Influenza Update

Minnesota Department of Health
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2011-2012 Flu Vaccine Supply

Strains identical to 2010-2011 Vaccine:
- A/California/7/2009 (H1N1)-like antigen
- A/Perth /16/2009 (H3N2)-like antigen
- B/Brisbane/60/2008-like antigen

Manufacturers on track to produce 166 million doses this year
- Fluzone High Dose available again
- New presentation: Fluzone Interdermal

So far, 67.9 million doses have been distributed
- September 2, 2011
Interim Results: Estimated Influenza Vaccination Coverage for 2010-11 season (August 2010 - February 2011)
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Influenza by the numbers.....
state rankings from BRFFS/NIS

- Minnesota ranks:
  - #4: all persons > 6 months
  - #9: children aged 6 months – 17 years
  - #2: persons aged > 18 years
  - #4: persons aged 18 – 49 years
  - #1: persons 50 – 64 years
  - #2 (tie): persons > 65 years
  - #3: persons 18-64 years at high risk
2010-2011 Influenza Season

- Some surveillance continued year-round after 2009 pandemic
- Early outbreaks in LTCF detected in September (A/H3)
- 3 circulating strains:
  - Influenza A / 2009 H1N1 (25% of isolates identified at MDH)
  - Influenza A / H3 (32% of isolates identified at MDH)
  - Influenza B Brisbane-like (41% of isolates identified at MDH)
- 3 cases of oseltamivir-resistant influenza A / (H1N1)
- Season peaked late February – early March
2010-2011 Influenza Season: By the Numbers

- 972 persons were hospitalized with laboratory-confirmed influenza
  - compared to 1,824 during 2009-10 season
- 218 schools reported outbreaks of ILI
  - compared to 1,302 during 2009-10 school year
- 54 confirmed influenza outbreaks reported in LTCF
  - compared to 4 during 2009-10 season
- 70 influenza-related deaths reported compared to 67 during 2009-10 season
Minnesota HCP influenza vaccination rates

- MDH survey 2009 of all hospitals and nursing homes in Minnesota
  - Response rate of 62%
  - Overall employee influenza vaccination rate of 71.2%
  - 2010-2011 analysis in progress
- Nationally, 63.5% of HCP are vaccinated (CDC, 2011)
  - Differing methodologies
What is **FluSafe**?

1) Facilities enter influenza vaccination of employees into MIIC, Minnesota’s electronic immunization information system, or registry

2) MDH calculates vaccination rate

3) MDH publically recognizes facilities reaching rates of 70%, 80% and 90%
137 Facilities Participated
- 64 Hospitals
- 68 Nursing Homes
- 5 “Both”

27 reached 90% or greater
- 16 hospitals
- 10 nursing homes
- 1 “Both”
FluSafe Recognition

Public recognition is expected to take place in late September

40 “White Ribbon”
42 “Red Ribbon”
27 “Blue Ribbon”

News release and list on MDH website with facility names
80% of participants had a vaccination rate over 70%

Even those not making 70% are actively implementing best practices and improving patient safety.
Lessons Learned

- Minnesota hospitals and nursing homes are engaged in HCP vaccination
  - Found FluSafe to be a valuable program
- Collecting necessary vaccination information was labor intensive
- Users were less familiar with the MIIC interface than expected
  - Using a streamlined approach this year
  - Goal: make FluSafe practical for all hospitals and nursing homes, even those with limited technological capabilities
How to Register

- Register for 2011-2012 influenza vaccination season by December 1, 2011, click FluSafe link on www.mdhflu.com

- Contact Jennifer Heath at jennifer.heath@state.mn.us or 651-201-5504 with questions.