

H1N1

Lessons Learned



NASPA 2010

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Predictions

- Create a plan that is self sufficient
- 3 month lead time
- Vaccine during second wave
- Stockpile anti-virals and supplies
- Focus on H5N1 (avian) flu
 - 30-50% infection rate
 - 50% mortality rate
 - 3 waves with closure for 8-12 week periods

Preparations

- **To plan or not to plan?**
- **Connect to WHO levels, ERP, ICS**
- **Mission to mitigate infection/death and impact on recovery**
- **Focus on:**
 - **COP: closure, staffing, academics**
 - **Isolation, Quarantine, Morgues**

H1N1 Influenza

- **First wave**
 - **Mid April: Outbreak in Mexico**
 - **4/27/09 : 3 states with cases**
 - **WHO Level 4**
 - **4/29/09 First US death/5 states with cases**

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First Wave

5/2/09

- **WHO Level 5**
- **Infection rate increases by 65%**

5/14/09

- **4300 cases in 46 states**
- ⋮

First Wave

- **Mild, short term illness**
- **Highly contagious**
- **Very low mortality rate**
 - **Children and pregnant women at highest risk**

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First Wave

The Name Game?

Swine flu

H1N1SO

H1N1S-OIV

Novel H1N1

ILI

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Second Wave

- Hit hard and fast
- Supply scramble
- Higher acuity, longer illness
- Business as usual
- Vaccine ??????

Second Wave

CDC estimates for 4/30/09-2/26/10

- 57 million cases**
- 257,000 hospitalizations**
- 11,700 deaths**
 - most age 18 – 65**

Second Wave

ACHA ILI Surveillance Report

207 schools/2-3 million

- 93,000 cases/189 hosp/4 deaths
- 91% age 17-24
- 55% Female, 45% male

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Vaccine Scorecard

207 schools/2-3 millions students

- 80 administered the vaccine**
- 8 % vaccination rate**

Now What?

Plan revision:

- Don't link to WHO levels
- include “triggers”
- factor in severity level
- adaptive and flexible

Now What?

“Just – in – time economic model doesn’t work from any perspective”

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Now What?

Knowledge is Power

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Now What?

What Color is *Your*
Underwear?

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