



### **Director's Update Brief**

**Tuesday** 

19 May 2009 1100 EDT Day 31

**Day of Long Range Workforce Planning** 



#### Novel Influenza A (H1N1) Key Events 19 May 2009 1100 EDT



- 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)
  - SLTT Declarations: 10
    - CA, TX, WI, FL, NE, VA, MD, IA, OH, American Samoa
- US Cases:

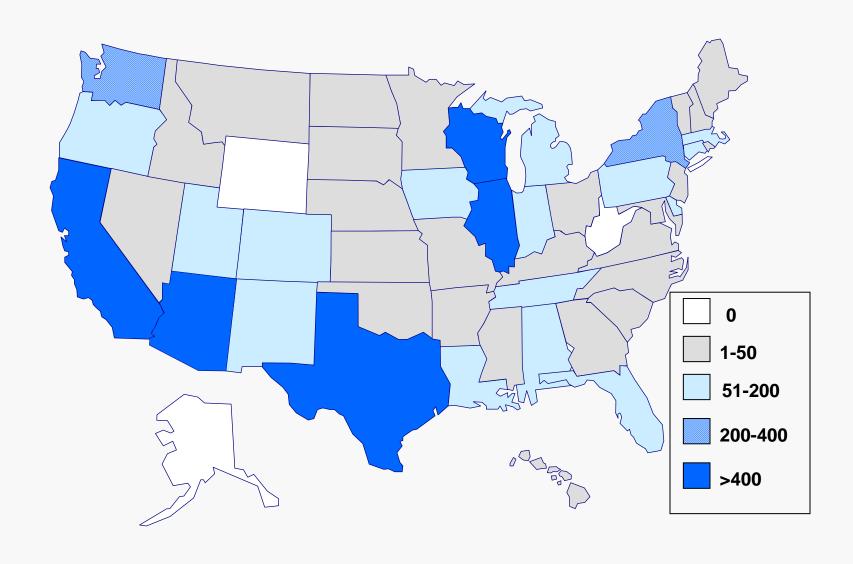
	Total Confimed and Probable		
	Cases	Hosp	Deaths
US TOTAL Cases INCL DC	5469	229	6
Total States Affected INCL DC	48	35	3

- International Cases: 8,829 in 40 Countries
  - New countries with confirmed cases: Chile
- Deployments: 73 deployed, 5 pending, 207 potential (200 DGMQ)
- DSNS: 13 million Antiviral Replenishment regimens placed



#### Epidemiology/Surveillance Number of Novel Influenza A (H1N1) Cases Reported to CDC by State 19 May 2009 1100 EDT (n=5,469)

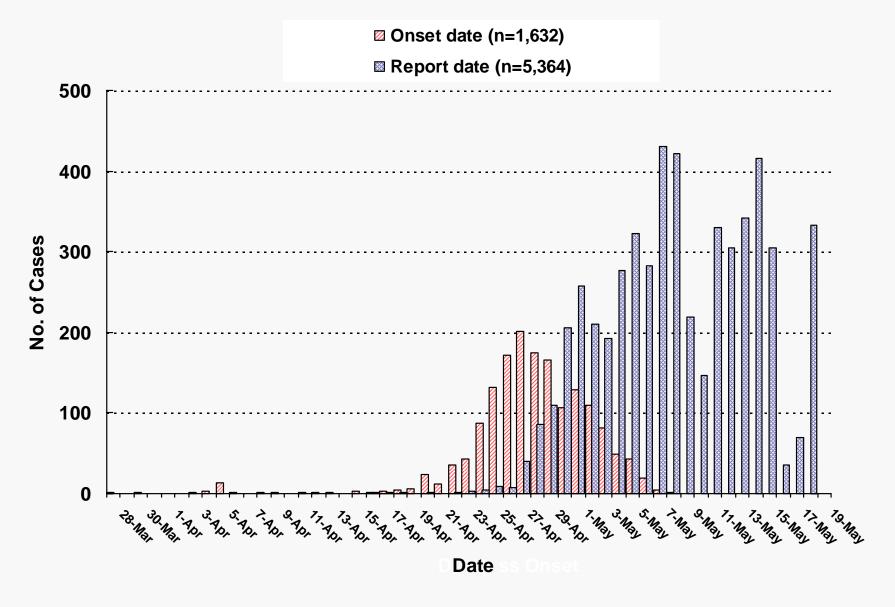






### Epidemiology/Surveillance Confirmed and Probable Novel Influenza A (H1N1) Cases By Onset Date - 19 May 2009 1100 EDT

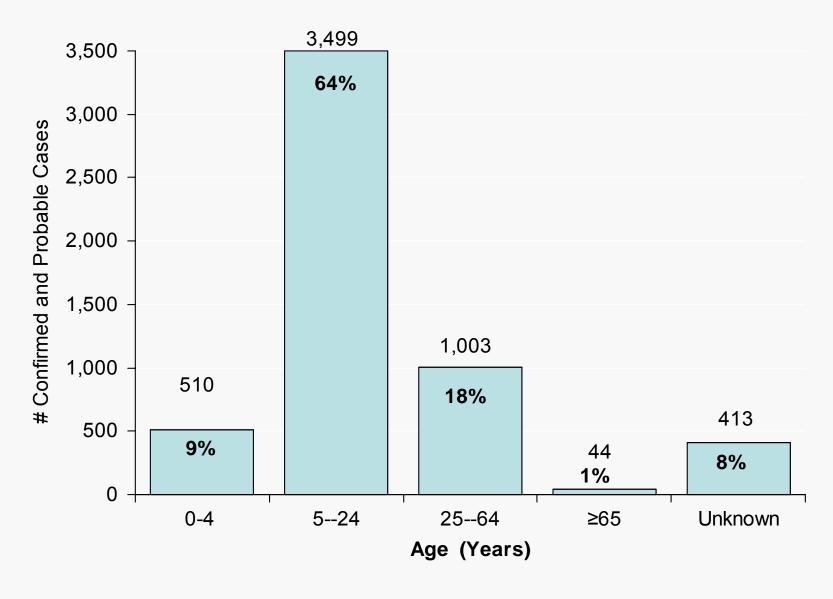






# Epidemiology/Surveillance Total Confirmed and Probable Novel Influenza A (H1N1) Cases (n=5,469) by Age - 19 May 2009 1100 EDT







## Epidemiology/Surveillance Current Influenza Surveillance - 19 May 2009 1100 EDT

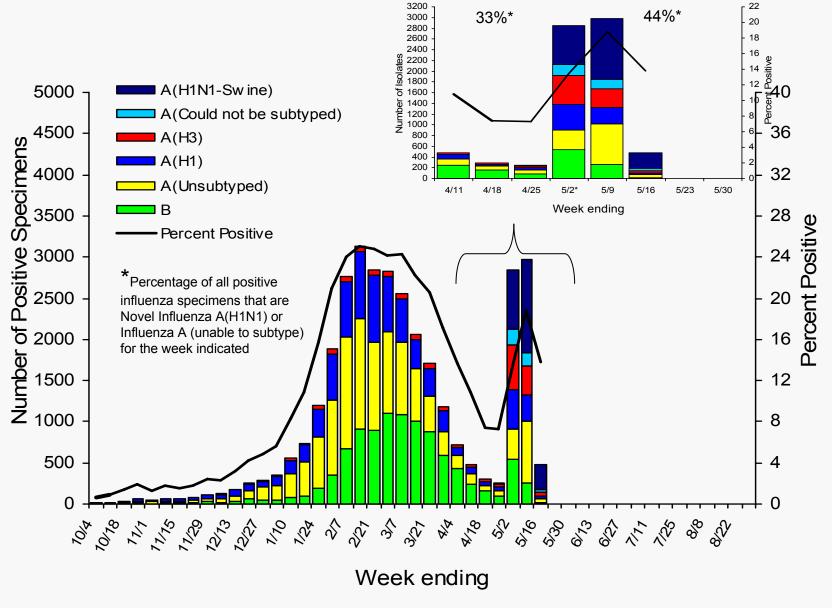


- WHO/NREVSS Collaborating Laboratories (graph)
  - Seasonal influenza A (H1), A (H3), and B viruses co-circulated with novel influenza A (H1N1) viruses
- Influenza-associated Pediatric Deaths
  - No new influenza-associated pediatric deaths were reported
  - 2008-09 season total = 61
- ILINet (graph)
  - % ILI visits was below the national baseline
  - % ILI visits remains constant
- 122 Cities Mortality Reporting System (graph)
  - % pneumonia and influenza deaths remains stable
- Geographic Spread of Influenza as Assessed by State and Territorial Epidemiologists
  - Widespread: 8 states; Regional: 14 states; Local: 15 states and DC;
     Sporadic: 13 states



# Epidemiology/Surveillance U.S. WHO/NREVSS Collaborating Laboratories Summary, 2008-09



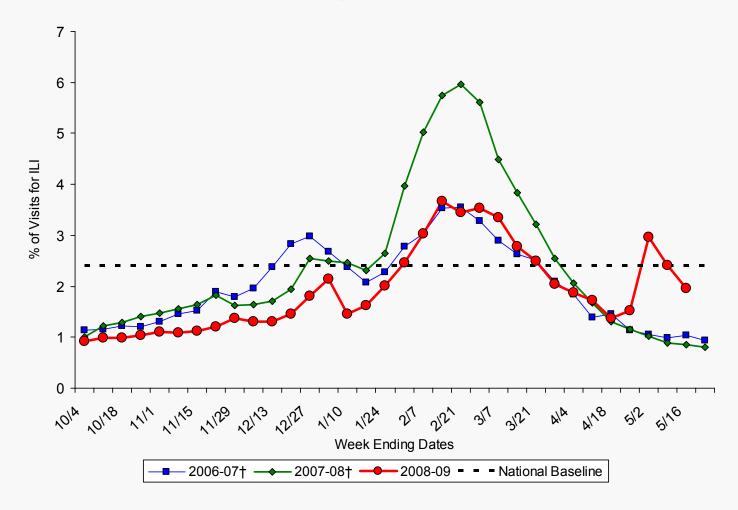




### Epidemiology/Surveillance



# Percentage of Visits for Influenza-like Illness (ILI) Reported by the US Outpatient Influenza-like Illness Surveillance Network (ILINet), National Summary 2008-09 and Previous Two Seasons



NOTE: Week ending dates vary by influenza season

\*Preliminary ILI data for week 19, as of May 18, 2009 (n=367 weekly ILI reports received from 44 states)

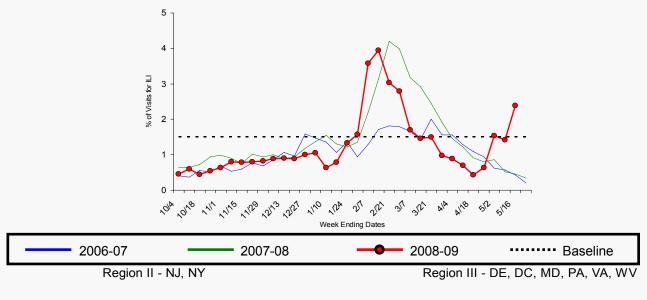
† There was no week 53 during the 2006-07 and 2007-08 seasons, therefore the week 53 data point for those seasons is an average of weeks 52 and 1.

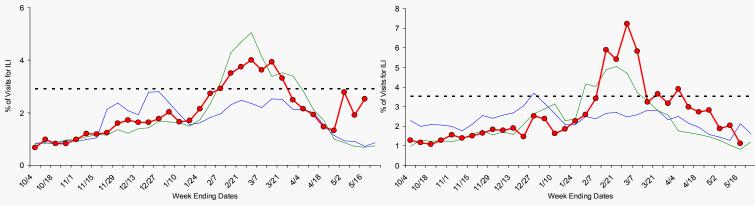


#### Epidemiology/Surveillance Current Influenza Surveillance – ILINet Regions I-III 19 May 2009 1100 EDT



Region I - CT, ME, MA, NH, RI, VT





NOTE: Scales differ between regions

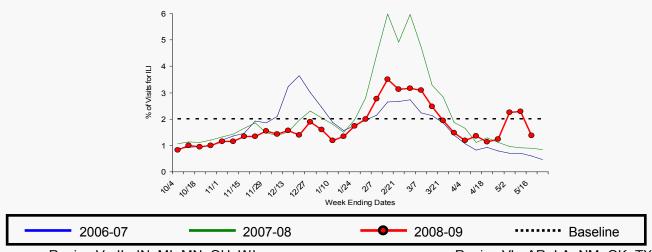
NOTE: There was no week 53 during the 2006-07 and 2007-08 seasons, therefore the week 53 data point for those seasons is an average of weeks 52 and 1.



#### Epidemiology/Surveillance Current Influenza Surveillance – ILINet Regions IV-VI 19 May 2009 1100 EDT

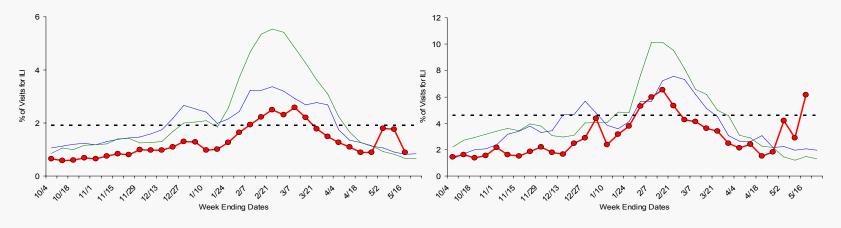


Region IV - AL, FL, GA, KY, MS, NC, SC, TN



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

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



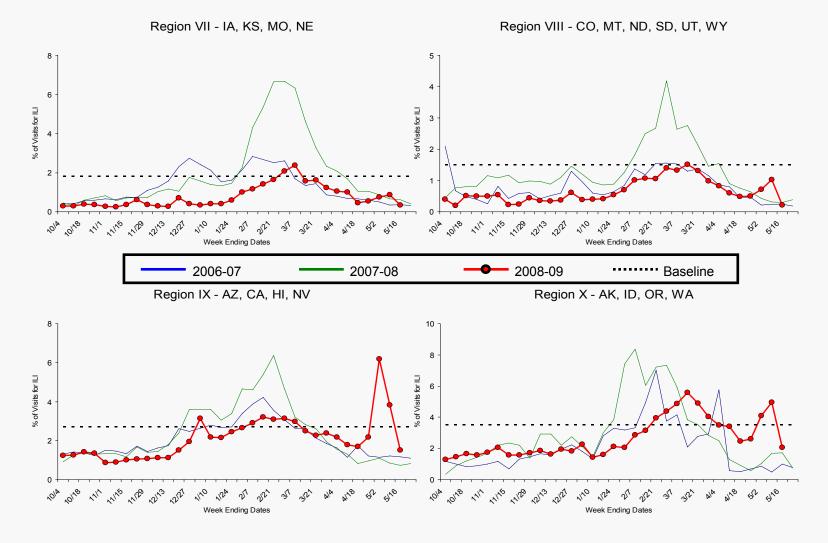
NOTE: Scales differ between regions

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.



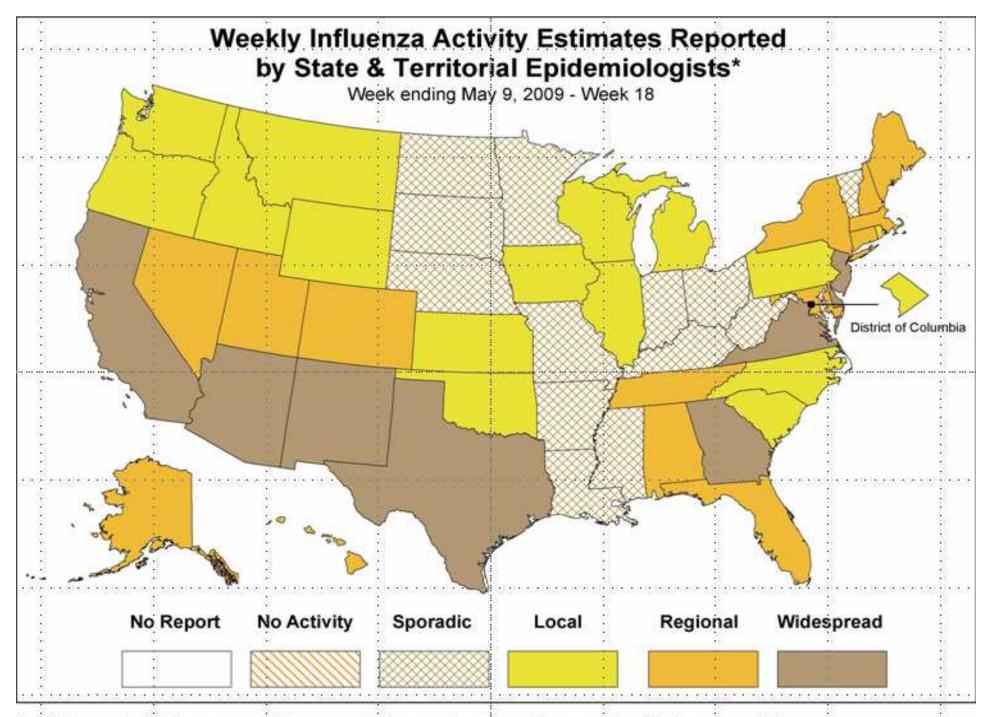
#### Epidemiology/Surveillance Current Influenza Surveillance – ILINet Regions VII-X 19 May 2009 1100 EDT





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.



This map indicates geographic spread & does not measure the severity of influenza activity



## International Novel Influenza A (H1N1) - 19 May 2009 1100 EDT



- WHO global case count: 8,829 confirmed cases in 40 countries\*
  - New countries with confirmed cases: Chile
    - 2 women (25 & 32 years old), traveled to Dominican Republic with transit through Panama
  - Countries with highest confirmed case count after the US and Mexico:

• Canada: 496 (=) Spain: 103 (=)

• UK: 101 (†19) Panama: 54 (=)

- Japan reports 26 new cases, most among high school students in Kobe and Osaka
  - Students from different towns competed in volleyball match
  - Widespread infection reported in region, with probable cases numbering 125+
  - Schools in the region have been closed

<sup>\*</sup> WHO case counts are current as of May 18, 2009; 8:00 pm EDT



### Communications Summary Novel Influenza A (H1N1) - 19 May 2009 1100 EDT



#### **Channel Traffic**

Web Page Views: 547,371 (+7%)

• Public Inquiries: 178 (-5%)

News Stories: Print/Internet: 212 (+86%)

Social Media: "Swine Flu" Twitters (12.6/min.), "H1N1" (3.9/min.)

#### **Themes**

- Death of asst. principal school closings in NYC
- Outbreak is not "winding down"
  - Spreading rapidly throughout the world ("spreading like wildfire")
  - Spreading faster than the seasonal virus
  - Japan swine flu cases surge, most are teenagers
- WHO annual meeting to consider: 1) raising pandemic alert to level 6, and 2) vaccine production questions
- Potential for ebb during the summer and return of cases in the fall ("return with a vengeance")

#### **Emerging Themes**

 Adequate Supply of Swine Flu Vaccine Uncertain: "The current swine flu outbreak is raising critical questions about the timing of bringing a new vaccine to market and the logistics of getting it to the people who need it" (Atlanta Journal Constitution)