The Impact of Pandemic Influenza on Public Health

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Part Three of Six

H5N1 Avian Outbreaks from July 2004
H5N1 Outbreaks Between January and June, 2004
H5N1 Outbreaks, September 16-30, 2005

This map represents the provinces that experienced outbreaks of H5N1 type of Avian Influenza in the past 2 weeks (map updated to 30 September 2005). The original data have been collected and aggregated at the most detailed administrative level and for the units available for each country.

Source: AI outbreaks: OIE
H5N1 Outbreaks, October 1-15, 2005

This map represents the provinces that experienced outbreaks of H5N1 type of Avian Influenza in the past 2 weeks (map updated to 15 October 2005). The original data have been collected and aggregated at the most detailed administrative level and for the units available for each country.

Source: AI outbreaks: OIE
H5N1 Outbreaks, October 16-31, 2005

This map represents the provinces that experienced outbreaks of H5N1 type of Avian Influenza in the past 2 weeks (map updated to 31 October 2005). The original data have been collected and aggregated at the most detailed administrative level and for the units available for each country.

Source: AI outbreaks: FAO and OIE
H5N1 Outbreaks, November 1-15, 2005

This map represents the provinces that experienced outbreaks of H5N1 type of Avian Influenza in the past 2 weeks (map updated to 15 November 2005). The original data have been collected and aggregated at the most detailed administrative level and for the units available for each country.

Source: AI outbreaks: FAO, OIE and Official government sources

☆ H5N1 found in flamingo along seashore in Kuwait
H5N1 Outbreaks, November 16-30, 2005

This map represents the provinces that experienced outbreaks of H5N1 type of Avian Influenza in the past 2 weeks (map updated to 30 November 2005). The original data have been collected and aggregated at the most detailed administrative level and for the units available for each country. Source: AI outbreaks: FAO, OIE, and official government sources.
H5N1 Outbreaks, December 1-15, 2005

This map represents the provinces that experienced outbreaks of H5N1 type of Avian Influenza in the past 2 weeks (map updated to 15 December 2005). The original data have been collected and aggregated at the most detailed administrative level and for the units available for each country. Source: AI outbreaks: FAO, OIE and official government sources.
H5N1 Outbreaks, December 16-30, 2005

Source: AI outbreaks: FAO, OIE, and official government sources
Avian Influenza Outbreaks, January 1-15, 2006

Legend
- adm1
- Countries with Outbreaks
- International boundaries

Source: AI outbreaks: FAO, OIE, and official government sources

This map represents the provinces that experienced outbreaks of H5N1 type of Avian Influenza from 1 through 15 January 2006. The original data have been collected and aggregated at the most detailed administrative level and for the units available for each country. Source: AI outbreaks: FAO, OIE and Official government sources.
Europe Avian Influenza Outbreaks

This map represents the provinces that experienced outbreaks of H5N1 type of Avian Influenza in Europe from October through 13 January 2006. The original data have been collected and aggregated at the most detailed administrative level and for the units available for each country. Source: AI outbreaks: FAO, OIE and Official government sources.
World Avian Influenza Outbreaks: February 1-15, 2006

This map represents the provinces that experienced outbreaks of H5N1 type of Avian Influenza globally from 1st through 15th of February 2006. The original data have been collected and aggregated at the most detailed administrative level and for the units available for each country. Source: AI outbreaks: FAO, OIE and Official government sources.

Source: AI outbreaks: FAO, OIE, and official government sources
Nigeria: H5N1 Outbreak, February, 2006

This map represents the provinces that experienced outbreaks of H5N1 type of Avian Influenza in Nigeria in 2006. The original data have been collected and aggregated at the most detailed administrative level and for the units available for each country. Source: AI outbreaks: FAO (AGAL), OIE, and official government sources.
World Avian Influenza Outbreaks

This map represents the provinces that experienced outbreaks of HPNI from 15th of January through 20th of February 2006. The original data have been collected and aggregated at the most detailed administrative level and for the units available for each country. Source: AI outbreaks: FAO, OIE and official government sources.

Source: AI outbreaks: FAO, OIE, and official government sources
Countries Reporting Confirmed Occurrence of H5N1 Influenza in Poultry and Wild Birds Since 2006

Source: WHO/WPRO
In Cats?

- March 7th, 2006, Rome—following the finding of the H5N1 avian influenza virus in a dead cat on the island of Rügen in Germany, the European Commission has advised its member states to take specific measures regarding cats and dogs in the infected areas.

- The general public and cat owners especially have increasingly shown concern and are consulting veterinarians for advise.
Pig Density and Avian Influenza Outbreaks in Asia

Source: FAO
Poultry Density and Avian Influenza Outbreaks in Asia

Source: FAO
Possible Spread of HPAI along Major Flyways of Migrating Birds

Source: FAO
Waterfowl Migratory Patterns

WATERFOWL FLYWAYS OF NORTH AMERICA

Source: Department of Health and Human Services (www.pandemicflu.gov)