



USDA Foreign Agricultural Service

# GAIN Report

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## China, Peoples Republic of

### Poultry and Products

## Highly Pathogenic Avian Influenza Outbreak in Hunan Province

### 2005

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**Report Highlights:**

This week China reported its 6th AI outbreak during 2005. Highly pathogenic avian influenza (H5N1) killed 545 birds in China's Hunan Province, according to a Ministry of Agriculture report filed with the International Organization of Animal Health (OIE) on October 25. Officials destroyed 2,487 birds and vaccinated another 43,750 with an inactivated mono H5N2 vaccine. No human infections were reported. The OIE notification is included in this report. Thus far during 2005, China has reported AI outbreaks in Qinghai, Tibet, Xinjiang, Inner Mongolia, Anhui and Hunan.

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Includes PSD Changes: No  
Includes Trade Matrix: No  
Unscheduled Report  
Beijing [CH1]  
[CH]

## Summary

On October 25, 2005, China's Chief Veterinary Officer notified the OIE and the U.S. Embassy about an outbreak of highly pathogenic avian influenza, sub-type H5, in the village of Wantang in Hunan Province. The outbreak in chickens and ducks started on October 22 and was confirmed on October 25. Diagnosis was based upon HI, RT-PCR and IPVI tests carried out by the National Avian Influenza Reference Laboratory at the Harbin Veterinary Research Institute. In response, officials destroyed 2,487 birds and vaccinated another 43,750 with an inactivated mono H5N2 vaccine.

Thus far during 2005, China has reported AI outbreaks in Qinghai, Tibet, Xinjiang, Inner Mongolia, Anhui and Hunan.

Following is China's notification to the International Organization of Animal Health (OIE).

### **HIGHLY PATHOGENIC AVIAN INFLUENZA IN CHINA (PEOPLE'S REP. OF ~) Follow-up report No. 5**

*Information received on 25 October 2005 from Mr. Jia Youling, Director General, Bureau of Veterinary, Ministry of Agriculture, P.R. China:*

**Report Date:** 25 October 2005.

**Precise identification of agent:** H5 subtype avian influenza virus.

**Date of first confirmation of the event:** 25 October 2005.

**Nature of diagnosis:** clinical, post-mortem and laboratory.

#### **Details of new outbreak:**

First administrative division	Lower administrative division	Type of epidemiological unit	Name of the location	Date of start of the outbreak	Species	Number of animals in the outbreak				
						susceptible	cases	deaths	destroyed	slaughtered
Hunan	Xiangtan County	Village	Wantang	22 Oct. 2005	avi	687	545	545	2,487	0

**Description of affected population in the new outbreak:** chicken and duck.

#### **Diagnosis:**

Laboratories where diagnosis was made	Species examined	Diagnostic tests used	Date	Results

National Avian Influenza Reference Laboratory, Harbin Veterinary Research Institute, Chinese Academy of Agricultural Sciences, Harbin, P.R.C.	Avi	HI	25 Oct. 2005	positive
		RT-PCR		positive
		IVPI		Highly Pathogenic

**Source of new outbreak:** unknown or inconclusive.

**Control measures undertaken:**

- stamping out;
- quarantine;
- movement control inside the country;
- screening;
- zoning;
- vaccination;
- disinfection of infected premises/establishment(s);
- dipping/spraying.

**Vaccination in response to the outbreak:**

<i>First administrative division</i>	<i>Species</i>	<i>Total number of vaccinated animals</i>	<i>Details of the vaccine</i>
Hunan Province	avi	43,750	Inactivated mono H5N2 Vaccine

**Treatment of affected animals:** no.

**Vaccination prohibited:** no.

**Final report:** no.

End of Report.