

PANDEMIC INFLUENZA

WHO Global Pandemic Phases and the Stages for Federal Government Response

WHO Phases		Federal Government Response Stages	
INTER-PANDEMIC PERIOD			
1	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.	0	New domestic animal outbreak in at-risk country
2	No new influenza virus subtypes have been detected in humans. However, a circulating animal influenza virus subtype poses a substantial risk of human disease.		
PANDEMIC ALERT PERIOD			
3	Human infection(s) with a new subtype, but no human-to-human spread, or at most rare instances of spread to a close contact.	0	New domestic animal outbreak in at-risk country
		1	Suspected human outbreak overseas
4	Small cluster(s) with limited human-to-human transmission but spread is highly localized, suggesting that the virus is not well adapted to humans.	2	Confirmed human outbreak overseas
5	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).		
PANDEMIC PERIOD			
6	Pandemic phase: increased and sustained transmission in general population.	3	Widespread human outbreaks in multiple locations overseas
		4	First human case in North America
		5	Spread throughout United States
		6	Recovery and preparation for subsequent waves

PANDEMIC INFLUENZA

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

WHO Phase 1 or 2
Inter-Pandemic Period

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

WHO Phase 3
Pandemic Alert Period

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

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

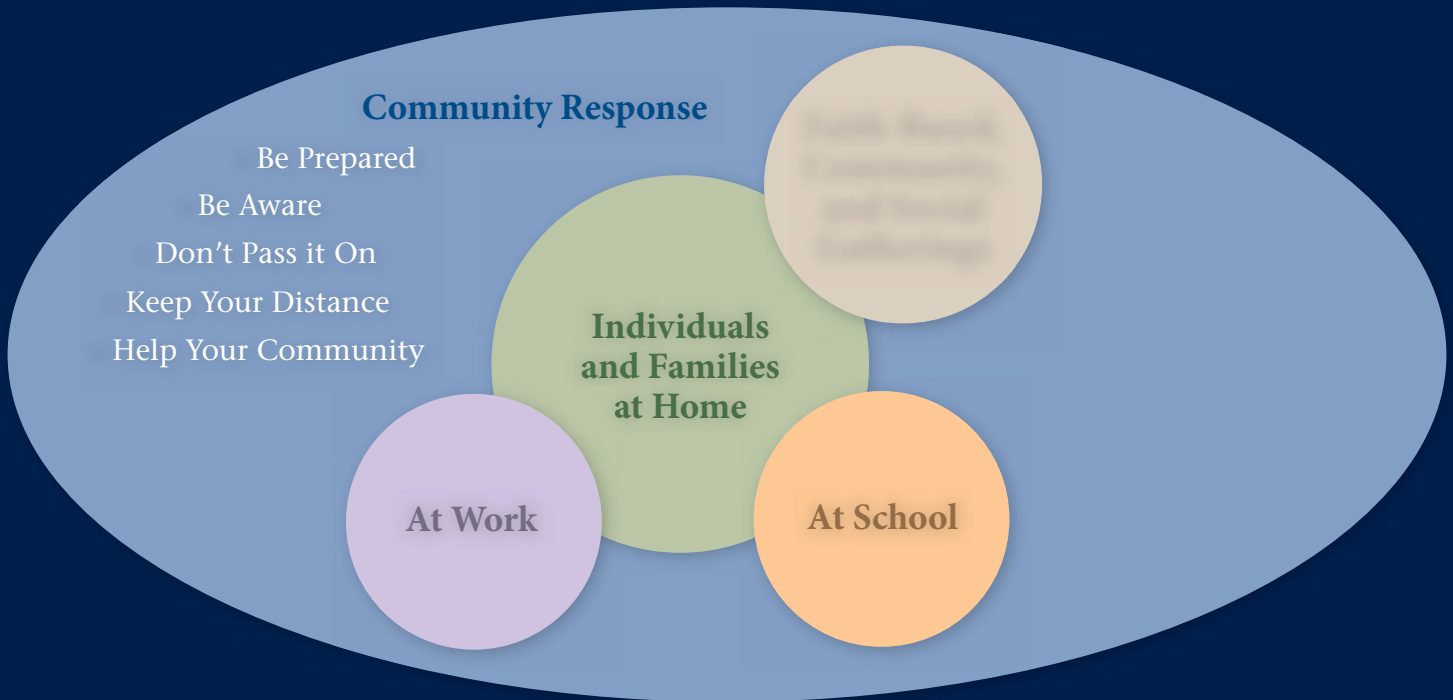
Federal support of critical infrastructure and availability of key goods and services

Lifting of travel restrictions

WHO Phase 6 Pandemic Period

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Individual, Family, and Community Response to Pandemic Influenza



Response	Individuals and Families	At School	At Work	Faith-Based, Community, and Social Gatherings
Be Prepared	Review Individuals and Families Planning Checklist www.pandemicflu.gov	Review School Planning Checklists www.pandemicflu.gov	Review Business Planning Checklist www.pandemicflu.gov	Review Faith-Based and Community Organizations Preparedness Checklist 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	Review business pandemic plan; follow pandemic communication to employees and families	Stay abreast of community public health guidance on the advisability of large public gatherings and travel
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	If you are ill--stay home; practice hand hygiene/cough etiquette; ensure sufficient infection control supplies	If you are ill--stay home; practice hand hygiene/cough etiquette; modify rites and religious practices that might facilitate influenza spread
Keep Your Distance	Avoid crowded social environments; limit non-essential 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	Cancel or modify activities, services, or rituals; follow community health social distancing recommendations
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