Avian Influenza Outbreak in Korea

As of 22 Dec 06

**Iksan (HPAI outbreak #1), 24 Nov 06, 6,500 out of 13,300 45-week-old broiler chickens died due to H5N1 avian influenza**
- 6,800 additional chickens housed at the poultry farm - culled to contain potential H5N1 spread
- 25 Nov 06, highly-pathogenic avian influenza (HPAI) H5N1 identified by Korean Ministry of Agriculture
  - 500m (1,640 ft) radius: all animals being culled
  - 236,000 chickens and ducks, 300 pigs, 577 dogs, 6 million eggs at six farms
  - 3km (1.9 mi) radius: all poultry culled on 40 poultry farms; quarantine (prohibited removal of feed, manure and egg plates); testing and culling of livestock, based on testing
  - 10km (6.2 mi) radius: movement control; Banned movement of chickens, birds, and eggs (= banned shipment of more than 5 million poultry from 221 farms)

**Kunsan (AB), 29 Nov 06, 400 out of 12,000 (chicken) died due to HPAI**
- Total culled two farms: 760,000 poultry, 427 pigs/dogs, 1.8M eggs

**Hwangdeungmyun (#2), 11 Dec 06, 4000 out of 290,000 (quail) died due to HPAI**
- Other 286,000 quail culled
- Additional 75,000 quail and 45,000 eggs culled within 500m
- 3km/10km quarantines in place as in Iksan

**Tangjungmyun, Asan (#4), 15km from Cp Humphreys**
- 21 Dec 06 - HPAI confirmed in ducks
  - 110km from the 3rd HPAI
- 23,000 ducks in 3km radius of farm to be culled
  - 10km radius quarantine, epidemiologic investigation

**Kongdukmyun, Kimjae (Gimje) (#3)**
- 18 km away from Iksan, 27 km east of Kunsan AB
- 11 Dec 06, 4000 out of 290,000 (quail) died due to HPAI
  - Other 286,000 quail culled
  - Additional 75,000 quail and 45,000 eggs culled within 500m
  - 3km/10km quarantines in place as in Iksan

**Information collected from verbal communication with Korean Center for Disease Control and Prevention and RoK Ministry of Agriculture and Forestry and open source reporting**

All locations: No local residents or quarantine officials have been infected with HPAI
- Total of 216 people taking Tamiflu/ seasonal flu shot (to minimize chance of interaction of human flu

**Area I**
- Yongsan
- Taegu Cp
- Kunsan (AB)

**Area II**
- Area III
- Area IV
- Cp Humphreys
- Kwangju (AB)
- Iksan
- Hwangdeungmyun
- Kongdukmyun, Kimjae (Gimje)
- Iksan
- Tangjungmyun
- Pyongtaek
- Asan
- Yongsan
- Taegu Cp
- Kunsan (AB)
- Kwangju (AB)
- Cp Humphreys
- Iksan
- Hwangdeungmyun
- Kongdukmyun, Kimjae (Gimje)
- Iksan
- Tangjungmyun
- Pyongtaek
- Asan
ROK HPAI Decon Sites Near Camp Humphreys

First Decon Spray Encounter (Truck on side of road spraying across traffic lanes)

Bongjae-Ri

CPX Gate

Dunpo

CP Humphreys

Pyongtaek

Distance from CP Humphreys is approx. 6 KM

Second Decon Spray Encounter. (Deliberate & personnel in full protective suits & masks)

Bongjae-ri Fishing Lake w/large Duck/Water Fowl Population