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Know What to Do About the Flu

2009 H1N1 Influenza

in the
United States



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Estimated Impact of Flu Pandemics

1918-19 Spanish Flu (H1N1)

20-100 million estimated deaths worldwide

>600,000 U.S. deaths

Case fatality \approx 2%

1957-58 Asian Flu (H2N2)

70,000-plus U.S. deaths

1968-69 Hong Kong Flu (H3N2)

34,000-plus U.S. deaths



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H1N1 Spring Outbreak

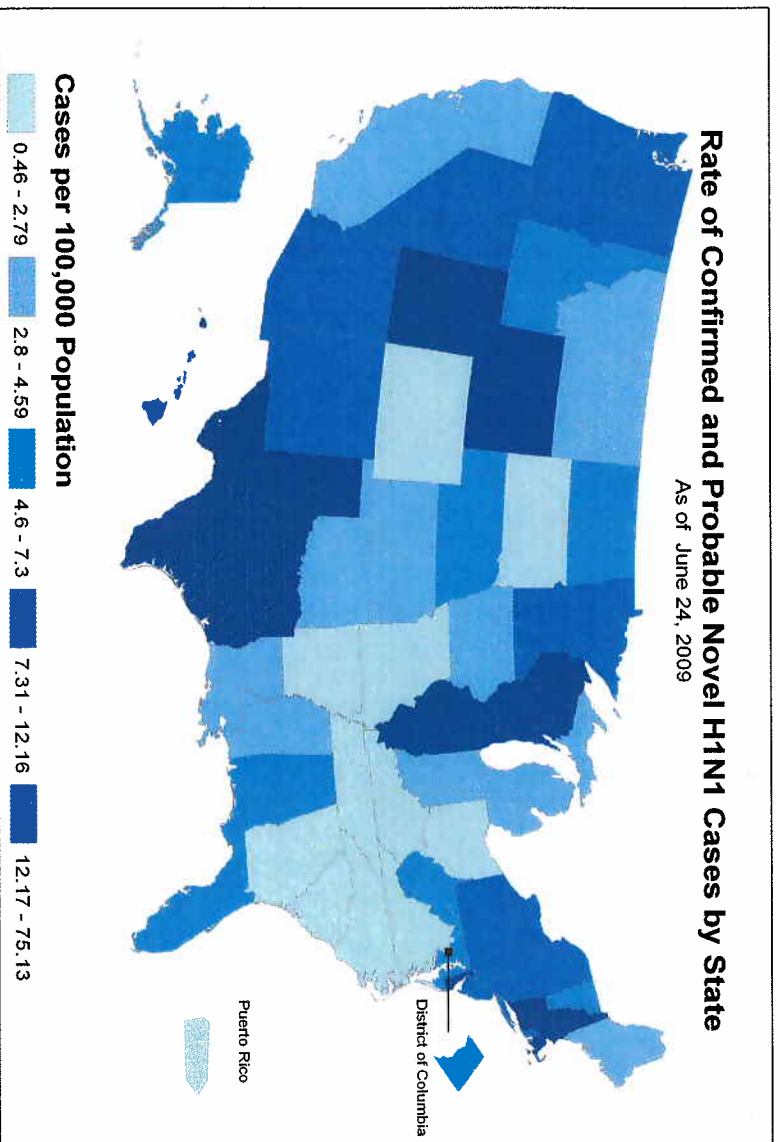
- Occurred very late in the flu season
- Remarkable heterogeneity across U.S.
- Affected young people disproportionately
- Caused widespread illness; some severe or fatal
- Socially disruptive, especially for schools
- Tens of thousands of health workers and others responding worldwide



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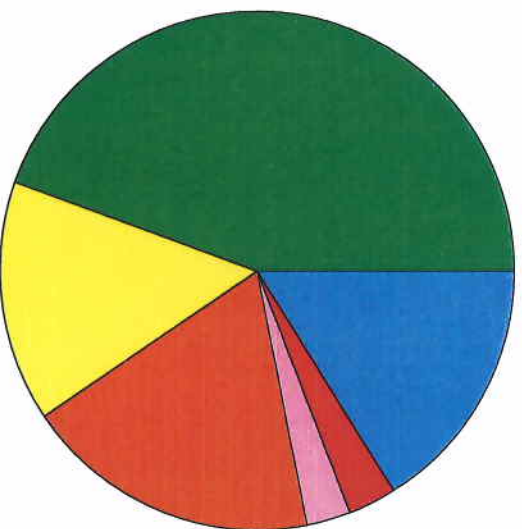
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2009 H1N1 Is Impacting the Entire Country

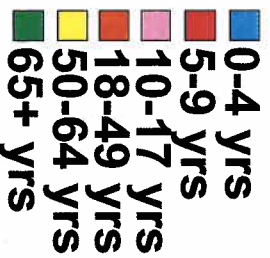


Teens and Young Adults Disproportionately Affected -- Few Cases Among Elderly

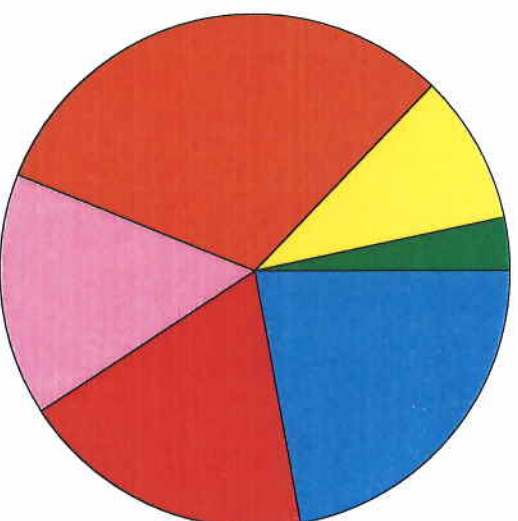
Seasonal 2007-08



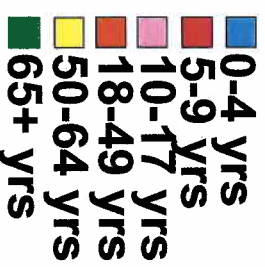
N=3,930



2009 H1N1 (April - Jun)



N=312



*April 12-June 30

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It's Not Over...

Continuing spread in U.S.

Outbreaks in >50 summer camps, some colleges, communities across the country



Southern Hemisphere patterns

Substantial disease in Argentina, Chile, Australia

Reported cases from Africa, Asia

Co-circulation with seasonal influenza strains in some areas

Reported strain on health care system in some localities



We anticipate that this pattern will continue and we will see similar patterns in North America in the fall.

