### Event Name:

A/FLU

### Clinical Description

### Case Time Period:
180 days (6 months)

### WHO Case Classification (2006):

<table>
<thead>
<tr>
<th>Status</th>
<th>Description</th>
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</thead>
</table>
| **Confirmed** | A person meeting the criteria for a suspected or probable case AND  
  a. Isolation of an H5N1 virus;  
  b. Positive H5 PCR results from tests using two different PCR targets, e.g. primers specific for influenza A and H5 HA;  
  c. A fourfold or greater rise in neutralization antibody titer for H5N1 based on testing of an acute serum specimen (collected 7 days or less after symptom onset) and a convalescent serum specimen. The convalescent neutralizing antibody titer must also be 1:80 or higher;  
  d. A microneutralization antibody titer for H5N1 of 1:80 or greater in a single serum specimen collected at day 14 or later after symptom onset and a positive result using a different serological assay, for example, a horse red blood cells haemagglutination inhibition titer of 1:160 or greater or an H5-specific western blot positive result. |
| **Probable** | A person meeting the criteria for a suspected case AND  
  a. infiltrates or evidence of an acute pneumonia on chest radiograph plus evidence of respiratory failure (hypoxemia, severe tachypnea) OR  
  b. positive laboratory confirmation on an influenza A infection but insufficient laboratory evidence for H5N1 infection.  
  **Definition 2:**  
  A person dying of an unexplained acute respiratory illness who is considered to be epidemiologically linked by time, place, and exposure to a probable or confirmed H5N1 case. |
| **Suspect** | A person presenting with unexplained acute lower respiratory illness with fever (>38º C) and cough, shortness of breath or difficulty breathing AND  
  a. close contact (within 1 meter) with a person (e.g. caring for, speaking with, or touching) who is a suspected, probable, or confirmed H5N1 case;  
  b. Exposure (e.g. handling, slaughtering, defeathering, butchering, preparation for consumption) to poultry or wild birds or their remains or to environments contaminated by their feces in an area where H5N1 infections in animals or humans have been suspected or confirmed in the last month;  
  c. Consumption of raw or undercooked poultry products in an area where H5N1 infections in animals or humans have been suspected or confirmed in the last month;  
  d. Close contact with a confirmed H5N1 infected animal other than poultry or wild birds (e.g. cat or pig);  
  e. Handling samples (animal or human) suspected of containing H5N1 virus in a laboratory or other setting. |

### Massachusetts Case Classification:

Follows WHO classification
<table>
<thead>
<tr>
<th>Report Type</th>
<th>Test Type</th>
<th>Source</th>
<th>Result</th>
<th>New event or beyond report period?</th>
<th>Data Entry</th>
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</thead>
<tbody>
<tr>
<td>Laboratory Report</td>
<td>Culture</td>
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<td>Influenza virus isolated</td>
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<td>Virus identified: PrId: Pt: xxx: Nom: Virus culture</td>
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<tr>
<td>Laboratory Report</td>
<td>PCR</td>
<td></td>
<td>Influenza virus</td>
<td>Yes</td>
<td>New event SUSPECT</td>
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<tr>
<td>Laboratory Report</td>
<td>Antigen</td>
<td>CSF or Serum</td>
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<td>Yes</td>
<td>New event SUSPECT</td>
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<td>Select (A antigen):</td>
<td>Influenza virus A Ag: ACnc: Pt: xxx: Ord:</td>
<td>No</td>
<td>Same event</td>
<td></td>
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