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DISEASE INFORMATION

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Contents

HIGHLY PATHOGENIC AVIAN INFLUENZA IN VIETNAM
Follow-up report No. 13

Information received on 28 February 2005 from Dr Bui Quang Anh, Director, Department of Animal Health, Ministry of Agriculture and Rural Development, Hanoi:

End of previous report period: 4 January 2005 (see *Disease Information*, **18** [1], 3, dated 7 January 2005).
End of this report period: 22 February 2005.

New outbreaks:

Location	No. of outbreaks
Bac Ninh	5
Ben Tre	5
Binh Duong	2
Ca Mau	3
Dong Nai	5
Ha Nam	1
Ha Noi	6
Hai Duong	9
Ho Chi Minh City	1
Kien Giang	2
Lam Dong	3
Ninh Binh	1
Ninh Thuan	3
Phu Tho	1
Quang Binh	2
Quang Nam	7
Soc Trang	1
Tay Ninh	4
Thai Binh	2
Thai Nguyen	4
Vinh Long	6
Total	73

Description of affected population in the new outbreaks: chickens and ducks.

Total number of animals in the new outbreaks:

Outbreak location	*Species*	*Type*	*susceptible*	*cases*	*deaths*	*destroyed*
Bac Ninh	avi	chickens	...	8,846	2,419	8,846
Ben Tre	avi	chickens	...	29,148	22,433	29,148
	avi	ducks	...	1,631	566	1,631
Binh Duong	avi	...	...	18,375	940	18,375
Ca Mau	avi	chickens	...	500	231	500
	avi	ducks	...	6,100	5,040	6,100
Dong Nai	avi	chickens	...	22,468	554	22,468
	avi	ducks	...	1,253	603	1,253
Ha Nam	avi	ducks	...	100	58	100
Ha Noi	avi	chickens	...	3,749	700	3,749
	avi	ducks	...	3,360	430	3,360
Hai Duong	avi	chickens	...	20,079	841	20,079
Ho Chi Minh City	avi	chickens	...	2,700	450	2,700
Kien Giang	avi	ducks	...	2,900	2,500	2,900
Lam Dong	avi	chickens	...	451	297	451
Ninh Binh	avi	chickens	...	10	7	10
Ninh Thuan	avi	chickens	...	1,196	543	1,196
	avi	ducks	...	100	66	100
Phu Tho	avi	chickens	...	2,817	2,630	2,817
Quang Binh	avi	ducks	...	250	50	250
	avi	chickens	...	367	247	367
Quang Nam	avi	ducks	...	18,912	215	18,912
Soc Trang	avi	ducks	...	19,535	3,670	19,535
Tay Ninh	avi	chickens	...	71,030	10,495	71,030
	avi	ducks	...	19,498	2,740	19,498
Thai Binh	avi	chickens	...	876	58	876
	avi	ducks	...	734	120	734
Thai Nguyen	avi	chickens	...	713	493	713
Vinh Long	avi	chickens	...	13,704	2,102	13,704
	avi	ducks	...	53,106	16,738	53,106
Total			**...**	**324,508**	**78,236**	**324,508**

Diagnosis:

- ***A. Laboratories where diagnosis was made:*** Regional Veterinary Center, Ho Chi Minh City.
- ***B. Diagnostic tests used:*** haemagglutination inhibition test (2 February 2005).
- ***C. Causal agent:*** avian influenza virus subtype H5.

Source of agent / origin of infection: re-occurrence in previously infected areas.

Control measures:

- control of arthropods;

- control of wildlife reservoirs;
- quarantine;
- movement control inside the country;
- stamping-out policy;
- screening.

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HIGHLY PATHOGENIC AVIAN INFLUENZA IN THAILAND
Follow-up report No. 47

Information received on 3 March 2005 from Dr Yukol Limlamthong, Director General, Department of Livestock Development (DLD), Ministry of Agriculture and Cooperatives, Bangkok:

End of previous report period: 24 February 2005 (see *Disease Information*, **18** [8], 69, dated 25 February 2005).
End of this report period: 3 March 2005.

Identification of agent: highly pathogenic avian influenza virus subtype H5N1.

Details of new outbreaks:

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*
KamphaengPhet province	Lan Krabu district	village	Bueng Thap Raet	22 Feb. 2005	avi	11	5	5	6	0
NakhonSawan province	Phayuha Khiri district	village	Kho Kala	28 Feb. 2005	avi	...	...	...	...	...
Nonthaburi province	Muang district	village	Talat Khan	21 Feb. 2005	avi	10	1	1	9	0
Uttaradit province	Muang district	village	Wang Ka Phi	22 Feb. 2005	avi	42	18	18	24	0
Uttaradit province	Phichai district	village	Nai Mueang	21 Feb. 2005	avi	...	...	...	...	...
Uttaradit province	Thong Saen Khan district	village	Pa Khai	22 Feb. 2005	avi	30	4	4	26	0
Uttaradit province	Tron district	village	Bang Kaeng	15 Feb. 2005	avi	72	6	6	66	0
Uttaradit province	Tron district	village	Wang Daeng	22 Feb. 2005	avi	24	1	1	23	0

Description of affected population in the new outbreaks: native chickens, cage birds.

Diagnosis:

Laboratories where diagnosis was made	*Diagnostic tests used*	*Results*
National Institute of Animal Health and seven Regional Veterinary Research and Development Centers	- agar-gel precipitation test; - haemagglutination test; - haemagglutination inhibition test; - pathogen isolation by egg inoculation; - intracerebral pathogenicity index test.	positive

Control measures undertaken:

- stamping out;
- quarantine;

- movement control inside the country;
- screening;
- zoning;
- disinfection of infected premises/establishments.

Treatment of affected animals: no.

Vaccination prohibited: yes.

Other details/comments:

- These outbreaks are part of the highly pathogenic avian influenza epizootic affecting the country since the re-occurrence of the disease on 3 July 2004.
- Since the beginning of February 2005, the DLD has been conducting active surveillance nationwide.

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Disease Information on the Web:
www.oie.int/eng/info/hebdo/a_info.htm