



Director's Update Brief

Wednesday

27 May 2009 1100 EDT

**Day 39** 

The Week of CDC Workforce



### **Key Events**

### US Novel Influenza A (H1N1) 27 May 2009



- Novel Influenza A (H1N1) Declarations
  - HHS: Downgraded to Phase 1 Awareness (9 May 2009)
  - WHO: Pandemic Phase 5 (29 Apr 1600 EDT)
  - USG: Public Health Emergency declared (26 Apr 2009)

US Cases: As of 27 May 2009 0100 EDT

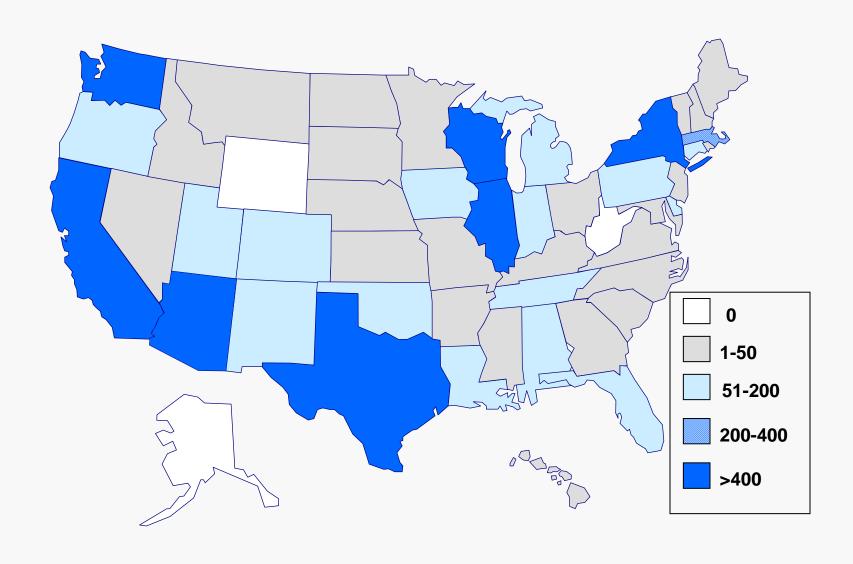
•	<b>TTL Confirmed and Probable</b>				
	Cases	Hosp	Deaths*		
US TOTAL Cases INCL DC	7927	436	11		
US TOTAL States Affected INCL DC	48	37	6		
* One new death was reported in New York City					

- International Cases: 12,954 confirmed cases in 46 countries
  - New countries with confirmed cases: Honduras, Iceland, Kuwait
- Deployments: 26 deployed, 5 pending, 200 potential



# Epidemiology/Surveillance Number of Novel Influenza A (H1N1) Cases Reported to CDC by State As of 27 May 2009 0100 EDT (n=7,927)

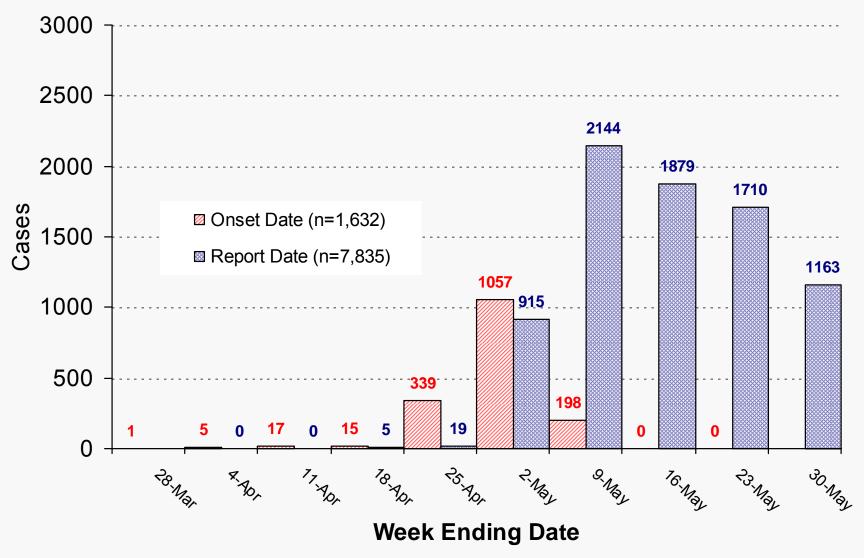






# Epidemiology/Surveillance Confirmed and Probable Novel Influenza A (H1N1) Cases by Onset\* and Report Date by Week As of 27 May 2009 0100 EDT



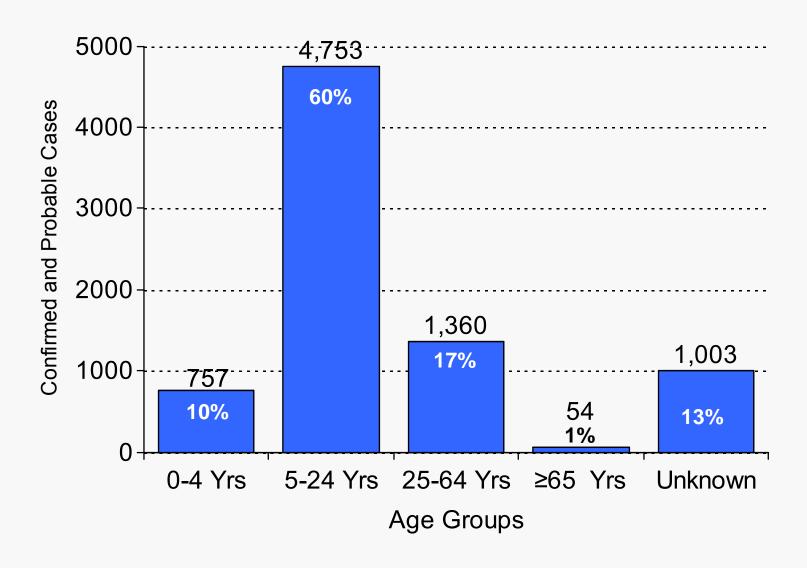


<sup>\*</sup>Information on onset date no longer presented after May 12 due to change to aggregate reporting



### Epidemiology/Surveillance Confirmed and Probable Novel Influenza A (H1N1) Cases by Age As of 27 May 2009 0100 EDT





### Epidemiology/Surveillance Novel Influenza A (H1N1) - 27 May 2009



### WHO/NREVSS Collaborating Laboratories

 Seasonal influenza A (H1), A (H3), and B viruses co-circulated with novel influenza A (H1N1) viruses

### Influenza-associated Pediatric Deaths

- One new influenza-associated pediatric death reported
  - 11-year old female from Ohio
- 2008-09 season total = 62
- ILINet (week ending 16 May)
  - % of ILI outpatient visits ↓ the national baseline
  - % of outpatient visits for ILI increased
- 122 Cities Mortality Reporting System (graph)
  - % pneumonia and influenza deaths remains within expected
  - % deaths due to pneumonia and influenza is increased slightly
- Geographic Spread of Influenza as Assessed by State and Territorial Epidemiologists – state reporting:

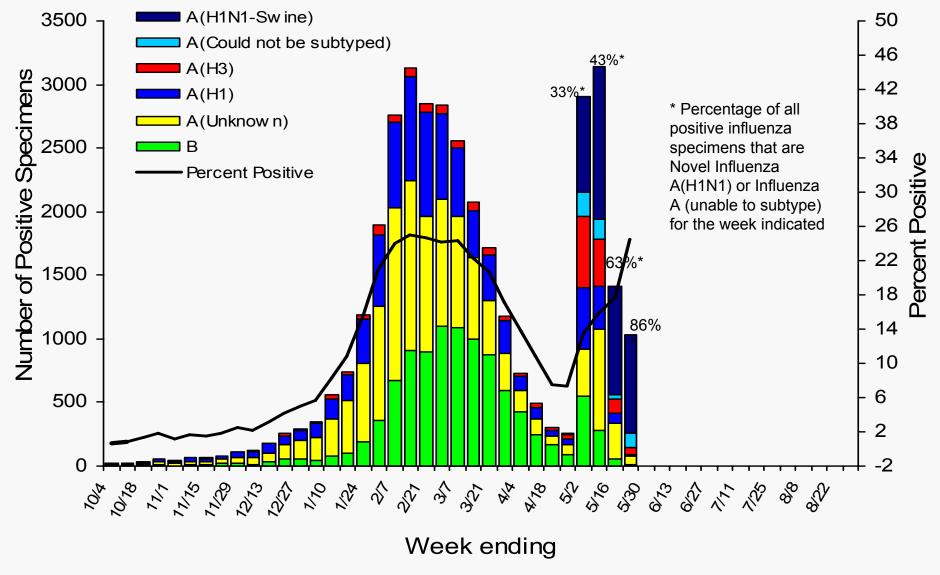
Widespread: 5 statesRegional: 13 states

Local: 15 states + DC
 Sporadic: 16 states
 None: 1 state



## Epidemiology/Surveillance Novel Influenza A (H1N1) - 27 May 2009 U.S. WHO/NREVSS Collaborating Laboratories Summary, 2008-09



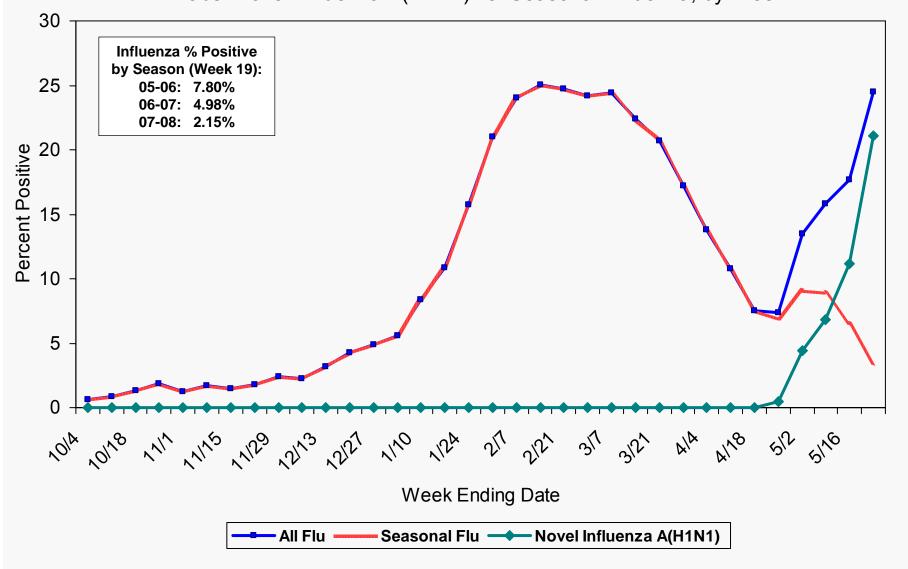




## Epidemiology/Surveillance Novel Influenza A (H1N1) - 27 May 2009



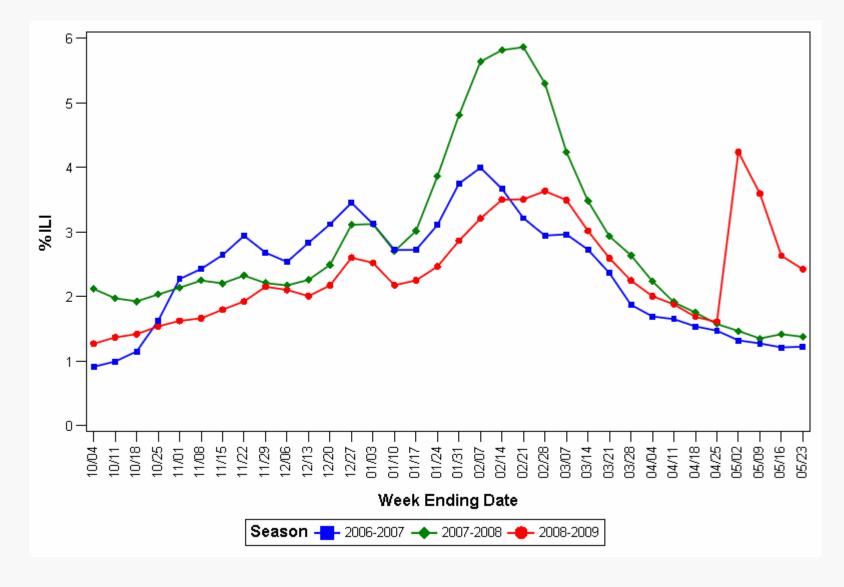
Percent of Specimens Positive for Influenza Reported by WHO and NREVSS Labs: Novel Influenza A(H1N1) vs. Seasonal Influenza, by Week

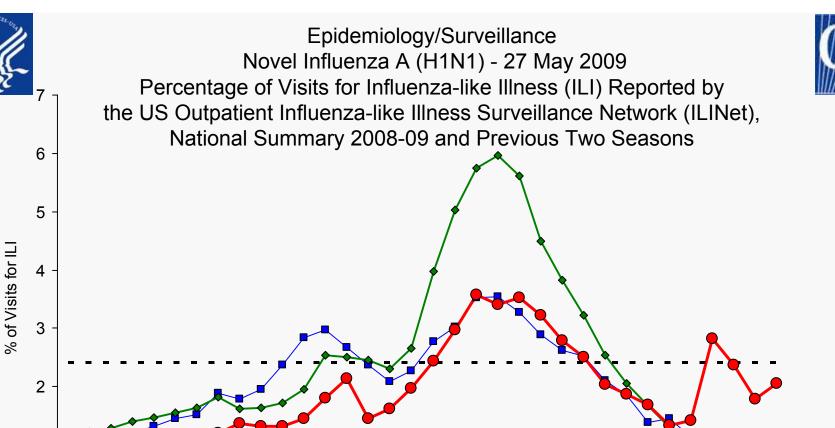


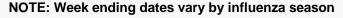


# Epidemiology/Surveillance BioSense - Percentage of Emergency Department Visits for Patient-reported ILI, U.S., 10/07/2006 to 05/23/2009









\*Preliminary ILI data for week 20, as of May 26, 2009 (n=485 weekly ILI reports received from 45 states)

† There was no week 53 during the 2006-07 and 2007-08 seasons, therefore the week 53 data point for those seasons is an average of weeks 52 and 1.

■— 2006-07† — 2007-08† — 2008-09 = = National Baseline

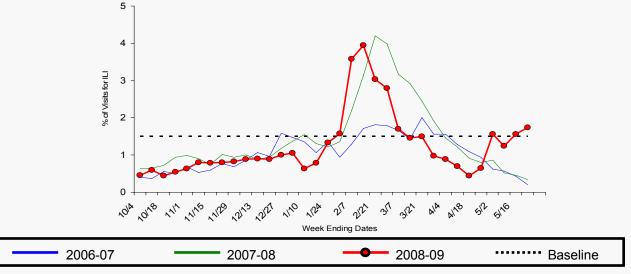
1/24 2/7 2/21

Week Ending Dates



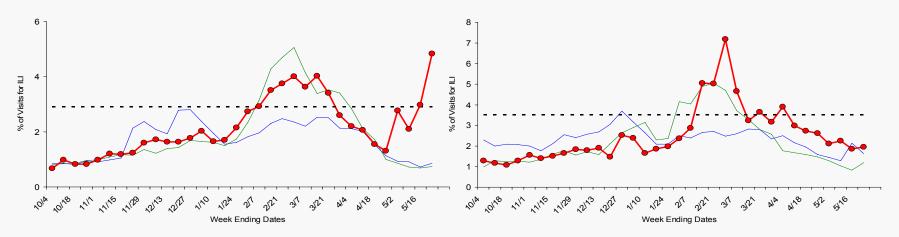
# Epidemiology/Surveillance Novel Influenza A (H1N1) - 27 May 2009 Current Influenza Surveillance – ILINet Regions I-III Region I - CT, ME, MA, NH, RI, VT





Region II - NJ, NY

Region III - DE, DC, MD, PA, VA, WV



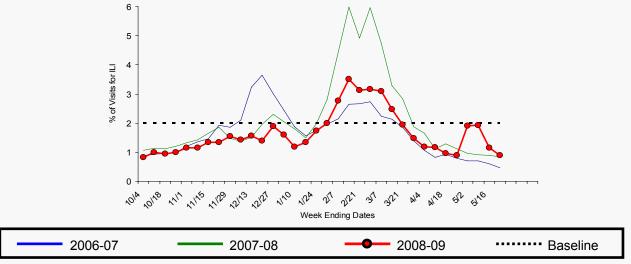
NOTE: Scales differ between regions

NOTE: There was no week 53 during the 2006-07 and 2007-08 seasons, therefore the week 53 data point for those seasons is an average of weeks 52 and 1.



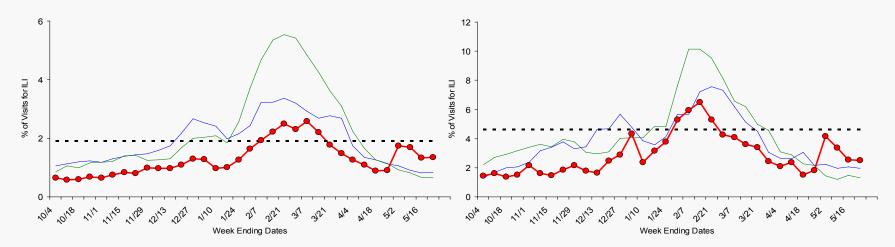
# Epidemiology/Surveillance Novel Influenza A (H1N1) - 27 May 2009 Current Influenza Surveillance – ILINet Regions IV-VI Region IV - AL, FL, GA, KY, MS, NC, SC, TN





Region V - IL, IN, MI, MN, OH, WI

Region VI - AR, LA, NM, OK, TX



NOTE: Scales differ between regions

NOTE: There was no week 53 during the 2006-07 and 2007-08 seasons, therefore the week 53 data point for those seasons is an average of weeks 52 and 1.

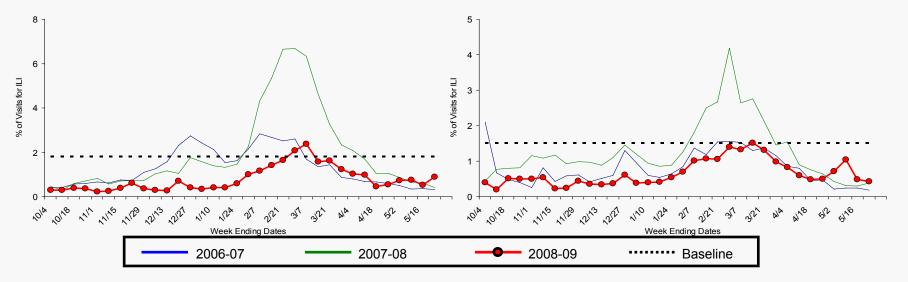


## Epidemiology/Surveillance Novel Influenza A (H1N1) - 27 May 2009 Current Influenza Surveillance – ILINet Regions VII-X



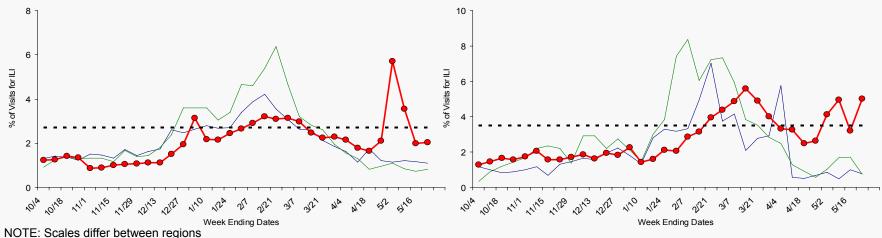
Region VII - IA, KS, MO, NE

Region VIII - CO, MT, ND, SD, UT, WY



Region IX - AZ, CA, HI, NV

Region X - AK, ID, OR, WA



NOTE: There was no week 53 during the 2006-07 and 2007-08 seasons, therefore the week 53 data point for those seasons is an average of weeks 52 and 1.



### International Novel Influenza A (H1N1) - 27 May 2009



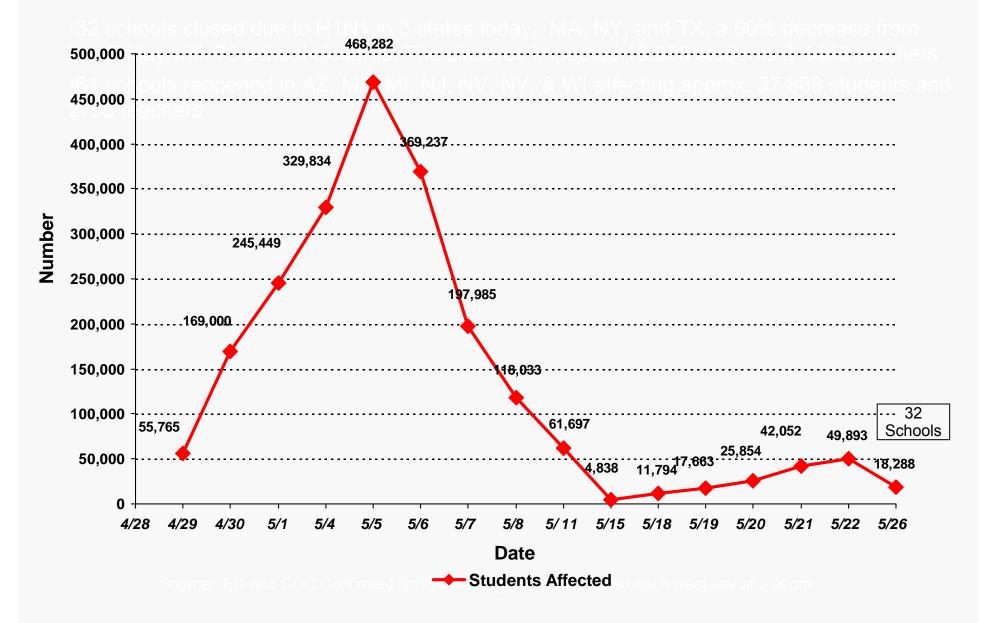
- WHO global case count: 12,954 confirmed cases in 46 countries\*
  - New countries with confirmed cases: Honduras, Iceland, Kuwait
  - Countries with highest confirmed case count after the US and Mexico:
    - Canada: 921 (†116 in last 24 hours)
    - Japan: 350 (↑5 in last 24 hours)
    - Spain: 136 (↑3 in last 24 hours)
    - UK: 137 (↑15 in last 24 hours)
- 4 CDC deployed staff in Mexico

\*Note: WHO case counts are current as of 05/26/09, 10:00 pm EDT



## Division of Global Migration and Quarantine Novel Influenza A (H1N1) - 27 May 2009 School Dismissal, United States, 4/29 – 5/26, 2009







### Communications Summary Novel Influenza A (H1N1) – 27 MAY 2009



Channel Traffic	5/18-19 Mon- Tue	5/19-20 Tues-Wed	5/20-21 Wed-Thur	5/25-26 Mon-Tue
Public Inquiries	510	458	414	138 (-67%)
Internet/Print News	189	202	172	141 (-18%)
Web	1,216,785	1,044,297	870,809	423,954 (-51%)

### **National and local television**

- Case counts and death toll rising:
  - 6700 U.S. cases:
  - 12-14 deaths confirmed, 2 in NYC and 1 in Chicago (with underlying medical conditions)
- 27 NYC schools reopen many parents children home
- Promising developments regarding vaccine production

#### **Print/Internet news**

- Flu scare reveals strapped local health agencies
- Mexico, US, Canada announce swine flu deaths

### **Information Gaps in News Stories**

No travel or public health guidance (exception NY media—people with chronic conditions)

### **Public Inquiries:**

• Symptoms?15%; Testing? 18%; Treatment? 12%; Transmission?12%