2009 Influenza A (H1N1) Overview

AAP Disaster Management Meeting
Westchester
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Novel H1N1 Flu Hospitalization Rate by Age
NYS (excluding NYC), thru 7/25/09

Age Distribution of Hospitalized Seasonal and H1N1 Influenza Cases

Pediatric Deaths

Number of Influenza-Associated Pediatric Deaths by Month and Year of Death:
2006-07 Season to present

- Seasonal Influenza
- Novel A (H1N1) Influenza

2006-07
Number of Deaths Reported: 9

2007-08
Number of Deaths Reported: 15

2009-09
Influenza 4

*April 12 – June 30

Source, CDC Emerging Infections Program

Influenza activity for the week ending October 3, 2009:
Based on reports of lab-confirmed influenza to the NYS Disease Registry.
Weekly Flu Laboratory Reports

ED Visits for Influenza Like Illness

Flu Hospitalizations by Week
2009-2010 Influenza Season

What Can You Do?

- Educate patients
- Telephone Triage
- Avoid using ED unless necessary
- Use Tamiflu if indicated, but judiciously
- Sign up to receive H1N1 vaccine
- BE PATIENT

http://www.health.state.ny.us/diseases/communicable/influenza/h1n1/educational_materials/H1N1_print_materials

STATE OF NEW YORK
DEPARTMENT OF HEALTH

COVER & COUGH
Preventing the spread of flu is in your hands today.

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ACIP Target Groups for Initial H1N1 Immunization Efforts

- Primary target groups for vaccination programs are:
  - Pregnant women (4M)
  - Household contacts and caregivers for children younger than 6 months of age (5M)
  - Health-care and emergency medical services personnel (14M)
  - Persons 6 months through 24 years of age (102M)
  - Persons aged 25 through 64 years who have medical conditions associated with a higher risk of influenza complications (34M)

- Seasonal influenza vaccine coverage: 20-50%
- Age 25-64 year otherwise healthy, and then 65+ years, will be added when primary target groups have had access

Vaccine Safety and Effectiveness

- H1N1 vaccine is made and licensed by exactly the same process as seasonal flu vaccines;
- Safety experience with seasonal vaccine based on 100 million doses administered per year;
- Clinical trials on H1N1 vaccine show similar safety profile to past years’ seasonal vaccines;
- Clinical trials usually not done on seasonal vaccine, so we actually know more about safety of H1N1 vaccine than about this years seasonal vaccine

Registration to Receive H1N1 Vaccine

- https://hcsteamwork1.health.state.ny.us/pub/
- Federally required Provider Agreement:
  - Store and handle the vaccine appropriately,
  - Give vaccines only to the CDC targeted groups,
  - Report vaccine usage,
  - Report usage to Immunization Registry
  - Provides federal liability protection.
- Practice Profile:
  - Number of patients in each priority group
  - NOT A VACCINE ORDER

H1N1 Vaccine Ordering and Distribution

- State and NYC takes physician orders and places with CDC
- CDC McKesson warehouse ships orders
- Vaccine production is well below projections from late September
- October 19-23 first week of receiving vaccine orders
- Phone delays last week - Apologies!
- 2.6 million doses ordered
- 160,000 doses available for NYS at CDC
- Bottom line: 1 dose available for every 16 ordered

CDC’s Message on Seasonal Flu Vaccine Supply

- If demand is increased, there will not be enough seasonal vaccine
- VFC distribution is on schedule
- All seasonal vaccine should be distributed by the end of October