

Pandemic Influenza Summit
Yale New Haven System Institute
for Excellence

State of the State

John Peter Bigos, M.D., M.P.H., FCCCP

Influenza Pandemics 20th Century



Credit: US National Museum of Health and Medicine



1918: “Spanish Flu”
A(H1N1)

20-40 m deaths

675,000 US deaths

1957: “Asian Flu”
A(H2N2)

1-4 m deaths

70,000 US deaths

1968: “Hong Kong Flu”
A(H3N2)

1-4 m deaths

34,000 US deaths

The Burden Of Influenza

Seasonal Influenza

- Globally: 250,000 to 500,000 deaths each year
- In the United States each year:
 - 36,000 deaths
 - >200,000 hospitalizations
 - \$37.5 billion in economic costs from influenza and pneumonia

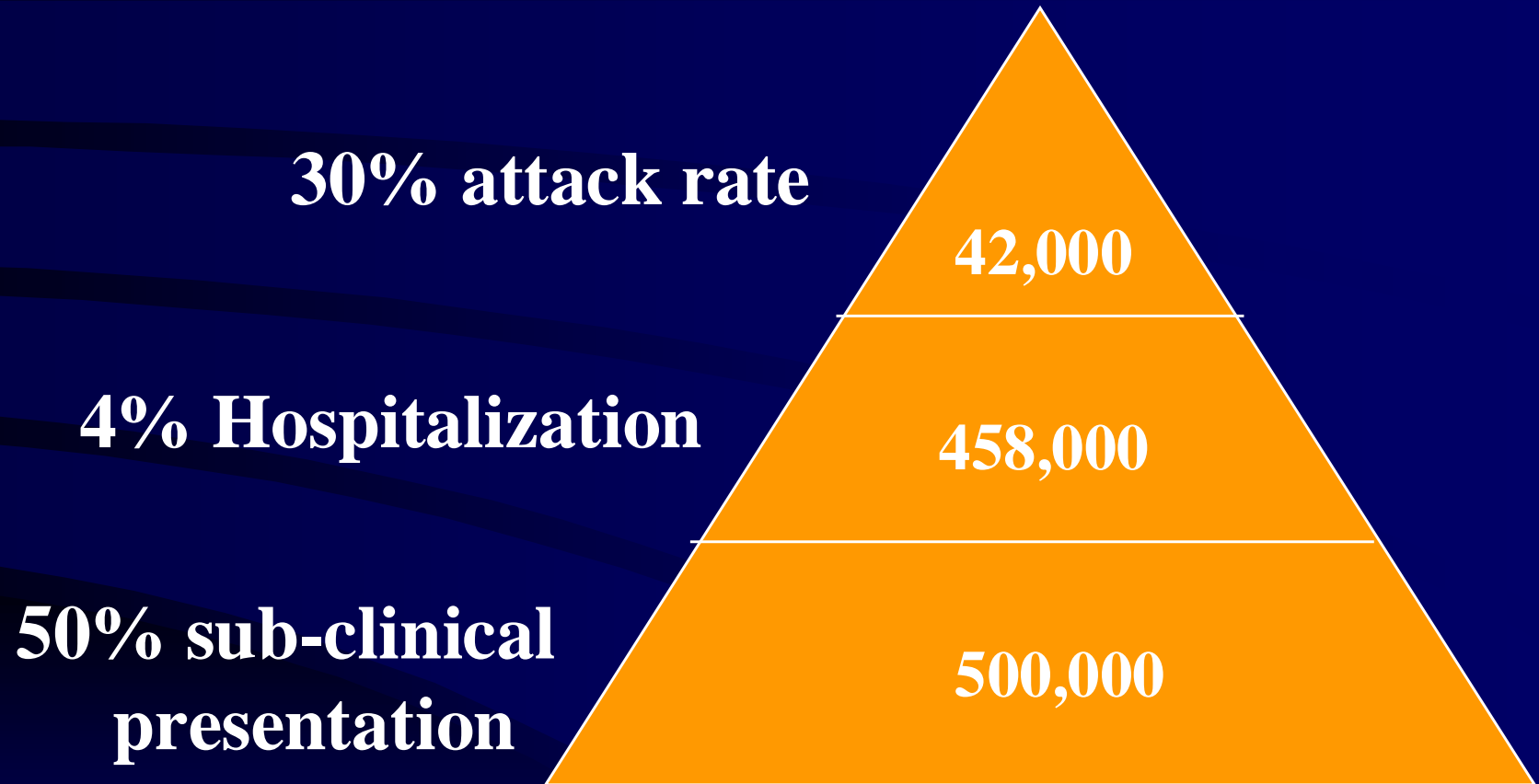
Avian Influenza

- 241 human cases (including 141 deaths) in 10 countries

Pandemic Influenza

- An ever-present threat

Potential Magnitude of the Problem



Based on CT population of 3.5 million

Priorities

- Assess state agency response capabilities to both avian and pandemic influenza
- Integrated and coordinated response of federal, state, regional, and local agencies
- Protection of lives and properties
- Continued operations and services as normally and effectively as possible in the event of a public health emergency

How Are We Preparing ?

December 2005

- Governor M. Jodi Rell through executive order establishes interagency task force

February 2006

- Connecticut holds Pandemic Summit in Hartford.

June 2006 & August 2006

- 6 New England State + New York State regional meeting



CONNECTICUT INFLUENZA INTERAGENCY TASK FORCE

- Meets on a bi-weekly basis
- Open lines of Communication between state agencies
- Team Concept
- Interoperability

Public Health Assets

- /// **Laboratory**
- /// **Health Alert Network and Wide Area Network**
- /// **Emergency Medical Services**
- /// **Integrated Education and Training System**
- /// **Mobile Field Hospital and Disaster Medical Assistance Team**
- /// **Local Public Health: 19 health districts and 30 municipal health departments serve 90% of Connecticut's residents**
- /// **Acute care hospitals, skilled nursing facilities, community health centers, practitioners**

Mobile Field Hospital



- State of the art 100 bed facility
- Modular Structure allows for ability to deploy entire facility or pieces
- Can be used for disaster support or support of acute care hospital
- Flexible configuration of 25 bed units that can be operated jointly or independently of one another

Statewide Interhospital Working Group

- Monthly meeting of Representatives from the Acute Care Hospitals, Community Health Centers, and Department of Public Health.
- Regional Coordination of Preparedness Efforts
- Surge Capacity Issues
- Credentialing of Medical Staff
- Communications
- Preparedness training and education

Next Steps

- Coordinated identification of problems we will be faced with in the event of a pandemic.
- Unified implementation of patient care protocols

Common Operating Picture