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Jefferson County Department of Health
Emergency Preparedness and Response

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December 6, 2007

Whom do we serve?
- Public Health System
- Jefferson County community
What do we do?
- Promote an all hazards approach
- Educate the general public
- Serve as a resource for public health partners
- Collaborate with other organizations

Promote an all hazards approach to prepare for a variety of types of emergencies:
- Natural and manmade disasters
- Hazardous material exposure
• Emergency related injury and disease prevention

Image from School of Photographic Arts and Sciences at the Rochester Institute of Technology
http://www.rit.edu/~andpph/photography.html

U.S. Army camp hospital, Aix-Les-Bains, France, Influenza Ward No. 1, 1918

Educate the general public

- Developing and exercising safety plans through various outreach events, media outlets and material distribution.

“Any community that fails to prepare, with the expectation that the federal government or, for that matter, the state government will be able to step forward and come to their rescue at the final hour, will be tragically wrong, not because the government will lack a will, not because we will lack a collective wallet, but because there is no way that you can respond to every hometown in America at the same time.”

Secretary Michael Leavitt
April 20, 2006
Serve as a resource for public health partners

- Partners
  - Hospitals, schools, civic groups, businesses
    - Preparedness trainings
    - Educational materials
    - Presentations
Jefferson County Pandemic Planning Committee

- Representing the following sectors:
  - JCDH
  - EMA
  - Business
  - Education
  - Faith-based/community
  - First Responders
  - General Public
  - Government
  - Healthcare
  - others

Jefferson County Impact

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Moderate (1958/68-like)</th>
<th>Severe (1918-like)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>US</td>
<td>Jefferson County</td>
</tr>
<tr>
<td>Illness</td>
<td>90 million</td>
<td>1,350,039</td>
</tr>
<tr>
<td>Outpatient Care</td>
<td>45 million</td>
<td>675,000</td>
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<tr>
<td>Hospitalization</td>
<td>165,000</td>
<td>12,295</td>
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<tr>
<td>ICU Care</td>
<td>128,750</td>
<td>1,931</td>
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<tr>
<td>Deaths</td>
<td>3,135</td>
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</tr>
</tbody>
</table>

Pandemic Influenza Planning for Jefferson County

Goals:
- Limit the number of illnesses and deaths
- Preserve continuity of essential government functions
- Minimize social disruption
- Minimize economic losses
Key Strategies:

- Develop countywide disease surveillance programs, coordinated with state and federal efforts, to detect pandemic influenza strains in humans and animals.

- Ensure mass vaccination plans and protocols are in place to rapidly administer vaccine and monitor vaccine effectiveness and safety.

Visit www.jcdh.org for more info.
Develop capabilities to implement non-medical measures to decrease the spread of disease throughout Jefferson County as guided by the epidemiology of the pandemic.

- Emphasize infection control measures
- Voluntary isolation of ill persons
- Quarantine of exposed individuals possible
- Social distancing measures (close schools, limit public gatherings, recreation, worship)
- Recommend public transportation for essential travel

Assist local health care system partners, response agencies, elected leaders, the business community; and community based organizations with pandemic preparedness planning aimed at:

- maintaining the provision of health care services,
- sustaining essential community services,
- limiting the spread of disease throughout the duration of a pandemic

Pandemic Planning

- Exercises:
  - Flu Clinics
  - School Closing tabletop
  - Various Hospital PI tabletop
Pandemic Planning

- Fatality Management and Mortuary Services Conference 2008
  - Provide an opportunity to examine and evaluate response concepts, plans and capabilities in the event of a long term pandemic influenza incident in Alabama resulting in mass fatalities.
  - Follow-up symposium to follow later in 2008
  - Jefferson County (Area 4)- April 2008

Collaborate with other organizations

- Collaborate with organizations to raise the public's awareness of potential emergencies, advantages of being prepared, and the expectations of local response.
  - Jefferson County Emergency Management Agency
  - South Central Center for Public Health Preparedness
Questions?

To get involved in your community contact your local county health department

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