

EPI-GAZETTE

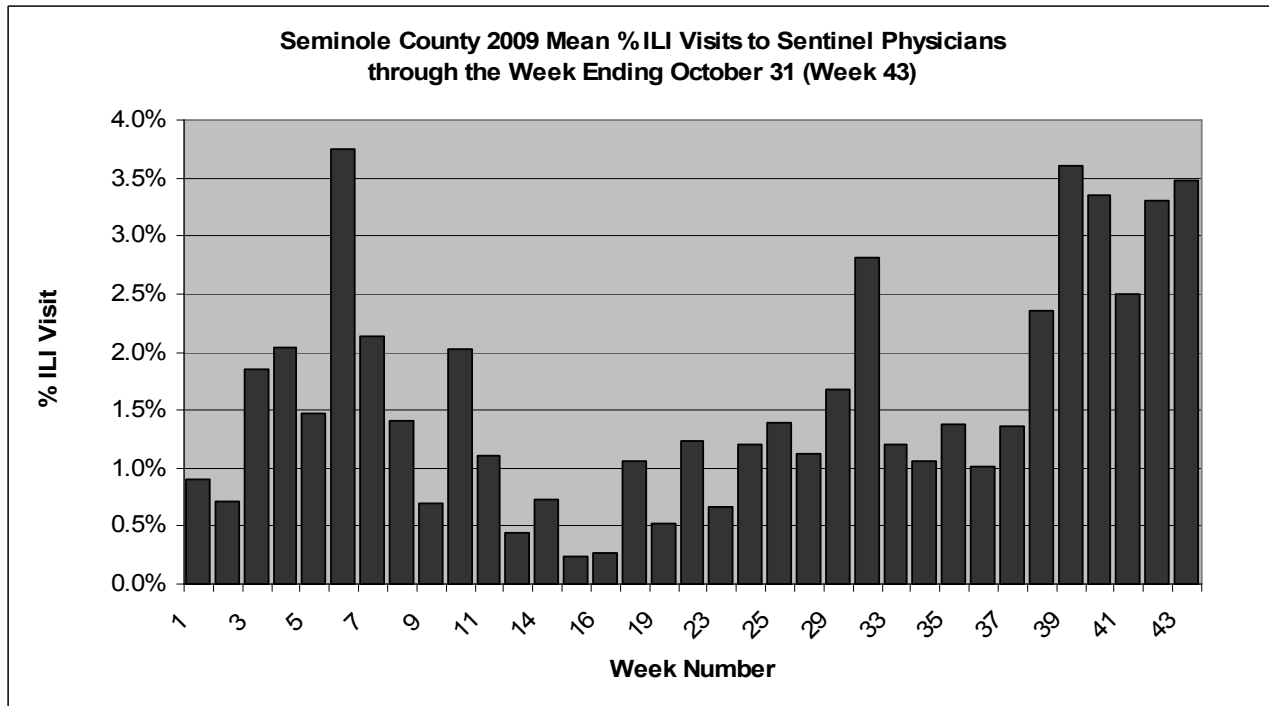


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Seminole County Health Department
WWW.SEMINOLECOHEALTH.COM

Seminole County Influenza in 2009 through October 31



Seasonal influenza activity peaked in Seminole County during February 2009, and the first case of novel H1N1 influenza A in Seminole County was identified by the Florida Department of Health laboratory in Jacksonville from a specimen collected on April 29 (Week 18). The above graph represents the mean percentage of visits for influenza-like illness (ILI) reported by sentinel physicians in Seminole County up to October 31 (Week 43). For the purposes of surveillance, ILI is defined as fever >100°F, AND sore throat and/or cough in the absence of another known cause.

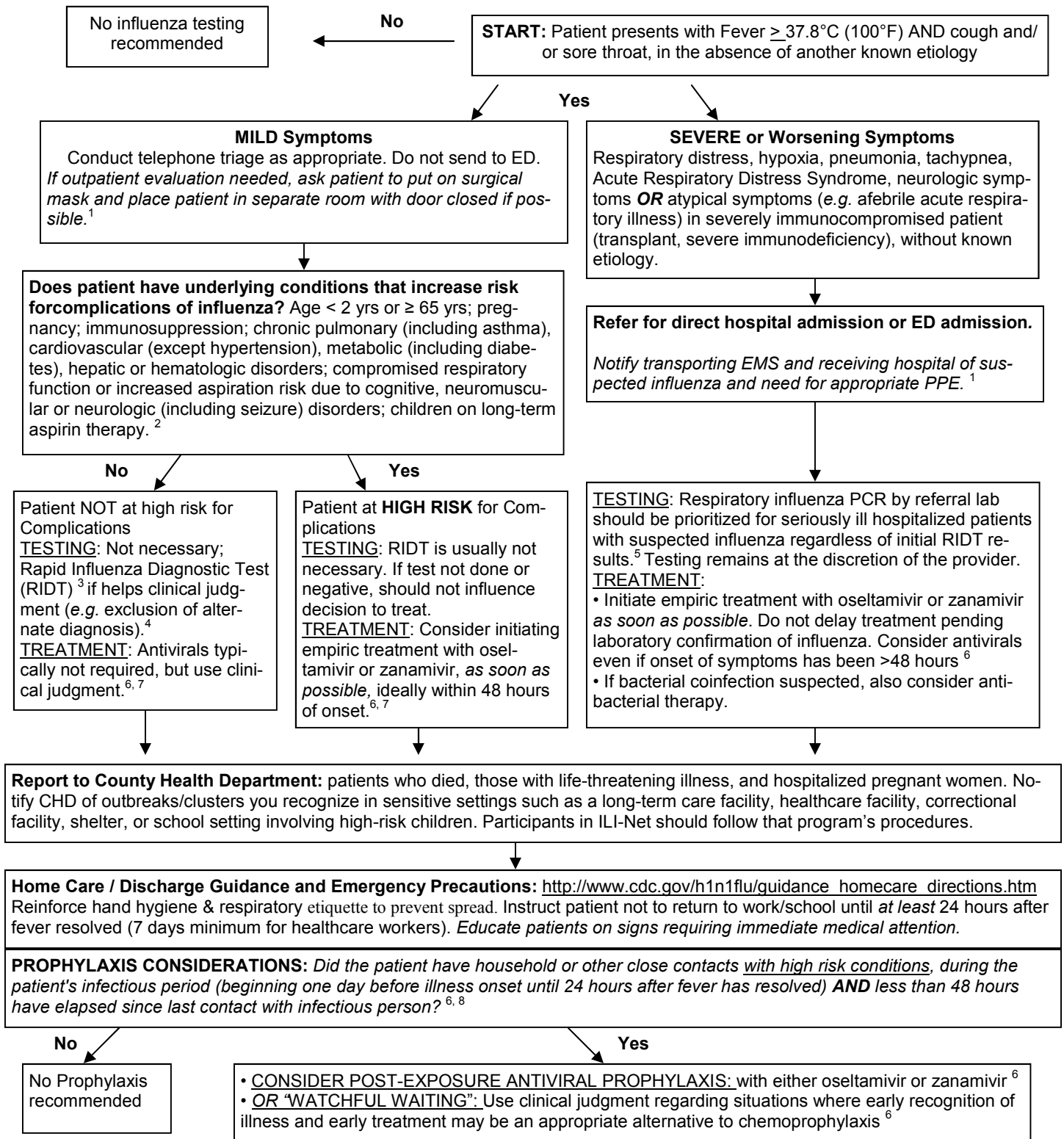
For the most current information, please see the statewide Novel H1N1 Influenza Weekly Surveillance Update, available at http://www.doh.state.fl.us/disease_ctrl/epi/swineflu/Reports/reports.htm

Also in this issue:

- H1N1 Testing and Treatment Algorithm
- H1N1 Vaccine Clinics
- Monthly Reportable Disease Table



Florida Department of Health Algorithm for Clinicians to Assist in Testing, Treatment, and Reporting of Patients with 2009 H1N1 Influenza



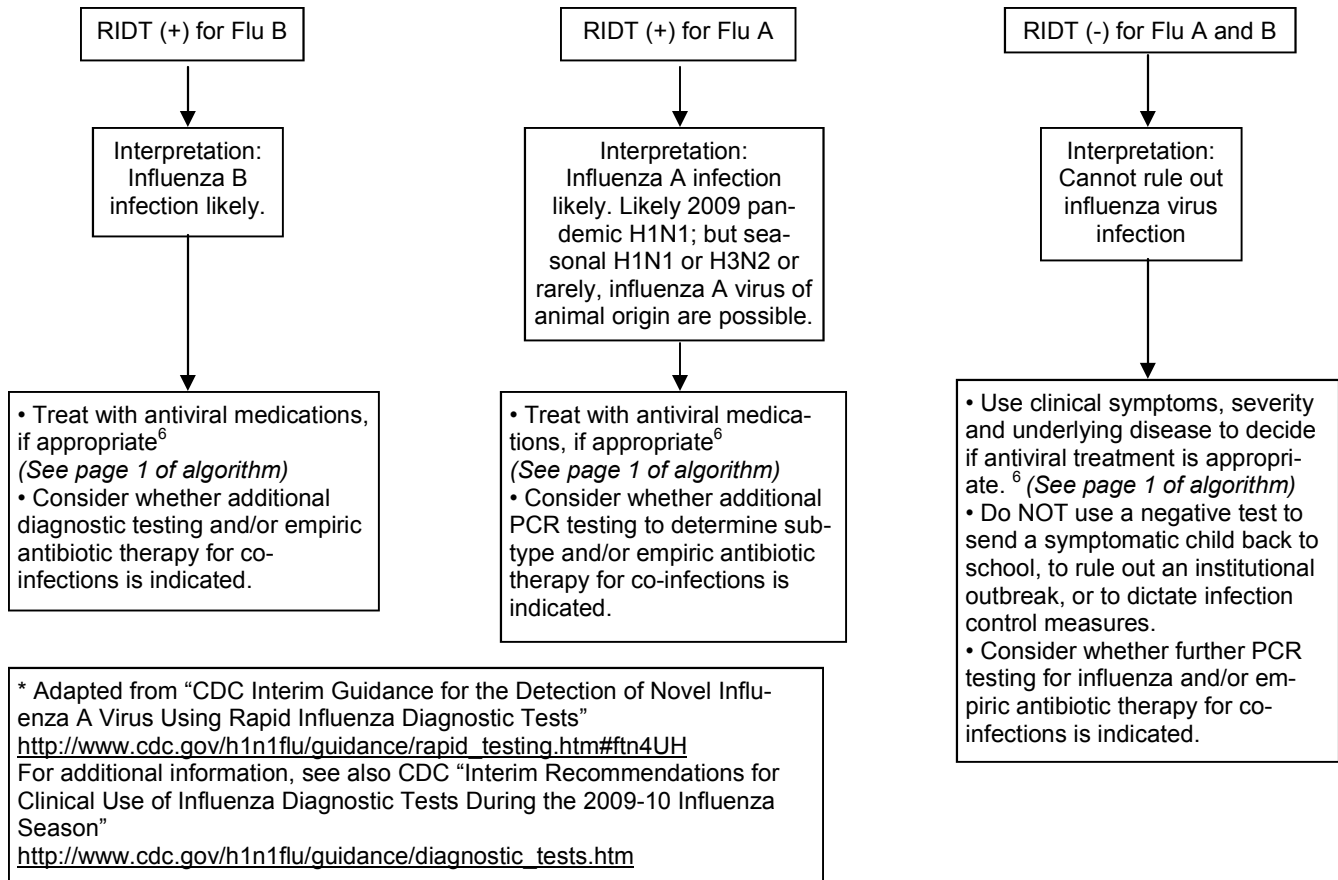
References 1-8 on page 2 of algorithm

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Algorithm to Assist in the Interpretation of Rapid Influenza Diagnostic Test (RIDT) Results during Periods When influenza Viruses are Circulating in the Community*



References:

1. Refer to institution-specific Personal Protective Equipment (PPE) guidelines; CDC HICPAC (7/23/09): http://www.cdc.gov/ncidod/dhqp/hicpac_h1n1.html
2. CDC. Prevention and Control of Influenza, 2009 MMWR 2009; 58(RR08);1-52. <http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5808a1.htm>; and CDC Interim Recommendations for the Use of Antiviral Medications in the Treatment and Prevention of Influenza for the 2009-2010 Season, <http://www.cdc.gov/h1n1flu/recommendations.htm>
3. CDC. Interim Guidance for Using Rapid Influenza Diagnostic Tests (RIDTs). http://www.cdc.gov/h1n1flu/guidance/rapid_testing.htm
4. Harper SA, Bradley JS, et al. IDSA Guidelines for Seasonal Influenza in Adults and Children. *Clinical Infectious Diseases* 2009; 48:1003-32
5. Referral of such specimens to commercial laboratory for PCR testing is encouraged. DOH Bureau of Laboratory Services is currently accepting specimens from hospitalized patients and County Health Departments for influenza PCR testing, but submission criteria may change as season progresses. Check website for updates.
6. CDC. Updated Interim Recommendations for Use of Antiviral Medications for 2009-10. <http://www.cdc.gov/h1n1flu/recommendations.htm>
7. American Academy of Pediatrics Policy Statement: Prevention and Treatment of Influenza 2009-2010. *Pediatrics* Sept 7, 2009; 124(4)
8. Refer to institution-specific guidelines for post-exposure management of Health Care Workers with influenza.

References 1-8 on page 2 of algorithm

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Thank You For Your Participation!

The Epidemiology Program would like to thank the following healthcare practitioners for agreeing to participate in the 2008-2009 Influenza Sentinel Program, and especially for their enhanced surveillance for H1N1:

Debra Campbell—Florida Hospital Centra Care, Sanford
Miles Landis, MD—Lake Mary Pediatrics
Mehdi Nabipour, MD—Seminole County Health Department
Lane Phillips, MD—Heathrow Urgent Care
Sue Taff— Florida Hospital Centra Care, Longwood

For more information about Florida's List of Reportable Diseases/Conditions, please contact Gregory Danyluk, PhD at 407-665-3266.

Selected Diseases/Conditions Reported to the Seminole County Health Department	2009 through Week 39	2008 through Week 39	2007 through Week 39	2007–2009 Average
AIDS*	44	32	32	36
Animal Bite to Humans**	23	12	34	23
Animal Rabies	6	4	7	6
Campylobacteriosis	10	6	11	9
Chlamydia	916	783	743	814
Cryptosporidiosis	5	6	13	8
Cyclosporiasis	3	0	1	1
Dengue	0	0	2	1
<i>E. coli O157:H7</i>	0	1	2	1
Giardiasis	16	24	18	19
Gonorrhea	293	255	295	281
<i>Haemophilus influenzae—Pneumonia</i>	0	0	1	0
Hepatitis A	5	1	3	3
Hepatitis B	42	47	44	44
Hepatitis C	168	217	204	196
Hepatitis B in Pregnant Woman	3	11	8	7
HIV*	56	73	63	64
Lead poisoning	2	3	3	3
Legionnaire's disease	8	6	1	5
Lyme Disease	4	0	0	1
Meningococcal Disease	1	0	2	1
Pertussis	4	0	0	1
Salmonellosis	87	61	45	64
Shigellosis	2	9	16	9
<i>S. pneumoniae – drug resistant</i>	5	11	6	7
Syphilis	34	30	24	29
Tuberculosis	6	6	10	7
Varicella	17	17	11	15

* HIV data includes those cases that have converted to AIDS. These HIV cases cannot be added with AIDS cases to get combined totals since the categories are not mutually exclusive. Current AIDS/HIV data are provisional at the county level.

** 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 current three year average for the same time period.