### WHO Global Pandemic Phases and the Stages for Federal Government Response

<table>
<thead>
<tr>
<th>WHO Phases</th>
<th>Federal Government Response Stages</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INTER-PANDEMIC PERIOD</strong></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>No new influenza virus subtypes have been detected in humans. An influenza virus subtype that has caused human infection may be present in animals. If present in animals, the risk of human disease is considered to be low.</td>
</tr>
<tr>
<td>0</td>
<td>New domestic animal outbreak in at-risk country</td>
</tr>
<tr>
<td>2</td>
<td>No new influenza virus subtypes have been detected in humans. However, a circulating animal influenza virus subtype poses a substantial risk of human disease.</td>
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<tr>
<td><strong>PANDEMIC ALERT PERIOD</strong></td>
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<tr>
<td>3</td>
<td>Human infection(s) with a new subtype, but no human-to-human spread, or at most rare instances of spread to a close contact.</td>
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<tr>
<td>0</td>
<td>New domestic animal outbreak in at-risk country</td>
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<tr>
<td>1</td>
<td>Suspected human outbreak overseas</td>
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<tr>
<td>4</td>
<td>Small cluster(s) with limited human-to-human transmission but spread is highly localized, suggesting that the virus is not well adapted to humans.</td>
</tr>
<tr>
<td>2</td>
<td>Confirmed human outbreak overseas</td>
</tr>
<tr>
<td>5</td>
<td>Larger cluster(s) but human-to-human spread still localized, suggesting that the virus is becoming increasingly better adapted to humans, but may not yet be fully transmissible (substantial pandemic risk).</td>
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<tr>
<td><strong>PANDEMIC PERIOD</strong></td>
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<tr>
<td>6</td>
<td>Pandemic phase: increased and sustained transmission in general population.</td>
</tr>
<tr>
<td>3</td>
<td>Widespread human outbreaks in multiple locations overseas</td>
</tr>
<tr>
<td>4</td>
<td>First human case in North America</td>
</tr>
<tr>
<td>5</td>
<td>Spread throughout United States</td>
</tr>
<tr>
<td>6</td>
<td>Recovery and preparation for subsequent waves</td>
</tr>
</tbody>
</table>
Stages of Federal Government Response

**STAGE 0**

New Domestic Animal Outbreak in At-Risk Country

**GOALS**
- Provide coordination, support, technical guidance
- Track outbreaks to resolution
- Monitor for reoccurrence of disease

**ACTIONS**
- Support coordinated international response
- Prepare to deploy rapid response team and materiel
- Offer technical assistance, encourage information sharing

**POLICY DECISIONS**
- Deployment of countermeasures

**STAGE 1**

Suspected Human Outbreak Overseas

**GOALS**
- Rapidly investigate and confirm or refute
- Coordination and logistical support

**ACTIONS**
- Initiate dialogue with WHO
- Deploy rapid response team
- Amplify lab-based and clinical surveillance to region
- Prepare to implement screening and/or travel restrictions from affected area

**POLICY DECISIONS**
- Pre-positioning of U.S. contribution to international stockpile assets
- Use of pre-pandemic vaccine

**STAGE 2**

Confirmed Human Outbreak Overseas

**GOALS**
- Contain outbreak and limit potential for spread
- Activate domestic medical response

**ACTIONS**
- Declare Incident of National Significance
- Support international deployment of countermeasures
- Implement layered screening measures; activate domestic quarantine stations
- Prepare to limit domestic ports of entry
- Prepare to produce monovalent vaccine

**POLICY DECISIONS**
- Contribution to countermeasures for affected region
- Entry/exit screening criteria; isolation/quarantine protocols
- Diversion of trivalent vaccine production to monovalent
- Revise prioritization and allocation of pandemic vaccine and antiviral medications

**WHO Phase 4 or 5**

Pandemic Alert Period

**WHO Phase 3**

Pandemic Alert Period

**WHO Phase 1 or 2**

Inter-Pandemic Period
STAGE 3
Widespread Outbreaks Overseas

GOALS
Delay emergence in North America
Ensure earliest warning of first case(s)
Prepare domestic containment and response mechanisms

ACTIONS
Activate domestic emergency medical personnel plans
Maintain layered screening measures at borders
Deploy pre-pandemic vaccine and antiviral stockpiles; divert to monovalent vaccine production
Real-time modeling; heighten hospital-based surveillance
Prepare to implement surge plans at Federal medical facilities

POLICY DECISIONS
Prioritize efforts for domestic preparedness and response

STAGE 4
First Human Case in North America

GOALS
Contain first cases in North America
Antiviral treatment and prophylaxis
Implement national response

ACTIONS
Ensure pandemic plans activated across all levels
Limit non-essential domestic travel
Deploy diagnostic reagents for pandemic virus to all laboratories
Continue development of pandemic vaccine
Antiviral treatment and targeted antiviral prophylaxis

POLICY DECISIONS
Revision of prioritization and allocation scheme for pandemic vaccine

STAGE 5
Spread throughout United States

GOALS
Support community response
Preserve critical infrastructure
Mitigate illness, suffering, and death
Mitigate impact to economy and society

ACTIONS
Maintain overall situational awareness
Evaluate epidemiology; provide guidance on community measures
Deploy vaccine if available; prioritization guidance
Sustain critical infrastructure, support health and medical systems, maintain civil order
Provide guidance on use of key commodities

POLICY DECISIONS
Federal support of critical infrastructure and availability of key goods and services
Lifting of travel restrictions

WHO Phase 6
Pandemic Period
# Individual, Family, and Community Response to Pandemic Influenza

## Community Response
- **Be Prepared**
  - Review Individuals and Families Planning Checklist [www.pandemicflu.gov](http://www.pandemicflu.gov)
- **Be Aware**
  - Identify trusted sources for information; stay informed about availability/use of antiviral medications/vaccine
  - Review school pandemic plan; follow pandemic communication to students, faculty, and families
- **Don’t Pass it On**
  - If you are ill—stay home; practice hand hygiene/cough etiquette; model behavior for your children; consider voluntary home quarantine if anyone ill in household
  - If you are ill—stay home; practice hand hygiene/cough etiquette; ensure sufficient infection control supplies
- **Keep Your Distance**
  - Avoid crowded social environments; limit nonessential travel
  - Prepare for possible school closures; plan home learning activities and exercises; consider childcare needs
  - Modify face-to-face contact; flexible worksite (telework); flexible work hours (stagger shifts); snow days
- **Help Your Community**
  - Volunteer with local groups to prepare and assist with emergency response; get involved with your community as it prepares
  - Contribute to the local health department’s operational plan for surge capacity of health care (if schools designated as contingency hospitals)
  - Identify assets and services your business could contribute to the community response to a pandemic
  - Provide social support services and help spread useful information, provide comfort, and encourage calm

## Individuals and Families at Home
- Review [www.pandemicflu.gov](http://www.pandemicflu.gov)

## At School

## At Work

## Faith-Based, Community, and Social Gatherings
- Review Faith-Based and Community Organizations Preparedness Checklist [www.pandemicflu.gov](http://www.pandemicflu.gov)

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For more detailed guidance, visit [www.pandemicflu.gov](http://www.pandemicflu.gov).