



Pandemic Security: ***The Impact of the Current Health Crisis on*** ***Organizational Security***

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Public health experts warn pandemic influenza poses a significant risk to the United States and the world—only its timing, severity, and exact strain remain uncertain. International, federal, state, local, and tribal government agencies are diligently planning for the public health response to this potential pandemic. The disease could be severe and could affect our critical infrastructure and our nation’s economic and social security.



**Center for Disease Control <http://www.cdc.gov/hiniflue/swine>
Official Government Web Site covering pandemics <http://www.pandemicflu.gov/>**

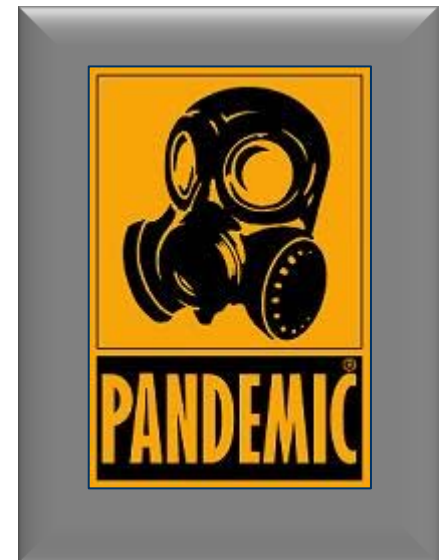
People who work with poultry and swine, especially people with intense exposures, are at risk of infection with influenza from these animals if the animals carry a strain that is also able to infect humans. SIV can mutate into a form that allows it to pass from human to human. The strain responsible for the 2009 swine flu outbreak is believed to have undergone such a mutation.

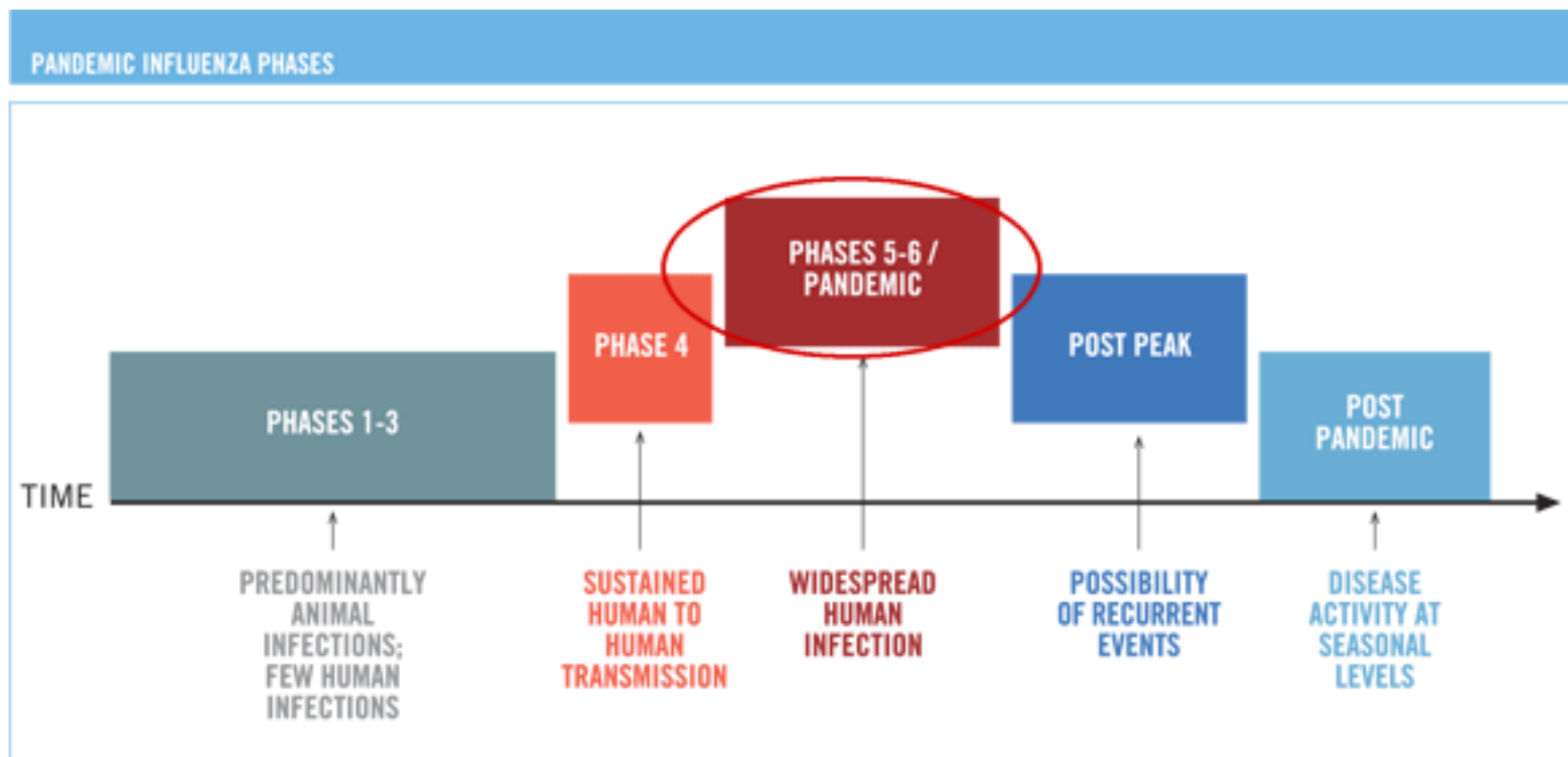
In humans, the symptoms of swine flu are similar to those of influenza and of influenza-like illness in general. In most cases, the strain responsible for the 2009 swine flu outbreak causes only mild symptoms.

What - Pandemic is when the disease impact a significant percentage of the populatate across a number of countries.

When - A pandemic occurs when a new influenza virus, which people have no immunity to, emerges and starts spreading as easily.

Historic - Influenza pandemics have struck about three times every century since the 1500s, or roughly every 10-50 years.





Phase 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).

Severity

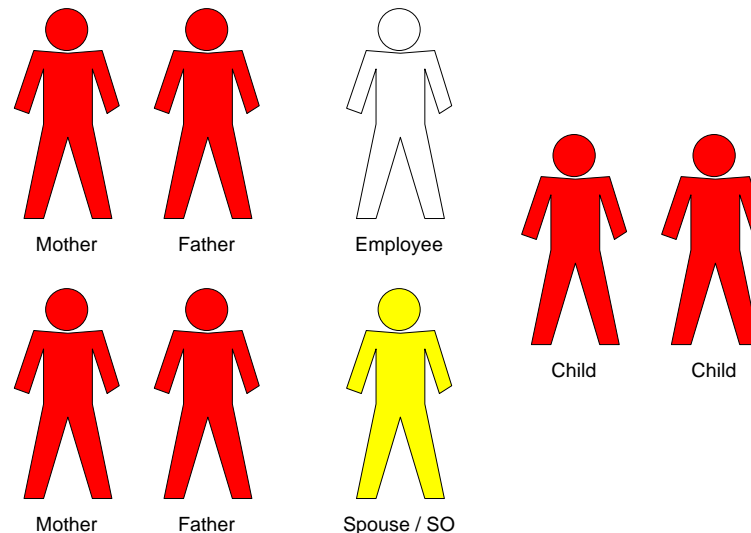
- SO FAR, the current flu does not have the severity of symptoms of past flus
- However, children < 4 and adults > 65 in age are at significantly higher risk

Impact So Far

- Mexico began shutting down all non-essential services Thursday April 30th
- Mexico has declared a five-day "holiday" from May 1 - May 5
- This has essentially shut-down most of the Mexican economy
- 40,000 tourists (most of them American) are leaving the Mexican Caribbean
- Schools in 35 states have closed due to infections

Potential Impact

- Direct illness
- Taking care of:
 - Senior parents
 - Small children
- School closings
- Re-infection cycles



Social Distancing

- Both colleagues and customers
- 3-step rule
- Travel modifications

Facility Procedures

- Both employees & visitors
- Social distancing customs
- Hand-washing
- Increased cleaning crew capacity

Shared or Common Workspaces

- Shift-cleaning precautions
- Eating in designated areas only

Cross Training

- Critical business functions identified
- Countering separation of duties impacts

Remote Access

- Capacity
- Equipment
- Home networks
- Incident command structure : integrate security staff

Increased Help Desk Assistance

- Communication
- Authorization failures
- AAA resets / fixes

Key Vendor/Supplier/Business Partners: do they have a plan?

Normal Process may not be sustainable

- HR / sick leave policies
- Approvals / Routing

Evaluate and validate assumptions of current BCP

- Logistics
- Timing

Identify pain/problem points; critical areas of support

- Focus on the employees
- What can you fix quickly?
- What needs to be studied for next planning cycle?

Crisis Management: Adequate resources?

H1N1 will undoubtedly impact the way organizations operate during the outbreak. The magnitude of impact will differ greatly between organization and greatly dependent upon how significantly infected their employees, vendors and customers become.

The steps outlined in this presentation are the first steps in an ongoing process for security professionals. If the pandemic rating goes to Phase 6, we will again schedule a briefing to assist you in maintaining an appropriate level of security during this crisis.

As always, we stand ready to advise you and answer any question you may have on this and other security and related subjects.

