

III. What is being done?



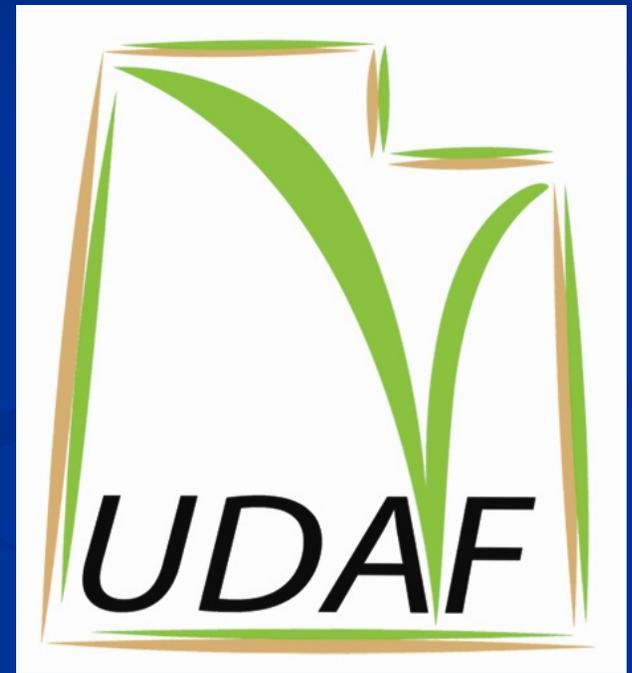
Pandemic & Avian Influenza Preparedness Topics

- Avian Influenza Prevention
- Strengthening public health capacity
- Vaccine development
- Mass vaccination planning
- Stockpiling medicine & supplies
- Hospital surge capacity
- Mobilizing volunteers
- Planning



Avian Influenza Prevention

- The Department of Agriculture and Food (UDAF) works closely with the poultry industry and the Division of Wildlife Resources to prevent the introduction of AI.





Avian Influenza Prevention

- Utah Avian influenza surveillance and Response Plan
 - Steps to prevent introduction of avian influenza
 - Steps to control an outbreak if it arrives in Utah

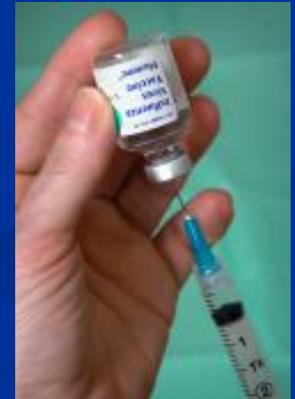


Avian Influenza Prevention

- The prevention plan requires:
 - Mandatory testing of select birds in commercial bird flocks
 - Any birds brought into the state...either for commercial or domestic purposes...must have a health certificate issued by a veterinarian from the previous location.
 - Employees of commercial growers cannot own pet birds, or handle birds from other areas.

Control measures in poultry:

- Vaccinate against circulating flu
- Testing
- Culling
- Quarantine
- Disinfection





Avian Influenza Prevention

- Utah Division of Wildlife Resources
 - Monitors wild avian populations
 - Provides surveillance of wild birds
 - Investigates unexplained mortalities
 - Activates a response to an outbreak in wild birds
 - Educates the public about Avian Influenza in wild bird populations





Pandemic Influenza

Strengthening Public Health Capacity

- All Hazards Disaster Planning
- Epidemiology & Disease Surveillance
- Laboratory Testing & Response
- Information & Communication Systems
- Effective Risk Communication
- Training & Exercises
- Hospital Preparedness



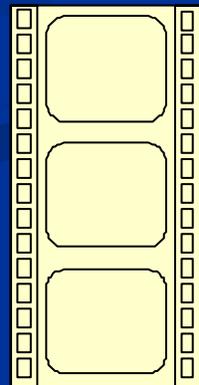
Strengthening Public Health Capacity

- Battling Back Video – Public Health & Health System capacity (6:30)

Video: Battling Back: Taking on Bioterrorism in Utah. 2005 Utah Department of Health

Utah Prepares: Pandemic Influenza Toolkit - III What is being done

Video 3



Pandemic Influenza Vaccine Development

- An effective vaccine would be the best defense
 - Difficult to develop vaccine in advance
 - Difficult to produce enough vaccine quickly
- Federal initiatives include
 - Research into improving vaccine development and production
 - Streamline approval process
 - Stockpiling candidate vaccines



Mass Vaccination



Utah Prepares: Pandemic Influenza
Toolkit - III What is being done



Mass Vaccination

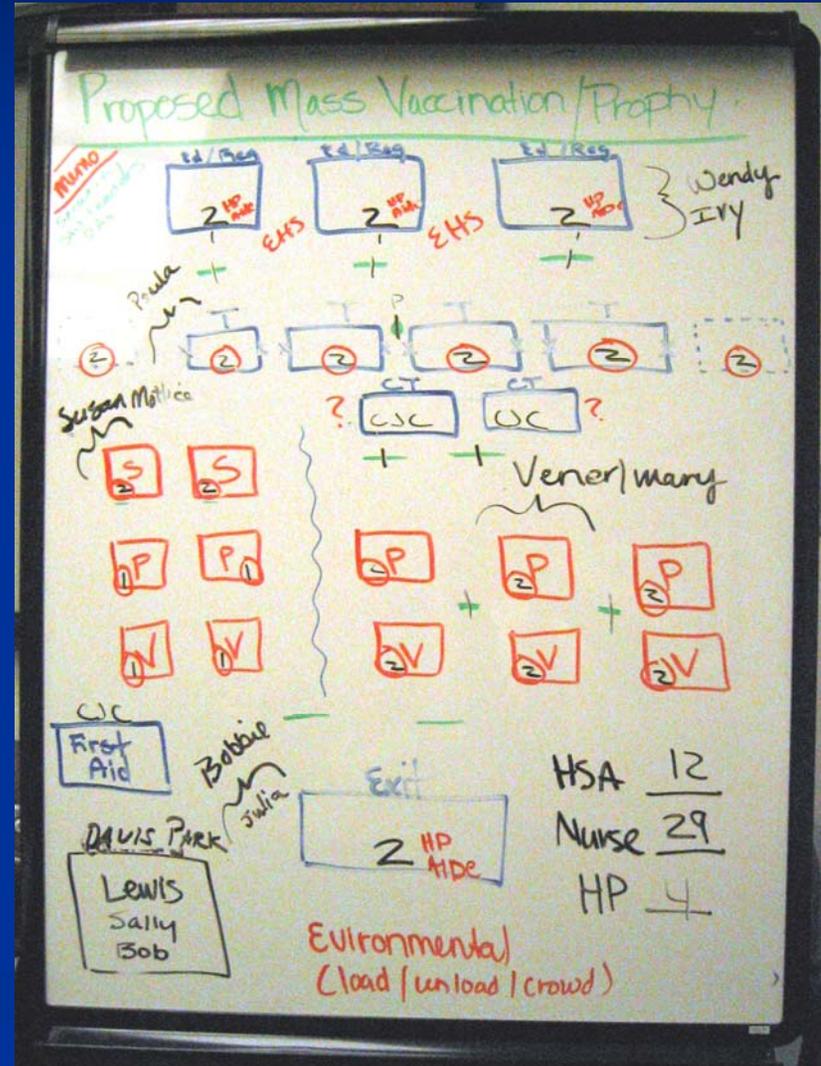
- Experience with smallpox vaccine program
- Lessons learned from recent flu vaccine shortages





Mass Vaccination

- Local health departments have proven ability to quickly vaccinate many people





Mass Vaccination

- Community partners identified to assist with logistics and operations
 - Schools
 - emergency response
 - healthcare systems
 - volunteers

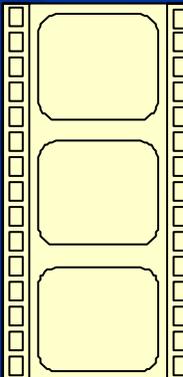


Stockpiling

- SNS Video from “Battling Back” documentary
- (40 seconds)



Video: Battling Back: Taking on Bioterrorism in Utah. 2005 Utah Department of Health



Stockpiling

- Strategic National Stockpile (SNS)
 - Medication
 - Durable medical equipment
 - Ventilators, oxygen, IV supplies
 - Limited amount of antivirals





Pandemic Influenza Stockpiling Antiviral Medications

- 2005 - Nat. Vaccine Advisory Committee recommended U.S. stockpile 40 - 130 million courses
 - Current supply is limited
- Substantial efforts to improve stockpile
 - 2006 HHS purchase will increase stockpile to 20 million courses
 - 2008 target – 81 million courses of treatment
 - Federal/state matching funds



Hospital Surge Capacity

What is being done?

- Health departments, hospitals & clinics have developed and are strengthening surge capacity plans
- Extra medical supplies & equipment are being purchased and cached around the state
- Volunteer Medical Reserve Corps being established in Utah communities



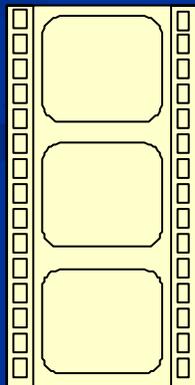
Hospital Surge Capacity

- Surge capacity video (25 seconds) (from battling back video)

Video: Battling Back: Taking on Bioterrorism in Utah. 2005 Utah Department of Health

Utah Prepares: Pandemic Influenza Toolkit - III What is being done

Video 5





Mobilizing Volunteers

Utah Commission on Volunteers coordinates among organizations that utilize volunteers such as:

- Citizen Corps
- CERT
- AmeriCorps
- Youth Engaged in Service
- AVERT
- Medical Reserve Corps
- 211
- Volunteer Agencies Active in Disasters
- Crisis counselors



Mobilizing Volunteers

- Medical Reserve Corps
 - Volunteer medical professionals and lay people who can supplement existing services in an emergency or assist with non-emergency health education and promotion campaigns.
- Video from mike Weibel



Planning

■ Many Participants

- Government
- Military
- Public Health
- Healthcare
- Public Safety
- Families
- Community groups
- Academia
- Business/Industry
- Faith groups
- Tribes
- And more...



Pandemic Influenza Planning

- Utah Pandemic Influenza Plan – a roadmap
 - Identified what public health needs to do
 - Example: Containment plan – how we will use isolation, quarantine, school closures other measures to limit spread
 - Identified where we need help
 - Key Policy Questions
- Too big for (any) government alone
 - Local governments, faith-based & community organizations, businesses, families, individuals



Utah Pandemic Plan

Key Policy Questions

- Adequacy of medical surge capacity?
- Antiviral stockpile
- Vaccine delivery
- Credible decision-making mechanism
- Ability to maintain essential community services
- Ability to support people who have been confined by illness or to limit spread



Pandemic Influenza Plan

Key Policy Question

- Health Care Surge Capacity
 - Potential health care impact of a pandemic in Utah
 - Clinically ill: 750,000
 - Outpatient care: 375,000
 - Hospitalized: 7,300 – 84,000
 - Deaths: 2,000 – 16,000
 - In a serious pandemic, the capacity of the health care system will be greatly exceeded



Pandemic Influenza Health Care Surge Capacity

- High risk of illness among health care providers
- Potential to exhaust supplies and resources
 - Ventilators, isolation rooms, masks and other personal protective equipment
- In severe pandemic, medical care will not be what we are used to
 - Communicate realistic expectations to people

Pandemic Influenza Planning: Immediate Next Steps

- Pandemic Influenza Workgroup completing details of Utah's plan
- Developing community planning tools for:
 - Businesses
 - Health care providers
 - Local governments
 - Individuals & families
- Key policy questions – Pandemic Influenza Taskforce
 - #1 – Credible decision-making mechanism
- In partnership with local public health, encourage and assist community planning