



Current information about the pandemic

Katrina Hedberg, MD, MPH
State Epidemiologist

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Topics overview

- Current status of Pandemic H1N1.
- What's different about Pandemic H1N1 compared to seasonal flu.
- Our plans to track Pandemic H1N1 this season.

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Pandemic H1N1 worldwide summary

- Pandemic H1N1 is widespread: confirmed in more than 170 countries.
- Cases = 177,457; Deaths = 1,462.
- WHO / CDC have stopped tracking individual cases.
 - Focus on impact (deaths)
 - Circulating virus types

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U.S. update

- Pandemic H1N1 in all 50 states by May 28th.
- Hospitalizations: 7,511.
- Deaths: 477.
(6.4 percent of hospitalized cases)



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Oregon status

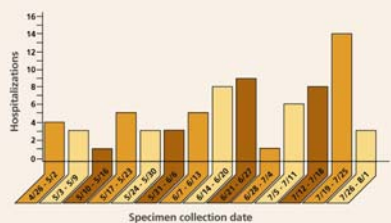
- Oregon no longer counting every cases
 - Disease widespread
- Hospitalizations = 92.
(11 counties)
- Deaths = 11.
(5 counties)
- Cases occur sporadically and in clusters.

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What makes Pandemic
H1N1 different?

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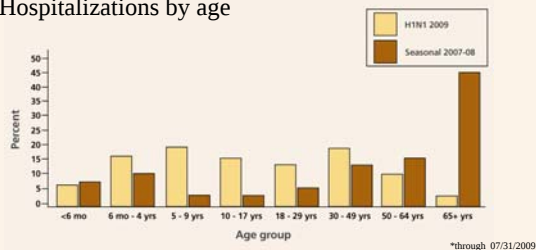
More Pandemic H1N1 hospitalizations during summer than expected, Oregon



as of 08/06/2009

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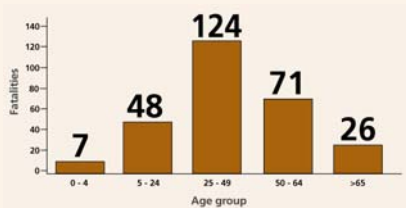
Different age distribution Hospitalizations by age



*through 07/31/2009

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Pandemic H1N1 deaths in younger people, US



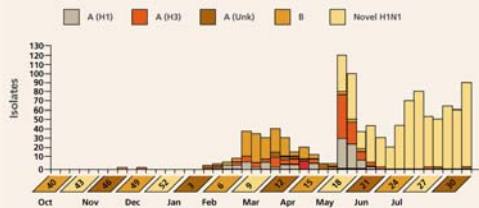
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People at highest risk for severe disease

- Seasonal.
 - Elderly, very young, immunocompromised
- Pandemic H1N1
 - Children / young adults
 - Pregnant women
 - Asthma / respiratory disease
 - Heart disease
 - Obesity / diabetes.

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Pandemic H1N1 Influenza strain predominates



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Major issues to track

- How bad is it?
- Who's getting sick? Who's dying?
- Are we vaccinating the right groups?
- Is the virus becoming resistant to antivirals?
- Are additional public health measures needed?

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Pandemic H1N1 deaths and hospitalizations

Standard procedure:

- Number of pneumonia and influenza deaths.
- Influenza-associated pediatric deaths.

New:

- Electronic death certificates.
- Confirmed influenza hospitalizations and deaths reportable.

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Influenza-like illness

- “Sentinel providers” report patients with flu symptoms, and collect viral specimens for typing.
- Telephone surveys of Oregon households to determine population experiencing influenza-like illness.

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Virus typing

Influenza subtyping done on:

- Hospitalized patients; and
- Outpatients seen by sentinel reporters statewide.

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Vaccine monitoring

- Use Federal Vaccine Adverse Event Reporting System.
- Investigating any unusual side effects reported in Oregon.

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Where to get information

www.flu.oregon.gov

www.cdc.gov

Local health departments

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