1.2 million residents
  - White: 68.7%
  - Hispanic or Latino: 29.8%
  - Black or African American: 22.3%
  - Asian: 5.6%
  - American Indian and Alaskan Native: 0.6%
  - Native Hawaiian and other Pacific Islander: 0.2%
  - Foreign born persons: 19.7%
- Over 63 million annual tourist visits



# Epidemiology Program

- Florida Department of Health in Orange County (DOH-Orange)
  - Counties fall under State Health Office
- Investigate Diseases and Outbreaks/Clusters
  - 3,500 diseases
  - 40 outbreaks
- High-risk Investigations
  - MERS
  - Ebola

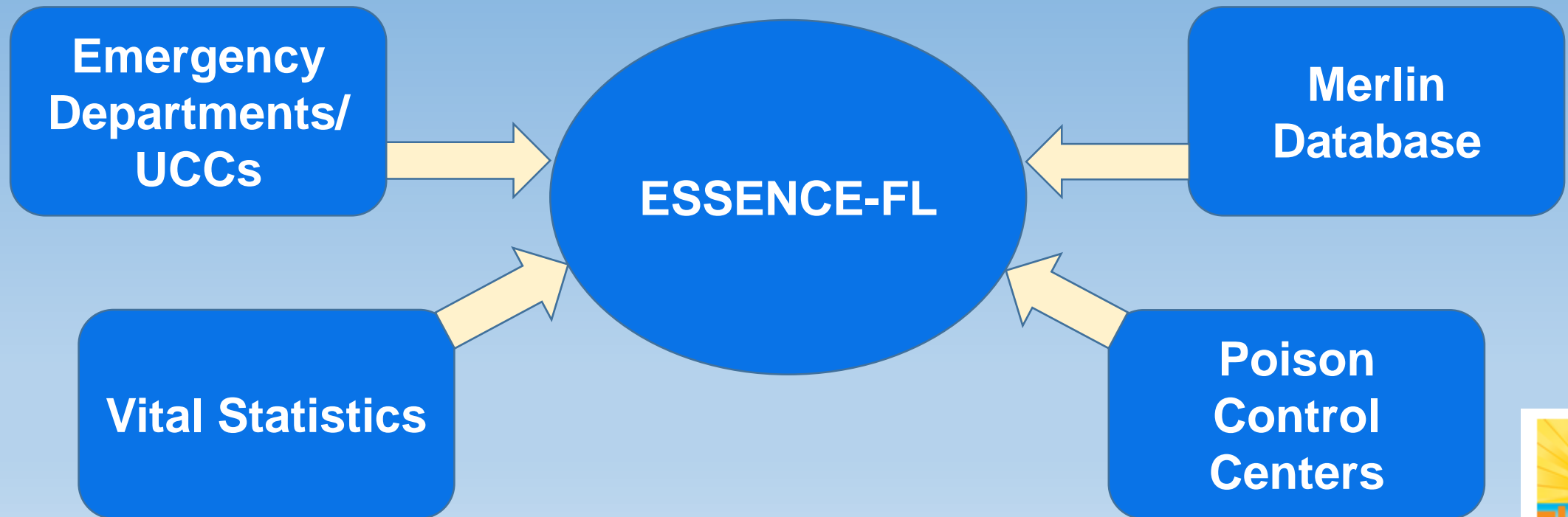
# Zika Response

County	Cases (N) – all imported
Miami-Dade	351
Broward	188
Orange	163
Palm Beach	65

*As of 03/20/2017*

- DOH-Orange clinics largest prenatal care provider in Orange County
  - Over 300 pregnant women tested at our clinics during August 2016 – February 2017
- Passive surveillance – medical community partners

# Electronic Surveillance System for the Early Notification of Community-based Epidemics (ESSENCE-FL)

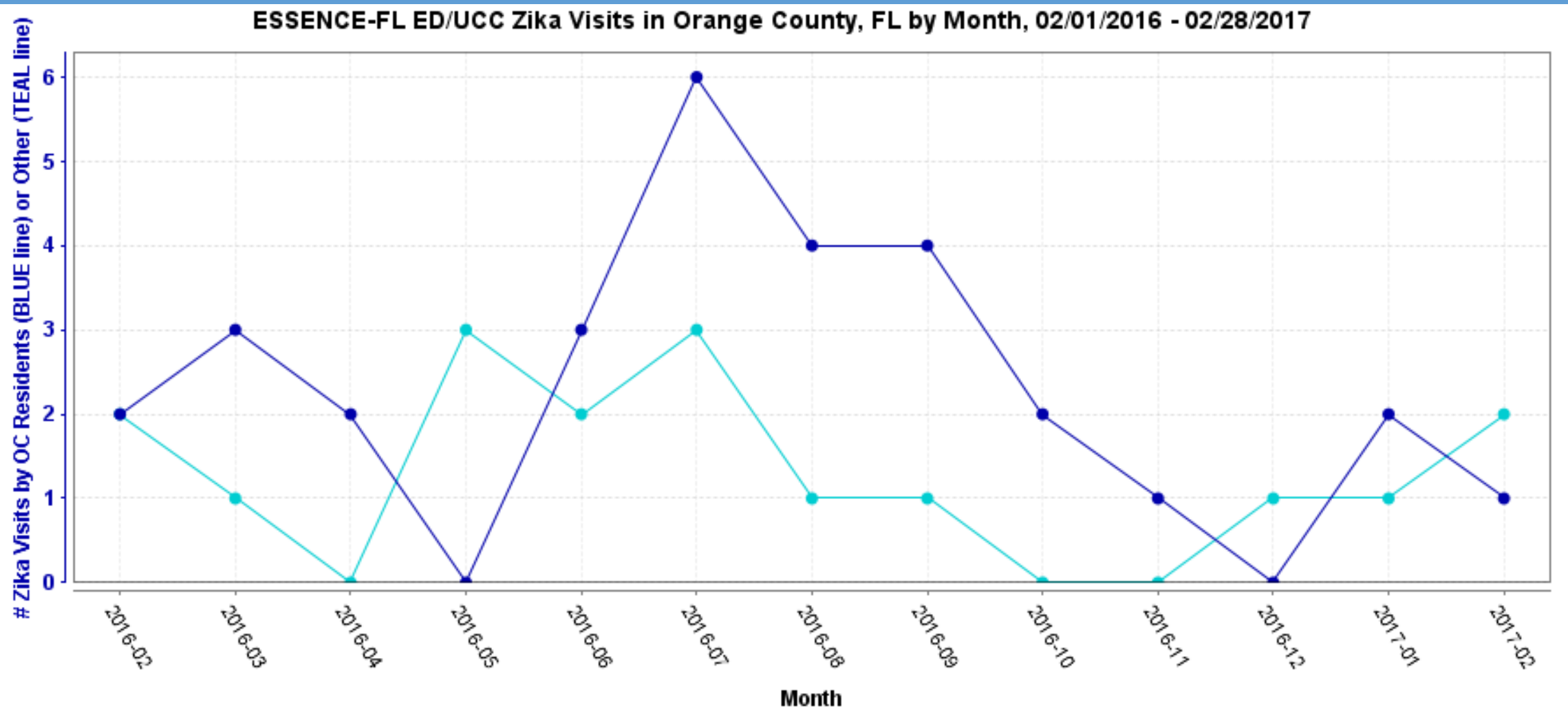


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# ESSENCE-FL Visits of Interest Notification

Date	CCDD	Patient Location	Facility	Facility Location
12/02/2016	FEVER COUGH CONGESTION   Zika virus disease	Orange	Florida Hospital Kissimmee	Osceola
12/02/2016	COUGHING UP BLOOD VOMITING BLOOD   Contact with and (suspected) exposure to tuberculosis	Highlands	Florida Hospital Orlando	Orange
12/02/2016	HEPATITIS B	Orange	Urgent Care - FH Centra Care Dr Phillips	Orange

- Orange County
- 10 Hospital EDs
  - 12 UCCs



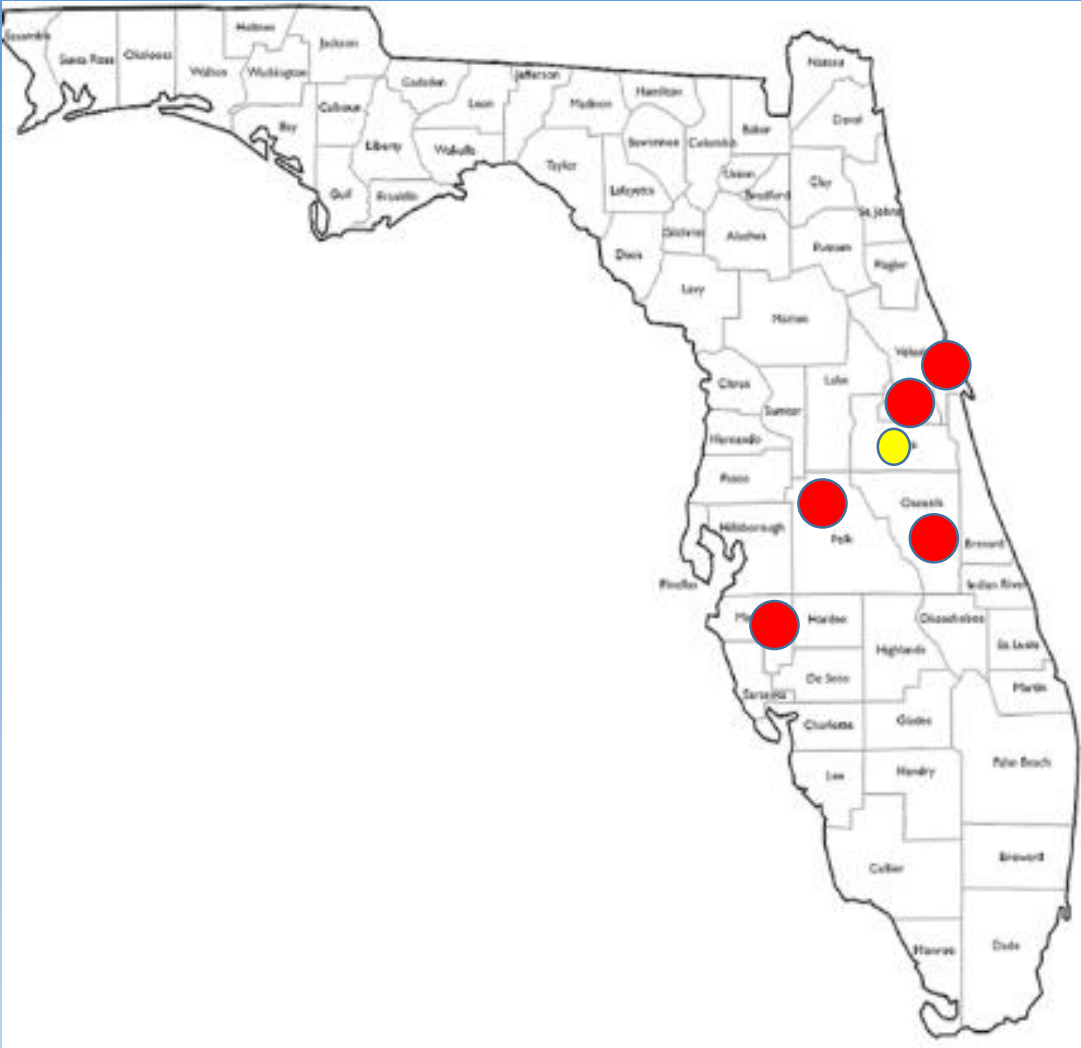
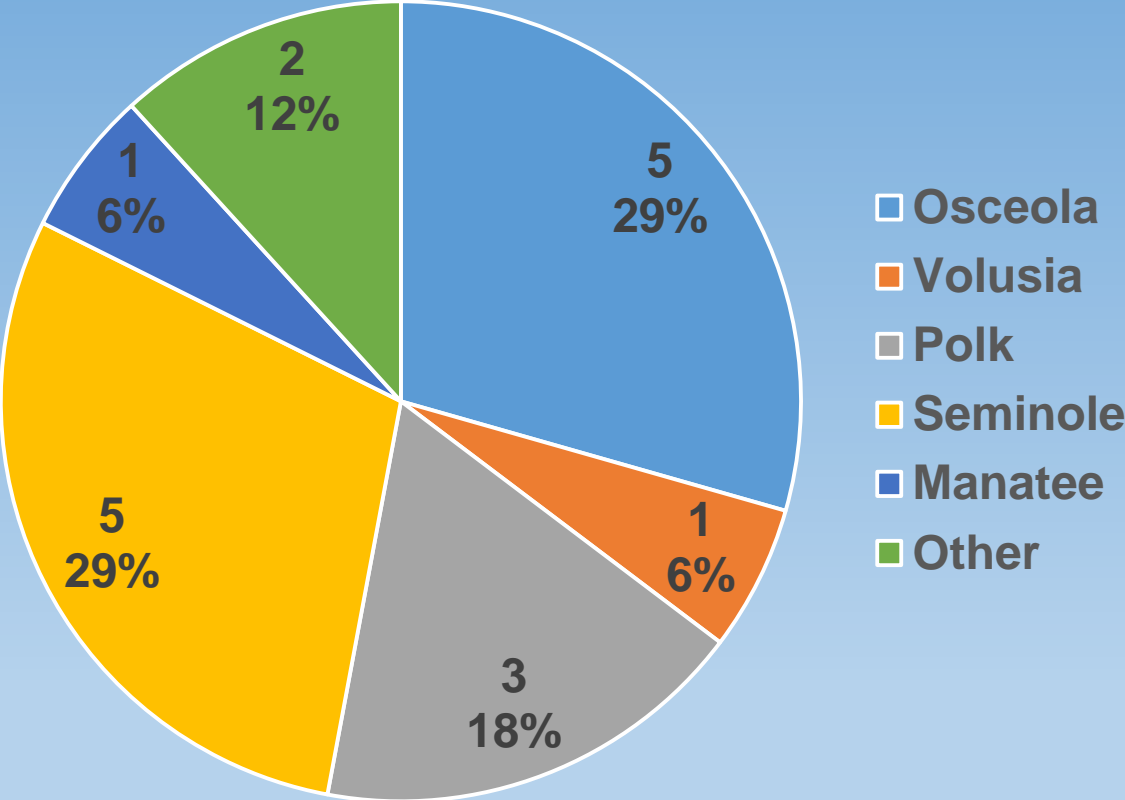
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# Zika Visits by Non-Orange County Residents (n=17)



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# Purpose

To conduct surveillance on the tourist population to better identify emerging infections

# Identification

- ESSENCE-FL
- Google Maps
  - “Urgent Care”, “Urgent Care Center”
- Yellow Pages online
- Individual websites - chains
- Urgent Care Association of America  
<http://www.ucaoa.org/>

# Line List

ID	Healthcare Facility	Address	ESSENCE-FL	Phone Number	Company	Hospital Affiliate	Electronic Health Record	See Medicaid Patients (Y/N)	LATITUDE	LONGITUDE
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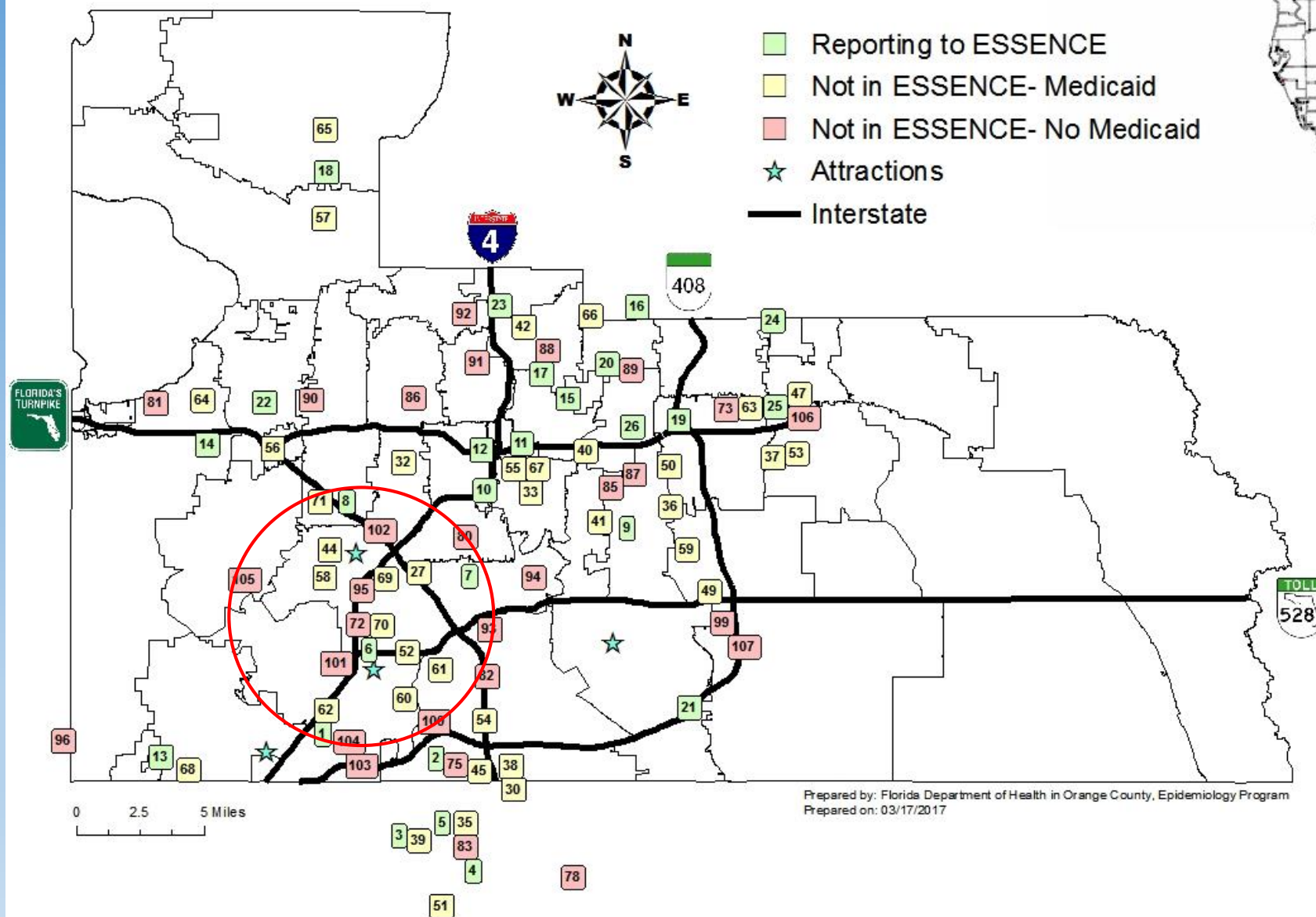
# Line List

ID	Healthcare Facility	Address	ESSENCE-FL	Phone Number	Company	Hospital Affiliate	Electronic Health Record	See Medicaid Patients (Y/N)	LATITUDE	LONGITUDE
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ANCE  
Medicaid  
No Medicaid



# Prioritization

- Determine a capture radius based on hypothesized tourist activity
- Plot radii on each of the predetermined major points of interest
- Identify HC facilities that are not reporting to ESSENCE-FL
- Identify HC facilities that are part of a chain and lie within the parameters of interest
- Identify HC facilities that serve Medicaid patients
- Consider length of time HC facility established
- Consider hours of operation

# Next Steps

- Target and recruit facilities for enrollment in ESSENCE-FL
  - State and local effort



# Contact Information:

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Thank you.