



# Under the Scope

Florida Department of Health in Indian River County



## Winter 2014

**Miranda Hawker, MPH**  
Administrator

**Patricia Lewis, MD**  
Executive Medical Director

**Rose Parker, RN**  
Director of Nursing

**Maureen Feaster, RN**  
Community Health Nursing  
Consultant, Epidemiology

**Cheryl Dunn, RS**  
Environmental Health Manager

**Barb Proguiske, DVM, MPH**  
Environmental Health Consultant  
Editor

**Main Location**  
1900 27th Street  
Vero Beach, FL 32960  
772-794-7400

**Gifford Health Center**  
4675 28th Court  
Vero Beach, FL 32967  
772-770-5151

<http://indianriver.floridahealth.gov>

### Inside this Issue:

2014-15 Flu Season 1  
- Off to an early start!

Reportable Disease 2  
Summary

Happy Holidays! 3



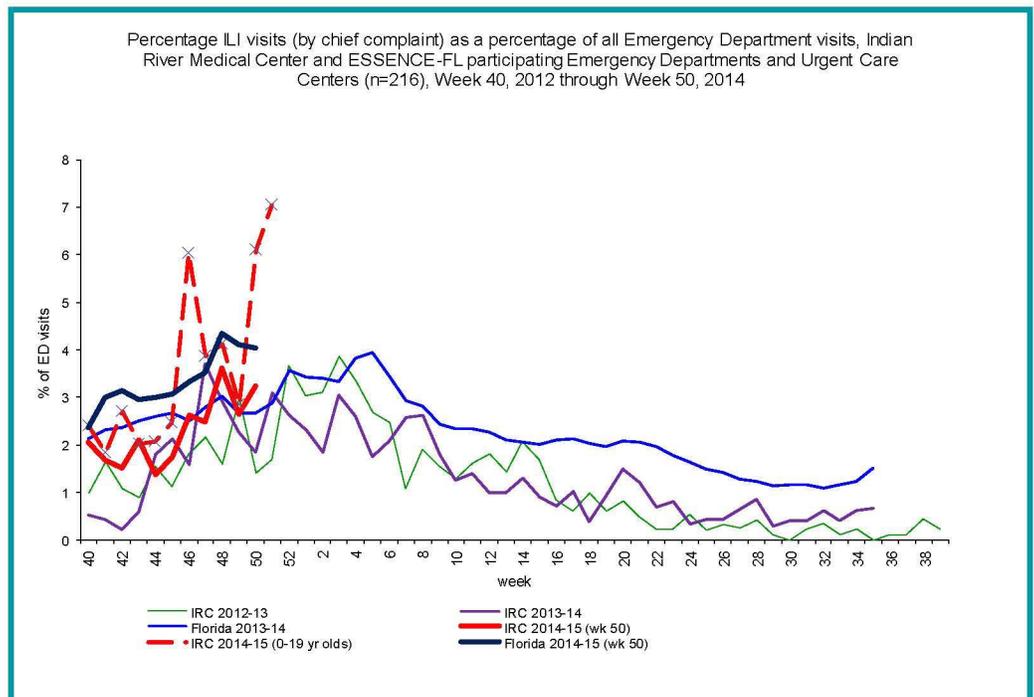
## 2014-15 Flu Season - Off to an early start!

The 2014-15 influenza season is off to an early start. Influenza A (H3N2) is currently the predominant circulating strain. More than half of the H3N2 viruses analyzed since 1 October are genetically different from the H3N2 component of the influenza vaccine (A/Texas/50/2012). Most of these are similar to A/Switzerland/9715293/2013, the H3N2 virus selected for the Southern Hemisphere influenza vaccine. Because of this, the current season's flu vaccine may not be as effective against these H3N2 viruses, but does provide protection against other strains of circulating influenza. This is why the Centers for Disease Control and Prevention (CDC) and Florida Department of Health is urging anyone 6 months of age and older to get their flu shot. Vaccination is particularly important for people at risk for serious flu-related complications, as well as their close contacts. This includes people with asthma, diabetes, heart disease, the elderly, infants and pregnant women.

Historically, flu seasons in which H3N2 strains predominate (this could be one such season) are associated with more severe disease and higher mortality among young children and the elderly. Influenza activity is currently widespread throughout Florida, and in Indian River County, but is highest in children. Emergency department visits for influenza-like illness (ILI) are currently highest among children, whose illness usually precedes illness among adults and the elderly. The figure below shows the percentage of emergency department visits for ILI at Indian River Medical Center between week 40 (week beginning on 09/29/2014) and week 50 (week beginning 12/07/2014). Children up to 19 years of age are represented by the dashed red line.

Dr. Anna Likos, State Epidemiologist, has provided guidance for health care providers regarding influenza vaccination, antiviral use and chemoprophylaxis. This, and other guidance and resources, can be found at: <http://www.floridahealth.gov/diseases-and-conditions/influenza/index.html>.

Flu shots are offered at a variety of locations throughout Indian River County. For children ages 6 months through 18 years, they are offered at no cost at the Gifford Health Center, located at 4675 28<sup>th</sup> Court in Vero Beach, 772-794-7415.



## with 3-year Comparison, Indian River County

Cases (rate per 100,000 population)	Florida		Indian River County	
	YTD 2014	YTD 2014	YTD 2013	YTD 2012
<b>Enteric Diseases</b>				
Campylobacteriosis	2,788 (14.3)	35 (24.4)	39 (27.6)	33 (23.6)
Cryptosporidiosis	1,777 (9.1)	10 (7.0)	11 (7.8)	4 (2.9)
<i>Escherichia coli</i> , Shiga Toxin-Producing (STEC)	494 (2.5)	2 (1.4)	1 (0.7)	1 (0.7)
Giardiasis	1,074 (5.5)	5 (3.5)	17 (12.0)	13 (9.3)
Salmonellosis	5,872 (30.0)	41 (28.6)	39 (27.6)	72 (51.5)
Shigellosis	2,412 (12.3)	3 (2.1)	1 (0.7)	85 (60.8)
<i>Vibrio alginolyticus</i>	57 (0.3)	2 (1.4)	1 (0.7)	1 (0.7)
<i>Vibrio parahaemolyticus</i>	25 (0.1)	0	0	1 (0.7)
<i>Vibrio vulnificus</i>	31 (0.2)	1 (0.7)	0	0
<b>Vector Borne, Zoonoses</b>				
Chikungunya Fever	395 (2.0)	2 (1.4)	0	0
Dengue Fever	92 (0.5)	0	1 (0.7)	0
Ehrlichiosis/Anaplasmosis, HME ( <i>Ehrlichia chaffeensis</i> )	32 (0.2)	1 (0.7)	0	0
Lyme Disease	151 (0.8)	6 (4.2)	2 (1.4)	1 (0.7)
Rabies, Animal	80 (0.4)	0	1 (0.7)	0
Rabies, Possible Human Exposure	2,614 (13.4)	13 (9.1)	30 (21.2)	10 (7.2)
<b>CNS &amp; Invasive Diseases</b>				
<i>Haemophilus influenzae</i> (invasive disease)	241 (1.2)	1 (0.7)	0	0
Meningitis (Bacterial, Cryptococcal, Mycotic)	118 (0.6)	2 (1.4)	0	0
<i>Streptococcus pneumoniae</i> , invasive disease, drug resistant	316 (1.6)	4 (2.8)	2 (1.4)	0
<i>Streptococcus pneumoniae</i> , invasive disease, susceptible	417 (2.1)	3 (2.1)	4 (2.8)	2 (1.4)
<b>Vaccine Preventable</b>				
Pertussis	693 (3.5)	1 (0.7)	5 (3.5)	0
Varicella	515 (2.6)	7 (4.9)	6 (4.3)	7 (5.0)
<b>Viral Hepatitis</b>				
Hepatitis B (+HBsAg in pregnant women)	466 (2.4)	1 (0.7)	2 (1.4)	2 (1.4)
Hepatitis B, Acute	408 (2.1)	0	2 (1.4)	1 (0.7)
Hepatitis B, Chronic	4,606 (23.6)	21(14.6)	12 (8.5)	18 (12.9)
Hepatitis C, Acute	171 (0.9)	0	0	2 (1.4)
Hepatitis C, Chronic	23,737 (121.4)	199 (138.7)	155 (109.7)	151 (108.0)
Hepatitis D	0	0	1 (0.7)	0
<b>HIV / AIDS*</b>				
HIV	4,657 (23.8)	17 (11.8)	9 (6.4)	10 (7.1)
AIDS	2,143 (11.0)	8 (5.6)	6 (4.2)	6 (4.3)
<b>STDs*</b>				
Chlamydia	62,756 (321.0)	310 (216.0)	386 (272.4)	373 (266.7)
Gonorrhea	15,663 (80.1)	40 (27.9)	57 (40.2)	92 (65.8)
Infectious Syphilis	1,296 (6.6)	2 (1.4)	1 (0.7)	0
<b>Others</b>				
Carbon Monoxide poisoning	158 (0.8)	7 (4.9)	0	1 (0.7)
Lead poisoning	741 (3.8)	1 (0.7)	2 (1.4)	3 (2.1)
Legionellosis	260 (1.3)	13 (9.1)	2 (1.4)	3 (2.1)
Mercury Poisoning	12 (0.06)	0	0	1 (0.7)
Pesticide-related illness or injury	34 (0.2)	0	0	2 (1.4)
Saxitoxin Poisoning (Paralytic Shellfish Poisoning)	0	0	1 (0.7)	0
Staphylococcal Enterotoxin B Poisoning	0	0	1 (0.7)	0
Tuberculosis*	422 (2.2)	2 (1.4)	2 (1.4)	3 (2.1)

\*2014 data are provisional and subject to change; YTD as of 9/30/2014

From all of us at  
 Florida Department of Health  
 in Indian River County  
 Have a Safe and Happy  
 Holiday Season!



Main Location:  
 1900 27th Street  
 Vero Beach, FL 32960  
 772-794-7400

**Florida Department of Health  
 Indian River County**

Gifford Health Center:  
 4675 28th Court  
 Vero Beach, FL 32967  
 772-770-5151

**OUR VISION:**  
 Healthiest in the Nation

**OUR MISSION:**  
 To protect, promote & improve the health of all people in Florida  
 through integrated state, county & community efforts

<http://indianriver.floridahealth.gov>

