

# Overview of H1N1 and Resources for SORHs

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# H1N1 Presentation Objectives

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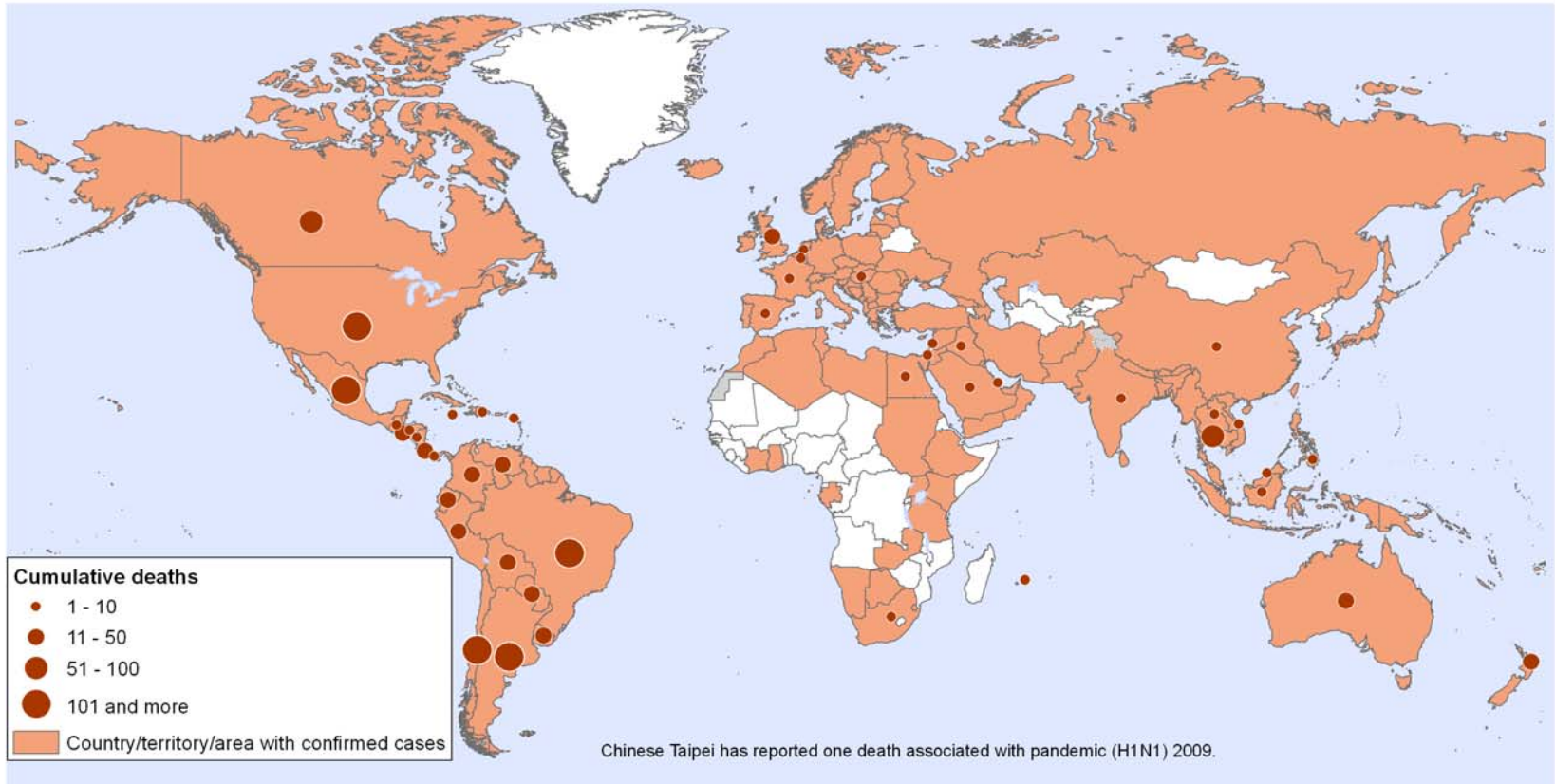
1. Provide a overview of the H1N1 virus including the US and Global patterns of the disease.
2. Discuss prevention strategies for both seasonal and H1N1 influenza
3. Provide resources for SORHs and providers

# Pandemic: Over 375,000 confirmed cases and over 4,500 deaths reported as of 10.04.09

Pandemic (H1N1) 2009

Status as of 13 August 2009

Countries, territories and areas with lab confirmed cases and number of deaths as reported to WHO



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted lines on maps represent approximate border lines for which there may not yet be full agreement.

Data Source: World Health Organization  
Map Production: Public Health Information and Geographic Information Systems (GIS)  
World Health Organization



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Map produced: 19 August 2009 13:38 GMT

# 2009 H1N1 Influenza

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- ❑ A novel virus
- ❑ First appeared in Spring 2009; did not seem to be more virulent than seasonal flu
- ❑ Characteristic of H1 viruses, tends not to affect the elderly as much as seasonal flu
  - In a normal flu season, >90% deaths among seniors
- ❑ Spreads more rapidly among children than seasonal flu; large outbreaks in some schools
- ❑ Deaths mostly in people who have other diseases and had compromised immune systems

To avoid the Swine Flu, try to refrain from letting your kids do this....

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**THIS IS A JOKE!!**

# Prevention

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- Stay informed; new virus
- Know how it is spread and use the same interventions as in seasonal flu
- Follow public health advice re: school closures, social distancing, etc
- Get vaccinations...both seasonal & H1N1

# H1N1

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- If you do get sick with flu-like symptoms
  - CDC recommends that you stay home for at least 24 hours after your fever is gone
  - Keep away from others as much as possible
  - Talk to your doctor about antivirals.
  - Most cases of H1N1 are self-limiting and can/should be treated at home.
- If you have to take care of a sick family member, you can go to work, but monitor your health every day.
- If you get sick and are pregnant or have an underlying medical condition, seek medical advice.

# At Risk Populations for H1N1

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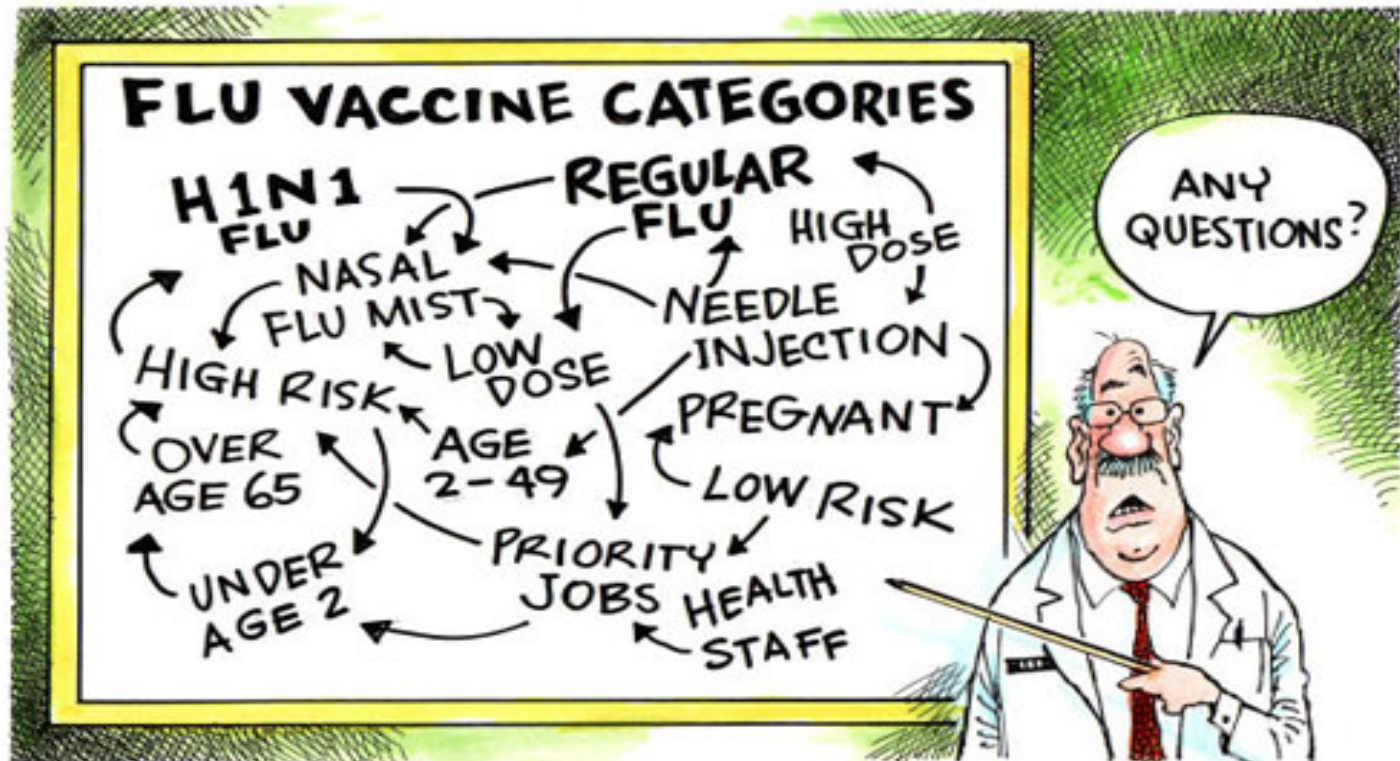
- ❑ Pregnant women;
- ❑ Household contacts and caregivers for children younger than 6 months of age
- ❑ Healthcare and emergency medical services personnel;
- ❑ All people from 6 months through 24 years of age
  - Children from 6 months through 18 years of age
  - Young adults 19 through 24 years of age,
- ❑ Persons aged 25 through 64 years who have health conditions associated with higher risk of medical complications from influenza.

# Priority for Vaccines

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- Pregnant women
- Household contacts and caregivers for children younger than 6 months of age
- Healthcare and emergency medical services personnel
- All people from 6 months through 24 years of age
  - Children from 6 months through 18 years of age
  - Young adults 19 through 24 years of age
- Persons aged 25 through 64 years who have health conditions associated with higher risk of medical complications from influenza.

# The Mysteries of the Flu Vaccine(s)



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# Challenges to H1N1 Response

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- Virus unpredictability
- Vaccine
  - Production
  - Distribution in new, hard-to-reach groups
  - Inevitable suspicion/rumors about adverse events
- Public health infrastructure has improved since 9/11 but....
- Health care coordination, infrastructure, information systems, lack of prevention focus
- Interagency coordination (federal/state/local)
- Coordination across sectors

# Recommendations for Health Providers

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1. Partner with the State (DOH, EMS, ER Preparedness)
  - Assist with preparedness and response efforts to promote surge capacity,
  - assist with keeping less severely ill persons from overtaxing emergency departments
  - Make sure rural hospitals and clinics are included in their state's distribution plan for countermeasures (ie, anti-virals, N95 disposable respirators, gowns, gloves, surgical masks, etc) and vaccines).
2. Partner with public health departments
  - Determine the availability of any H1N1 preparedness funding

# Requirement for CAHs

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- Under **§485.623(c) Standard: Emergency Procedures** the CAH disaster plan should address the likely risks for their area (e.g., natural disasters, bioterrorism threats, disruption of utilities such as water, sewer, electrical communications, fuel; nuclear accidents, industrial accidents, and other likely mass casualties, etc.)
- Therefore, their plan should cover pandemic flu preparedness

# Recommendations to Assist SORHs and Providers

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- ❑ Regularly review resources available at [www.flu.gov](http://www.flu.gov), [www.cdc.gov/h1n1flu](http://www.cdc.gov/h1n1flu) or en Español at [www.cdc.gov/h1n1flu/espanol/](http://www.cdc.gov/h1n1flu/espanol/)
  - **Large-Scale Vaccination Clinic Planning**
    - [Guidelines for Setting Up Clinics](#)
    - [Tools and Models to Estimate Staffing](#)
- ❑ Sign up to [www.emergency.cdc.gov/rss/](http://www.emergency.cdc.gov/rss/) to receive automatic updates from the CDC's Clinician Outreach Communications Activity (COCA)
- ❑ Review your State's pandemic flu plan at [www.pandemicflu.gov/plan/states/stateplans.htm](http://www.pandemicflu.gov/plan/states/stateplans.htm)  
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# Recommendations to Assist SORHs and Providers

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- ❑ State/Jurisdiction contact information for Providers interested in providing H1N1 Vaccine:  
[http://www.cdc.gov/h1n1flu/vaccination/statecontacts.htm?s\\_cid=ccu083109\\_VaccinePOC\\_e](http://www.cdc.gov/h1n1flu/vaccination/statecontacts.htm?s_cid=ccu083109_VaccinePOC_e)
- ❑ RHC Technical Assistance Call Wednesday, October 21st at 2:00pm EASTERN. Topics covered: the H1N1 Virus; obtaining the vaccine; when to use the vaccine; paying for & getting reimbursed for the vaccine and its administration  
Toll free: 1-877-757-0918  
Conference pass code: 795445