

EPIGRAM

PRODUCED BY DISEASE CONTROL SERVICES
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2015-2016 SEASONAL INFLUENZA UPDATE—WANING FROM PEAK, SPORADIC ACTIVITY

State and Local Influenza Surveillance

Florida reported “sporadic” activity to the Centers for Disease Control and Prevention (CDC) for week 15 (April 10-16). In week 15, the majority of counties reported “mild” or no influenza activity. Emergency Department (ED) and urgent care center (UCC) visits have continued to decline to previous seasonal levels.

In Nassau County, sporadic influenza like illness (ILI) continuous to be reported. In week 15, 2% of Nassau county residents ED visits were for ILI (seasonal baseline: 1%) and 40% of Nassau public schools reported ILI in student visits to school clinics.

Statewide, Influenza activity peaked in weeks 7 to 11 (mid-February to mid-March) (see Figure 1). *The 2015-2016 flu season has been the latest seasonal activity observed in the last six seasons.*

Antivirals continue to be effective as post exposure chemoprophylaxis to close contacts, and to shorten the duration and severity of infection when used early in the course of illness. The CDC recommends that high risk individuals (such as children and pregnant women), or very ill patients suspected of having influenza, should receive prompt treatment with antiviral drugs, even prior to laboratory confirmation.

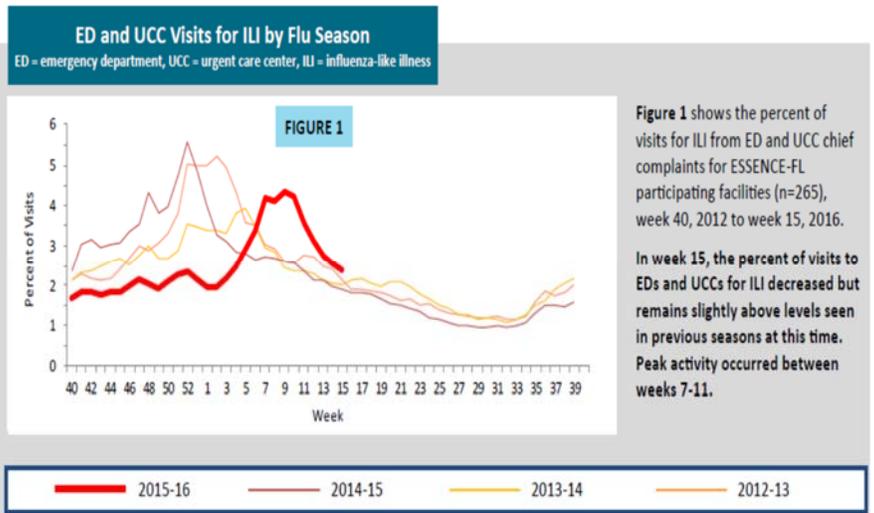


Figure 1. ED and UCC ILI visits, Florida 2015-2016 and previous 3-year comparison. Late 2015-2016 seasonal peak in weeks 7 to 11; declining in week 15, nearing historical seasonal baseline. Source: DOH *Florida Flu Review* at www.floridahealth.gov/Floridaflu

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DISEASE REPORTING

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NASSAU COUNTY CONTACTS

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Confidential Fax Line:
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Yulee Clinic

528 Page's Dairy Road
Yulee, FL 32097
(904) 530-6840

Callahan Clinic

208 Mickler Street
Callahan, FL 32011
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Hilliard Clinic

37203 Pecan Street
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Influenza A 2009 (H1N1) has been the most common influenza subtype identified by Florida DOH Bureau of Public Health Laboratories (BPHL) this season. As we transition into the summer months, it is not uncommon for the predominately circulating strain of influenza to change.

National Influenza Activity

Nationally, influenza activity continues to decrease. Data suggests that influenza activity peaked nationally around week 10, which closely coincided with the peak in Florida. Some states are reporting widespread influenza activity (Northeastern states to Virginia, parts of the Midwest and California, New Mexico and Alaska).

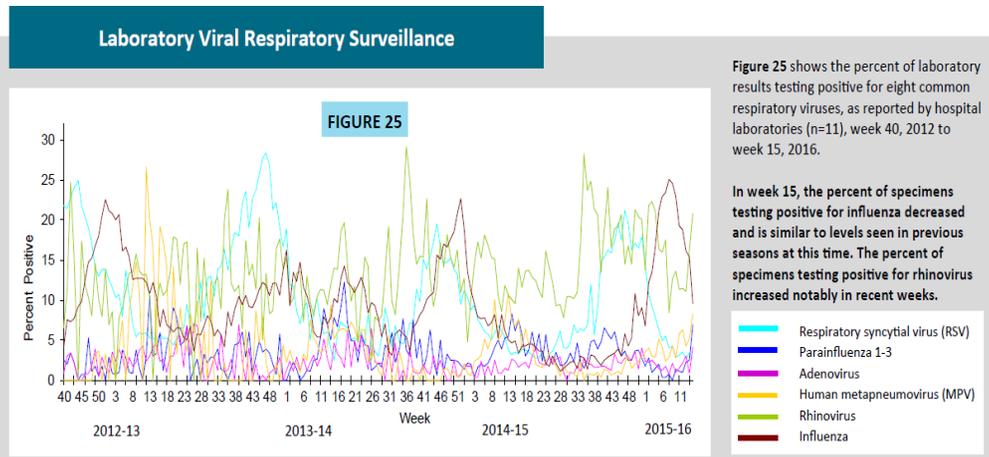


Figure 2. DOH Bureau of Laboratory (BOL) conducts ongoing Viral Respiratory surveillance for Respiratory syncytial virus (RSV), Parainfluenza 1-3, Adenovirus, Human metapneumovirus(MPV), Rhinovirus, and Influenza

Other viral respiratory illness surveillance—Influenza declining, Rhinoviruses increasing

Florida DOH BPHL conducts year round viral respiratory surveillance for selected human pathogenic viruses: Respiratory syncytial virus (RSV), Parainfluenza 1-3, Adenovirus, Human metapneumovirus(MPV), Rhinovirus, and Influenza. According DOH BPHL, the per cent of specimens testing positive for influenza has decreased to levels seen in previous years. However, *rhinoviruses have increased* in the past 4 weeks (beginning week 11 to week 15) (See Figure 2) (Full DOH weekly surveillance report: www.floridahealth.gov/floridaflu).

Zika Update

Cases of Zika continue to be reported weekly in Florida. To date, 91 cases have been reported (laboratory confirmed). Of the cases confirmed in Florida, all cases are travel-associated. There have been no locally-acquired cases of Zika in Florida. Florida has confirmed sexual transmission of Zika case from an individual who had Zika exposure from travel out of the country. Texas has reported male to male sexual transmission during anal sex, while one partner (who had recent travel history to Venezuela and mosquito exposure) was symptomatic. The Centers for Disease Control and Prevention (CDC) has issued guidance related to the sexual transmission of the Zika virus. CDC recommends barrier methods (e.g., rubber dam, male and/or females condoms) for prevention of sexual transmission during anal sex or vaginal intercourse. This includes the recommendation that travelers to a country with local transmission of Zika should abstain from unprotected sex for at least six months. Duration of virus in semen is still undetermined but may be at least six months, therefore pregnant women should use protection (condoms, abstain) during sex for the entire pregnancy. Sexual transmission from female to male during vaginal intercourse has not been reported.

The Florida Department of Health is maintaining heightened surveillance activities for imported Zika and can assist clinicians with testing and consultation when Zika illness is suspected. Contact DOH Nassau (see 24/7 contact information page 1) to request Zika virus testing for patients with consistent signs and symptoms, and travel history to an area affected by Zika virus transmission.

Zika is an immediately reported to public health on suspicion to the county health department. The CDC recommends that a pregnant woman with a history of Zika virus and her provider should consider additional ultrasounds. According to the CDC, Zika illness is generally mild with a rash, fever and joint pain. CDC researchers have now confirmed a link between the Zika virus and harm to unborn babies exposed during pregnancy.

For the most current Zika clinical guidance, monitor the CDC site for the latest information on transmission, testing and travel advisories at <http://www.cdc.gov/zika/>

**For Florida Residents and Visitors: Florida Department of Health sponsors the
Zika Virus Information Hotline 1-855-622-6735**

DOH NASSAU HEALTH BULLETINS, ADVISORIES AND ALERTS ISSUED

- ✦ *March 3, 2016, Media release, 2016-2018 Community Health Improvement Plan Partnership for a Healthier Nassau (PHN) presented the 2016-2018 Nassau Community Health Improvement Plan (CHIP) on Wednesday, February 24th, 2016.*
- ✦ *March 29, 2016, Media release, DOH Nassau Celebrates National Public Health Week 2016; During National Public Health Week 2016 (April 4-10), Florida Department of Health in Nassau County (DOH Nassau) expresses appreciation, that together, with our community partners, we have made great strides to improve overall public health in Nassau County, and thanks to our many public health partners, we celebrate achieving national public health accreditation.*
- ✦ *April 14, 2016, Media release and blast fax to pediatricians and obstetricians; Invitation to Community Meeting to Address Infant Deaths and contributing disparities on April 27th (see full invitation on page 4).*

For additional information regarding bulletins, advisories and alerts visit the DOH Nassau website or Department of Health Online Newsroom at: <http://www.nassau.floridahealth.gov> and <http://newsroom.doh.state.fl.us>

MARCH 2016: REPORTED CASES IN NASSAU COUNTY

Confirmed, Probable, Suspect, Unkown Cases of Multiple Diseases with Report Date 03/01/2016 to 03/31/2016 with Three-Year Period Comparison for Nassau County									
Disease Name	Selection Date 03/01/16 - 03/31/16		Comparison Date 1 03/01/15 - 03/31/15		Comparison Date 2 03/01/14 - 03/31/14		Comparison Date 3 03/01/13 - 03/31/13		
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	
County: NASSAU									
Campylobacteriosis	1	4.76	0	0.00	1	8.33	0	0.00	
Carbon Monoxide Poisoning	0	0.00	0	0.00	1	8.33	0	0.00	
Cryptosporidiosis	1	4.76	0	0.00	0	0.00	0	0.00	
Giardiasis, Acute	3	14.29	0	0.00	0	0.00	0	0.00	
Haemophilus influenzae Invasive Disease	0	0.00	1	7.69	0	0.00	0	0.00	
Hepatitis B, Acute	0	0.00	0	0.00	0	0.00	1	5.56	
Hepatitis B, Chronic	0	0.00	2	15.38	2	16.67	0	0.00	
Hepatitis C, Acute	0	0.00	0	0.00	1	8.33	0	0.00	
Hepatitis C, Chronic	7	33.33	7	53.85	6	50.00	9	50.00	
Lead Poisoning	0	0.00	0	0.00	1	8.33	0	0.00	
Pertussis	5	23.81	0	0.00	0	0.00	0	0.00	
Rabies, Possible Exposure	2	9.52	1	7.69	0	0.00	1	5.56	
Salmonellosis	1	4.76	0	0.00	0	0.00	1	5.56	
Strep pneumoniae Invasive Disease, Drug-Resistant	0	0.00	2	15.38	0	0.00	2	11.11	
Strep pneumoniae Invasive Disease, Drug-Susceptible	1	4.76	0	0.00	0	0.00	0	0.00	
Varicella (Chickenpox)	0	0.00	0	0.00	0	0.00	4	22.22	
TOTAL:	21	100.00	13	100.00	12	100.00	18	100.00	
STATEWIDE TOTAL									
Campylobacteriosis	270	5.97	284	5.85	233	5.95	156	4.42	
Carbon Monoxide Poisoning	12	0.27	33	0.73	13	0.33	41	1.17	
Cryptosporidiosis	35	0.77	57	1.26	21	0.54	22	0.63	
Giardiasis, Acute	89	1.97	82	1.82	80	2.04	76	2.16	
Haemophilus influenzae Invasive Disease	23	0.51	13	0.29	31	0.79	22	0.63	
Hepatitis B, Acute	40	0.88	45	1.00	28	0.72	19	0.54	
Hepatitis B, Chronic	487	10.77	498	11.04	390	9.97	414	11.77	
Hepatitis C, Acute	13	0.29	18	0.40	19	0.49	18	0.51	
Hepatitis C, Chronic	2473	54.71	2355	52.19	1844	47.14	1803	51.25	
Lead Poisoning	61	1.35	83	1.84	127	3.25	46	1.31	
Pertussis	28	0.62	33	0.73	71	1.81	32	0.91	
Rabies, Possible Exposure	268	5.93	248	5.50	201	5.14	221	6.28	
Salmonellosis	291	6.44	257	5.70	239	6.11	260	7.39	
Strep pneumoniae Invasive Disease, Drug-Resistant	12	0.27	14	0.31	65	1.66	66	1.88	
Strep pneumoniae Invasive Disease, Drug-Susceptible	55	1.22	38	0.84	63	1.61	55	1.56	
Varicella (Chickenpox)	62	1.37	90	1.99	50	1.28	85	2.42	
Other remaining conditions in FL (not shared w/ Nassau County)	301	6.66	384	8.51	437	11.17	182	5.17	
TOTAL:	4520	100.00	4512	100.00	3912	100.00	3518	100.00	

A list of Florida's reportable diseases and conditions can be accessed electronically at: http://www.floridahealth.gov/diseases-and-conditions/disease-reporting-and-management/documents/reportable-diseases/documents/Reportable_Diseases_List_Practitioners.pdf

EPIGRAM



April 14, 2016

Community Meeting To Address Disparities in Infant Death

Contact:

Mary von Mohr
Mary.VonMohr@FLHealth.gov
(904) 530-6761

Nassau County - On Wednesday, April 27th the Florida Department of Health in Nassau County will host a community meeting to discuss disparities linked with Nassau County infant deaths and the role of social determinants of health. This meeting is provided in partnership with the Nassau County Infant Mortality Taskforce (NCIMTF) and will include a short video from the “Raising of America” documentary which addresses health disparities. We welcome the community and want to hear your ideas.

Plan to join us from 11:30-12 for the 30 minute viewing of “The Raising of America - Early childhood and the Future of our Nation.” A formal presentation and discussion will follow from 12-1:30. We will review data and brainstorm the causes and solutions impacting our babies. Location: Yulee Full Service School, 86207 Felmor Road, Yulee FL, 32097. For more information please call Mary von Mohr, Florida Department of Health at (904) 530-6761.

About the Florida Department of Health

The department, nationally accredited by the [Public Health Accreditation Board](#), works to protect, promote and improve the health of all people in Florida through integrated state, county and community efforts.

Follow us on Twitter at [@HealthyFla](#) and on [Facebook](#). For more information about the Florida Department of Health please visit www.FloridaHealth.gov.

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