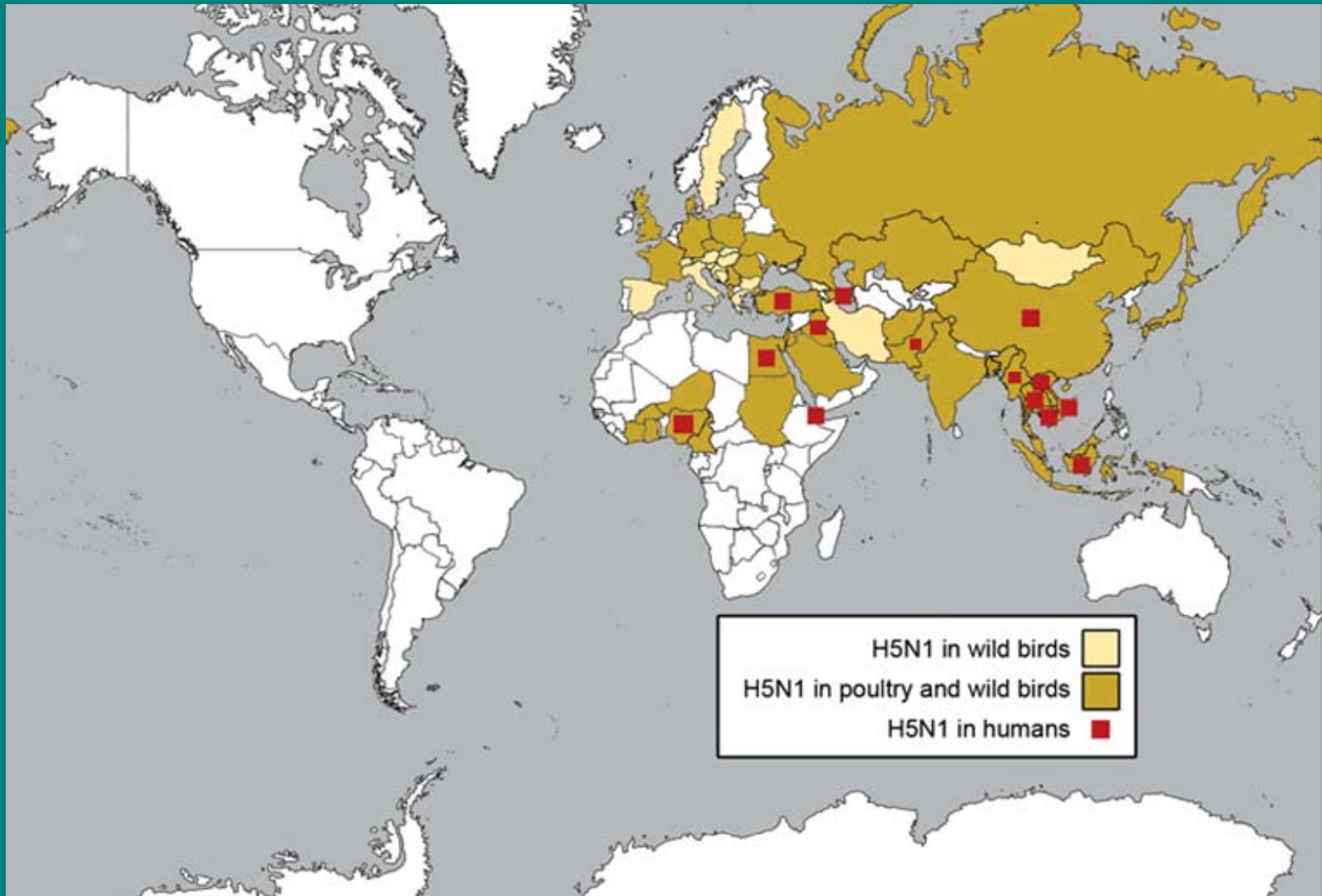


Ethics in public health emergencies: Beyond the usual suspects

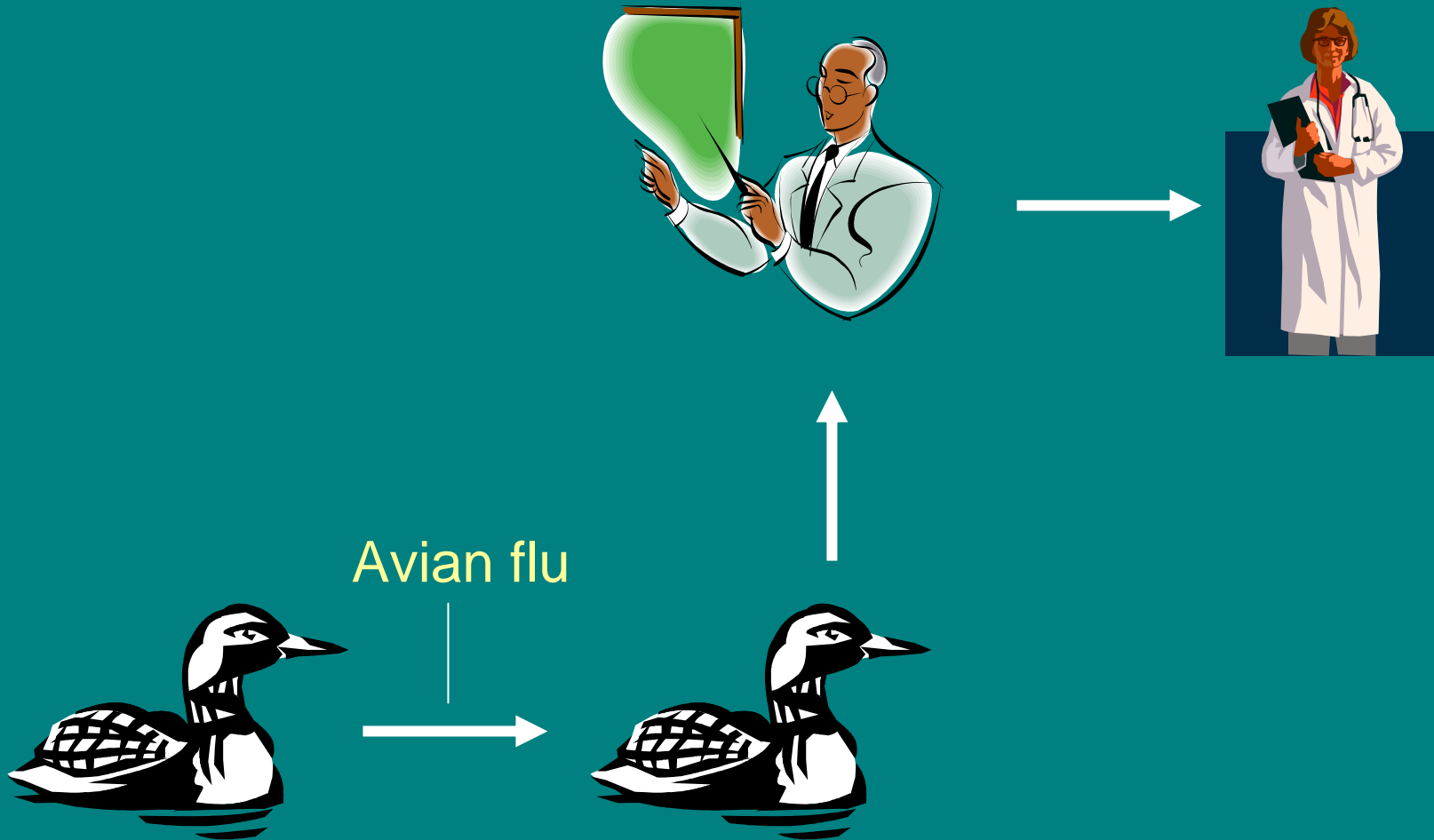
James C. Thomas, MPH, PhD
Department of Epidemiology
Program in Public Health Ethics
University of North Carolina



James C. Thomas
UNC Dept of Epidemiology

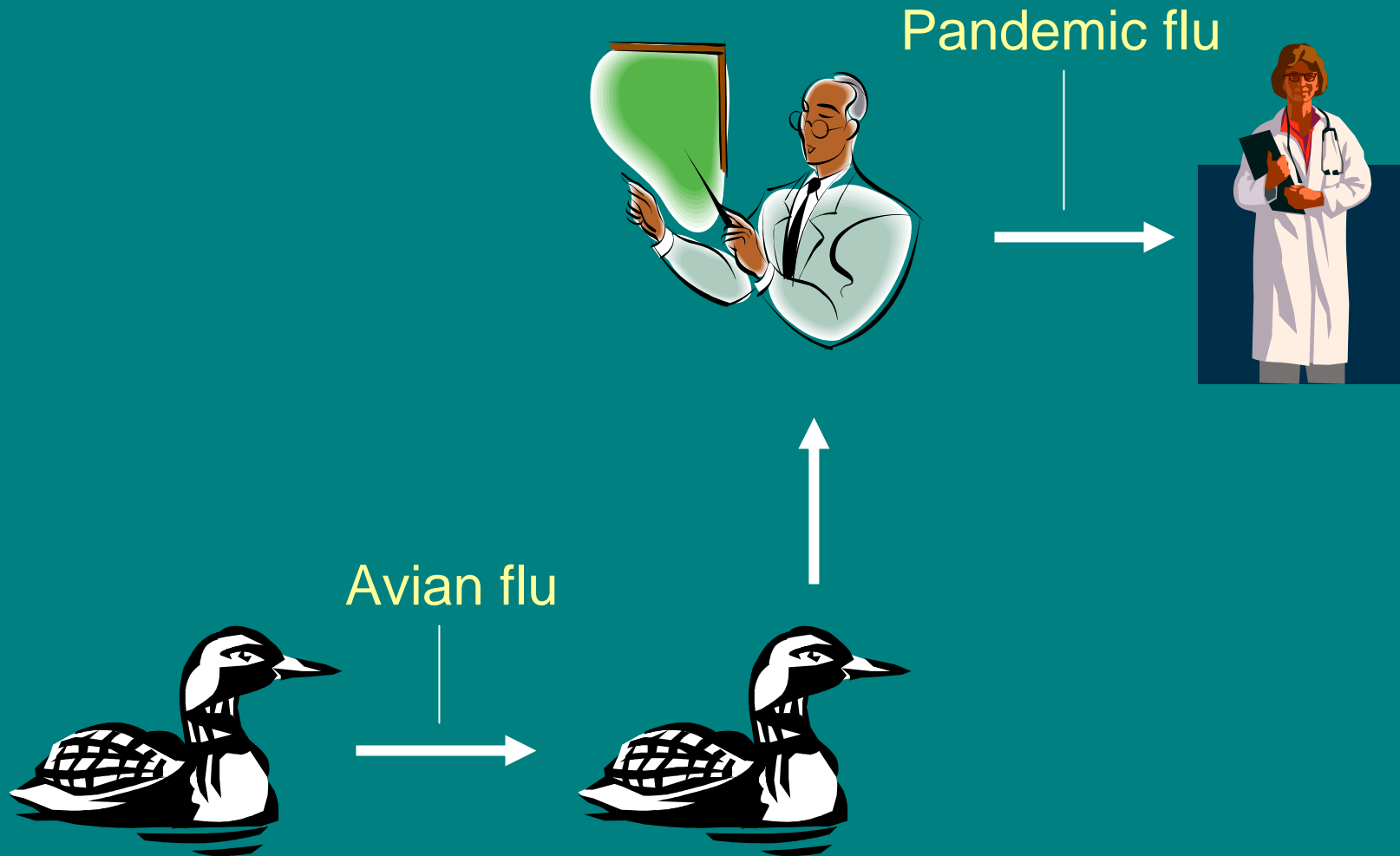


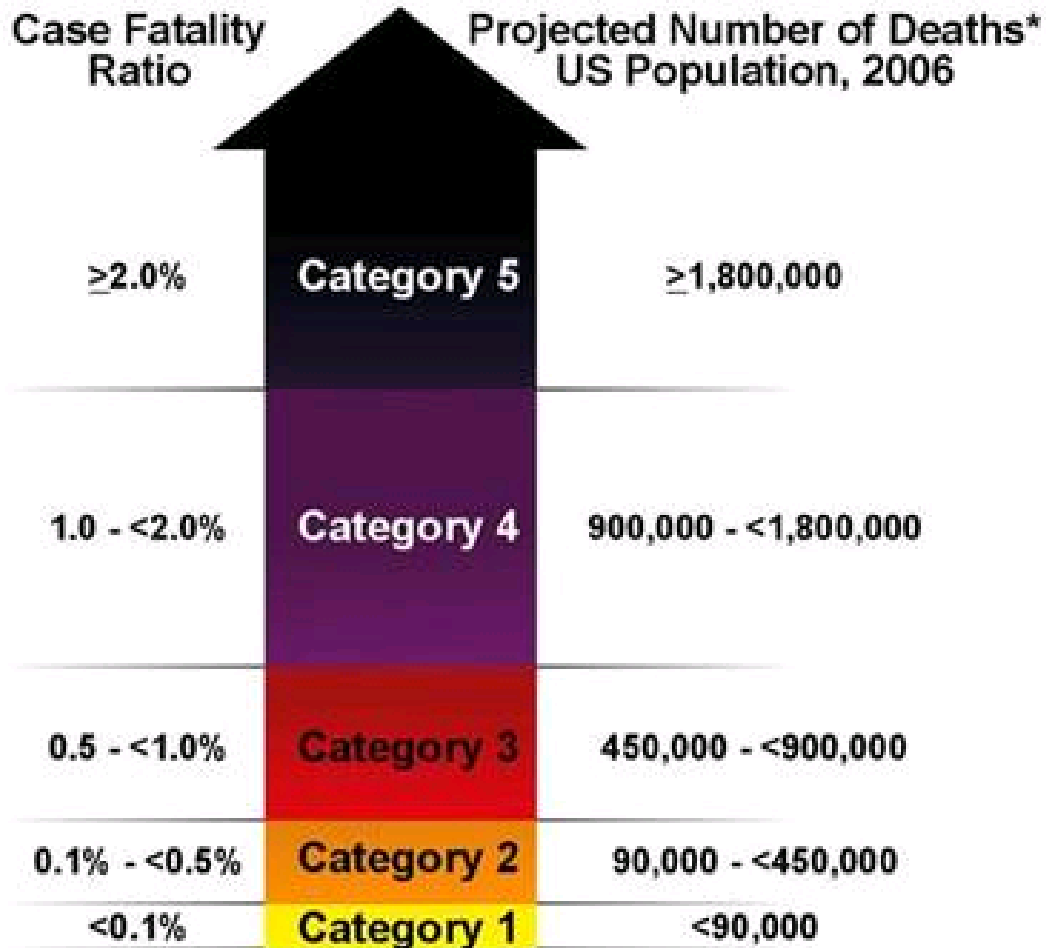
Transmission



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UNC Dept of Epidemiology

Transmission



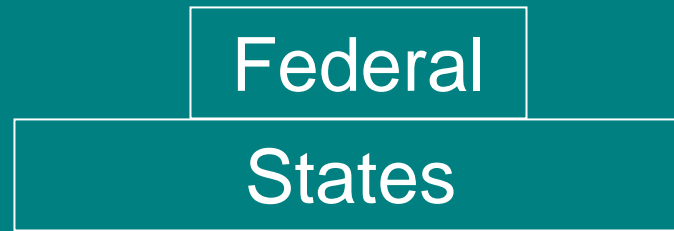


*Assumes 30% illness rate and unmitigated pandemic without interventions

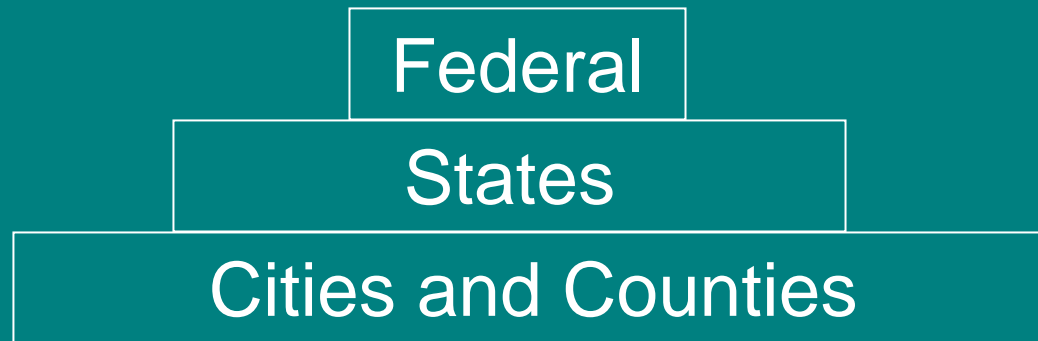
Response levels

Federal

Response levels



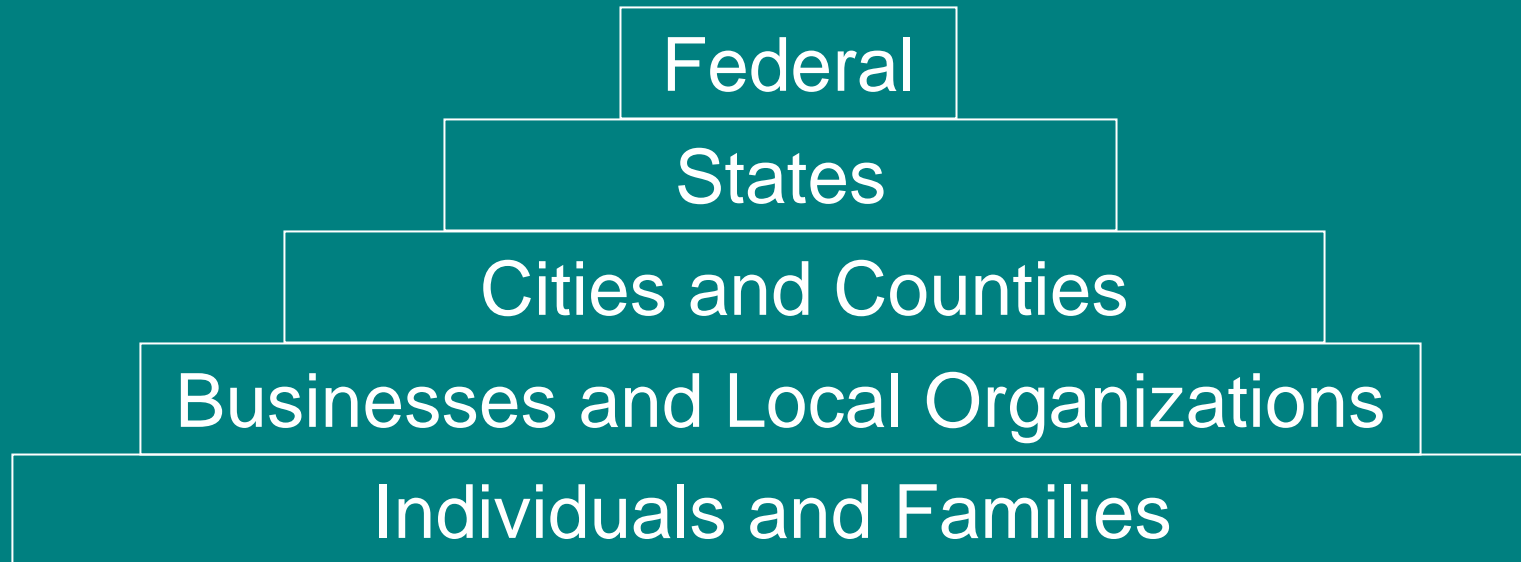
Response levels



Response levels



Response levels



Telephone tag: “Don’t count on us”



James C. Thomas
UNC Dept of Epidemiology

NATIONAL STRATEGY FOR
PANDEMIC
INFLUENZA



HOMELAND SECURITY COUNCIL

NOVEMBER 2005

James C. Thomas
UNC Dept of Epidemiology

HHS Pandemic Influenza Plan



U.S. Department
of Health and
Human Services

November 2005



James C. Thomas
UNC Dept of Epidemiology

HHS Pandemic Influenza Plan

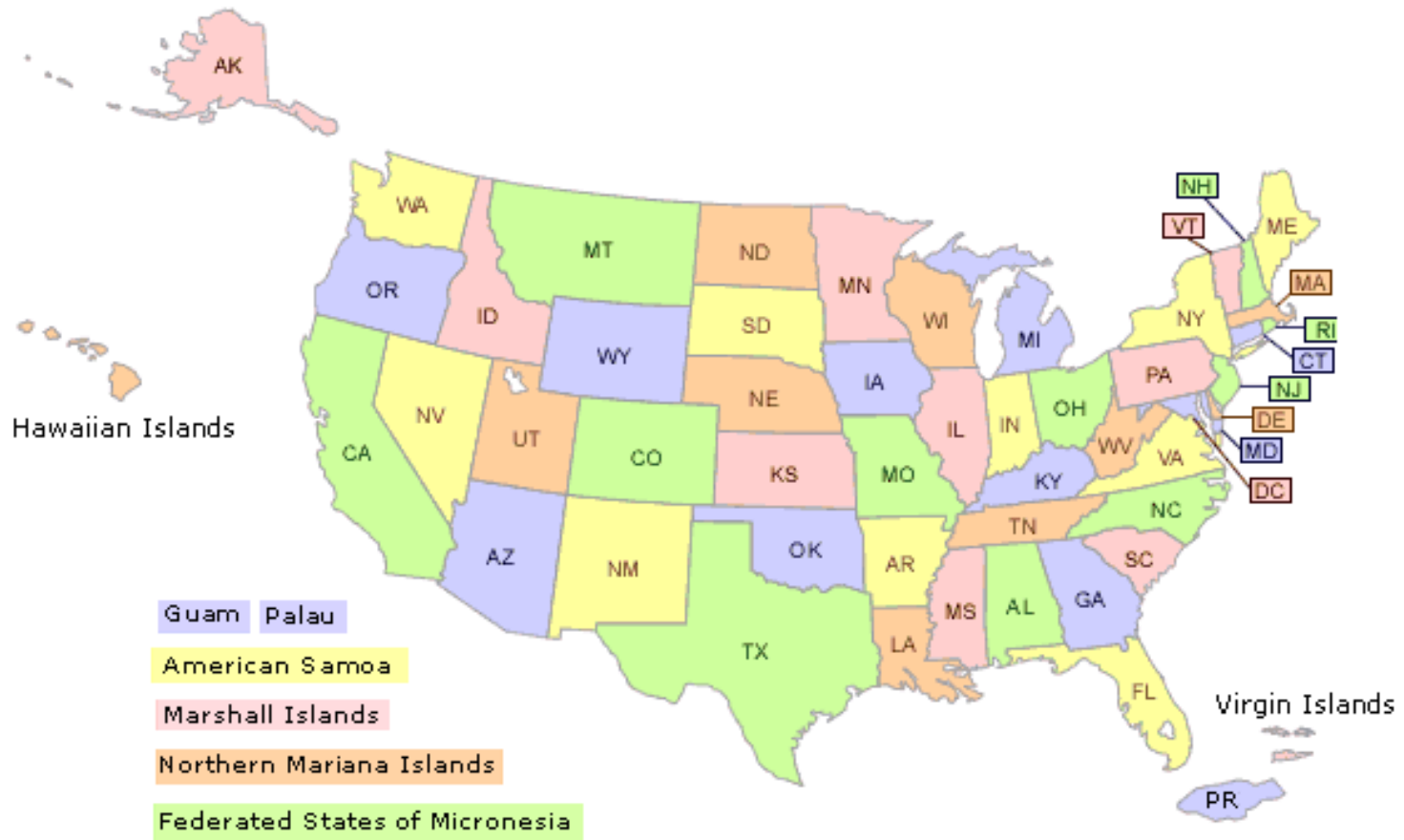
PART 2 – PUBLIC HEALTH GUIDANCE FOR STATE AND LOCAL PARTNERS

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Community mitigation strategy

Interventions* by Setting	Pandemic Severity Index		
	1	2 and 3	4 and 5
Home Voluntary isolation of ill at home (adults and children); combine with use of antiviral treatment as available and indicated	Recommend †§	Recommend †§	Recommend †§
Voluntary quarantine of household members in homes with ill persons¶ (adults and children); consider combining with antiviral prophylaxis if effective, feasible, and quantities sufficient	Generally not recommended	Consider **	Recommend **
School Child social distancing -dismissal of students from schools and school based activities, and closure of child care programs -reduce out-of school social contacts and community mixing	Generally not recommended	Consider: ≤4 weeks ††	Recommend: ≤12 weeks §§
Workplace / Community Adult social distancing -decrease number of social contacts (e.g., encourage teleconferences, alternatives to face-to-face meetings) -increase distance between persons (e.g., reduce density in public transit, workplace) -modify, postpone, or cancel selected public gatherings to promote social distance (e.g., stadium events, theater performances) -modify work place schedules and practices (e.g., telework, staggered shifts)	Generally not recommended	Consider	Recommend
	Generally not recommended	Consider	Recommend
	Generally not recommended	Consider	Recommend
	Generally not recommended	Consider	Recommend

Select a state from the drop-down menu or click on a state in the map.



North Carolina Pandemic Flu Plan

Updated January 2007

N.C. Division of Public Health



North Carolina pandemic flu plan

Table of Contents

Introduction

World Health Organization Phases of an Influenza Pandemic (2005)

List of Acronyms and Abbreviations

Core Parts of Plan:

Part A Command, Control and Management Procedures

Part B Surveillance

Part C Vaccine Preparedness and Response

Part D Antiviral Preparedness and Response

Part E Medical Response

Part F Preparedness in Healthcare Facilities

Part G Communications

Appendices:

Command, Control and Management Procedures

A-1 Appendix 7 to Annex B of the North Carolina Emergency Operations Plan

A-2 Standard Operating Plan for the Public Health Command Center

A-3 Planning Matrix for the NC Public Health Preparedness and Response to Pandemic Influenza

Levels of ethical awareness

1. Recognize an ethical dimension exists

Levels of ethical awareness

1. Recognize an ethical dimension exists
2. Identify specific ethical issues

Levels of ethical awareness

1. Recognize an ethical dimension exists
2. Identify specific ethical issues
3. Identify guidelines and tools for ethical reasoning

Levels of ethical awareness

1. Recognize an ethical dimension exists
2. Identify specific ethical issues
3. Identify guidelines and tools for ethical reasoning
4. Decide who is responsible for which ethical decisions

Levels of ethical awareness

1. Recognize an ethical dimension exists
2. Identify specific ethical issues
3. Identify guidelines and tools for ethical reasoning
4. Decide who is responsible for which ethical decisions
5. Prepare the responsible parties for ethical decision making

Levels of ethical awareness

6. Put the decided plans into action

Levels of ethical awareness

6. Put the decided plans into action
7. Evaluate whether the action achieved the intended result

Words searched (sample)

- Participation
- Duty
- Collaboration
- Consent
- Inclusive
- Ethic
- Right
- Accountability
- Just
- Privacy
- Confidentiality
- Fair
- Obligation
- Equity
- Liberty
- Autonomy
- Disparity
- Equality
- Moral

Words found (samples)

- Ethic (39% of the state plans)

“..adhere to appropriate medical ethics...”

“Consult ethics advisers...”

Words found (samples)

- Fair (18% of the state plans)

“..communities who believe they are not receiving their fair share of vaccine...”

“..will develop a fair and equitable formula for allocation...”

Words found (samples)

- Equity (14% of the state plans)

“..develop a plan for equitable distribution of vaccine...”

“..improve equity in access within priority groups...”

Levels of ethical awareness

1. Recognize an ethical dimension exists
2. Identify specific ethical issues
3. Identify guidelines and tools for ethical reasoning
4. Decide who is responsible for which ethical decisions
5. Prepare the responsible parties for ethical decision making
6. Put the decided plans into action
7. Evaluate whether the action achieved the intended result

Recent efforts to develop ethics guidelines

- CDC
 - Community input
 - Ethical guidelines in pandemic influenza

Citizen Voices on Pandemic Flu Choices

A Report of the Public Engagement Pilot
Project on Pandemic Influenza



Participating Organizations

Atlanta Journal Constitution
Institute of Medicine
Georgia Department of Human Resources, Division of Public Health
Massachusetts Health and Human Services
National Immunization Program at the Centers for Disease Control and Prevention
National Vaccine Program Office in the Department of Health and Human Services
Nebraska Health and Human Services
Oregon Department of Human Services
Practicum Limited
Richard Lounsbury Foundation
Study Circles Resource Center
The Keystone Center
University of Georgia
University of Nebraska Public Policy Center

December 2005

CDC Ethical Guidelines

Ethical guidelines in Pandemic Influenza – Recommendations of the Ethics Subcommittee of the Advisory Committee to the Director, Centers for Disease Control and Prevention

ETHICAL GUIDELINES in PANDEMIC INFLUENZA

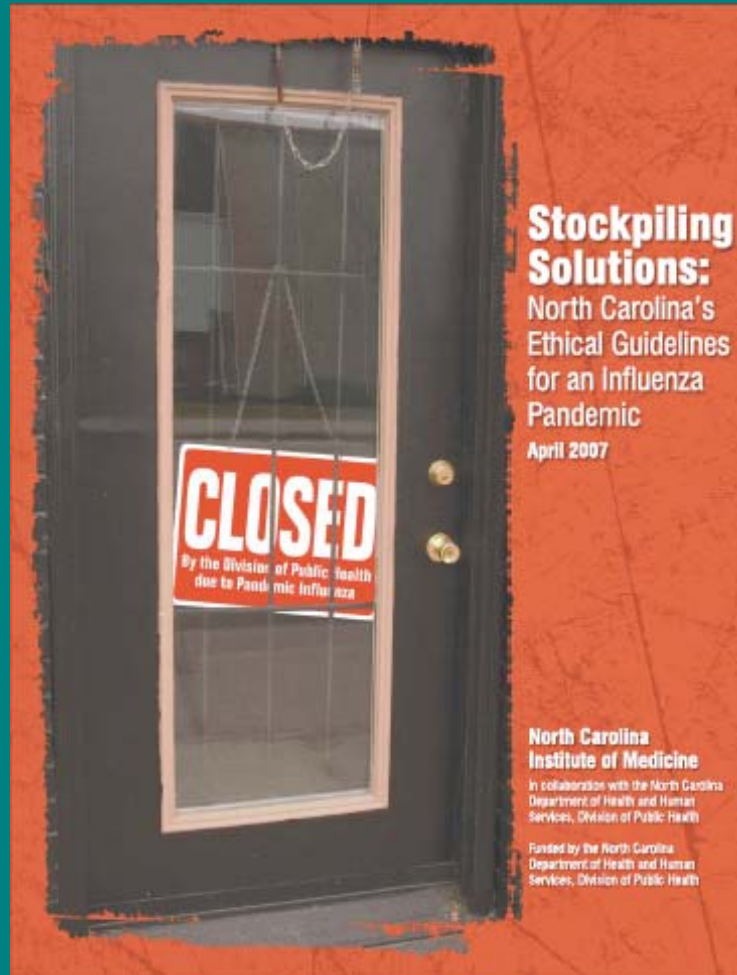
Prepared by

Kathy Kinlaw and Robert Levine for the Ethics Subcommittee of the Advisory Committee to the Director, Centers for Disease Control and Prevention¹

Recent efforts to develop ethics guidelines

- CDC
- States
 - California
 - Minnesota
 - New Mexico
 - Tennessee
 - North Carolina

Recent efforts to develop ethics guidelines



North Carolina's ethical guidelines

James C. Thomas
UNC Dept of Epidemiology

North Carolina's Ethical Guidelines for an Influenza Pandemic

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Ethical issues addressed: The usual suspects

- Allocation of scarce resources
 - Antiviral drugs
 - Vaccine
 - Respirators

Ethical issues addressed: The usual suspects

- Allocation of scarce resources
- Restriction of liberties
 - Isolation
 - Quarantine

Ethical issues addressed: The usual suspects

- Allocation of scarce resources
- Restriction of liberties
- **Work force requirements and care**
 - Duty to care
 - Special needs of care-givers

Ethical issues to address: Beyond the usual suspects

- International obligations
 - Resources for surveillance in SE Asia
 - Resources for families with sick birds
 - Stockpiling antivirals
 - Allocation of vaccine when available

Ethical issues to address: Beyond the usual suspects

- International obligations
- **Explicit ethical rationale for antiviral distribution**
 - Protecting the most vulnerable
 - Preserving social structures
 - Minimizing transmission

Ethical issues to address: Beyond the usual suspects

- International obligations
- Explicit ethical rationale for antiviral distribution
- **Research priorities**
 - How to inform the public
 - How to receive input from the public
 - Dual use

Ethical issues to address: Beyond the usual suspects

- International obligations
- Explicit ethical rationale for antiviral distribution
- Research priorities
- **Potential conflicts of interest**
 - Pharmaceutical companies and pandemic preparation
 - Mass media and fear-mongering

Ethical issues to address: Beyond the usual suspects

- International obligations
- Explicit ethical rationale for antiviral distribution
- Research priorities
- Potential conflicts of interest
- **Opportunity costs**
 - Sacrifice what for pandemic flu preparation?

Ethical issues to address: Beyond the usual suspects

- International obligations
- Explicit ethical rationale for antiviral distribution
- Research priorities
- Potential conflicts of interest
- Opportunity costs
- **Infrastructure needs**
 - Surveillance
 - Training

Ethical issues to address: Beyond the usual suspects

- International obligations
- Explicit ethical rationale for antiviral distribution
- Research priorities
- Potential conflicts of interest
- Opportunity costs
- Infrastructure needs
- Informing the public, receiving public input

Ethical steps to take: Beyond guidelines



Theory

Principles

Guidelines

Policies

Actions

Ethics progression

Philosophy



Theory

Principles

Guidelines

Policies

Actions

Democracy

Ethics progression

Code of Ethics



Theory

Principles

Guidelines

Policies

Actions

**Community
Input**

Ethics progression

**CDC,
States**



Theory

Principles

Guidelines

Policies

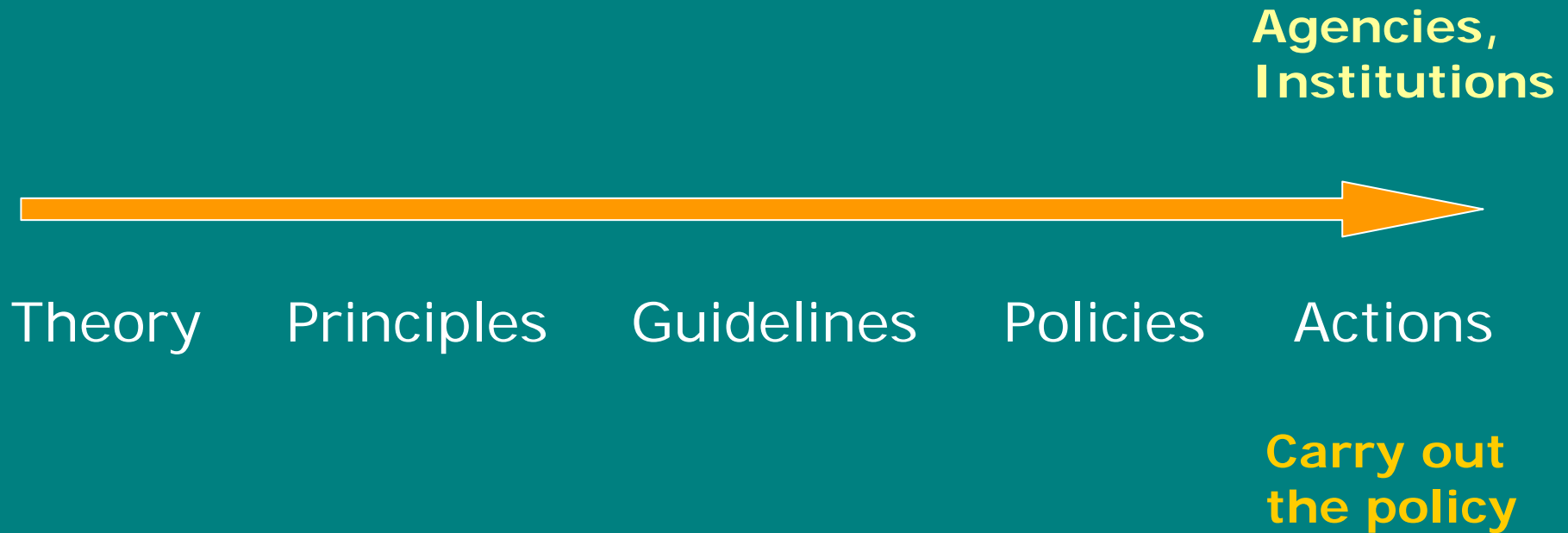
Actions

**Get
Community
Input**

Ethics progression



Ethics progression



Institution-level ethics policies

- Continuity of operations

Institution-level ethics policies

- Continuity of operations
- Personnel policies

Institution-level ethics policies

- Continuity of operations
- Personnel policies
- Budget allocations & stockpiling

Institution-level ethics policies

- Continuity of operations
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Institution-level ethics policies

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- Community input
- Decision making processes

Institution-level ethics policies

- Continuity of operations
- Personnel policies
- Budget allocations & stockpiling
- Community input
- Decision making processes
- Training for ethical decision making

Institution-level ethics policies

- Continuity of operations
- Personnel policies
- Budget allocations & stockpiling
- Community input
- Decision making processes
- Training for ethical decision making
- Research in the context of an emergency

Barriers to ethical preparation

- Out of sight, out of mind

Barriers to ethical preparation

- Out of sight, out of mind
- We have more important things to do

Barriers to ethical preparation

- Out of sight, out of mind
- We have more important things to do
- Righteous battle

Barriers to ethical preparation

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- Righteous battle
- Ethics are intuitive

Barriers to ethical preparation

- Out of sight, out of mind
- We have more important things to do
- Righteous battle
- Ethics are intuitive
- Ethics can't be taught

Exhortation

Strike while the iron's cold

Application to other emergencies



http://www.sph.unc.edu/general/ethics_resources_4025_4057.html

James C. Thomas
UNC Dept of Epidemiology

Conclusion

- Evaluation
 - Survey to be emailed later today
 - Input is valuable
- Archive of today's symposium
 - Email notification when mounted online
 - May share with colleagues
- Further symposia
 - Next event: **May 22, 2008**
 - More information and archives of past events at:
<http://nccphp.sph.unc.edu/symposium/index.htm>

