TERRESTRIAL ANIMALS

IMMEDIATE NOTIFICATION OR FOLLOW-UP REPORT OF A DISEASE, INFECTION OR OTHER SIGNIFICANT EPIDEMIOLOGICAL EVENT

Type of report Immediate notification [ ] Follow-up report [/] Number: …16(1).....

1. 25/10/2005 Report date (dd/mm/yyyy)
2. Thailand — Country
3. Dr. Yukol Limlamthong — Name of sender
4. Department of Livestock Development — Address (line 1)
5. Director-General — Position of sender; Phya Thai Road, Bangkok 10400 — Address (line 2)
6. 662 653 4401 — Telephone
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9. **Reason for immediate notification (tick one)**

a. First occurrence of a listed disease or infection in a country or zone/compartment	
b. Re-occurrence of a listed disease or infection in a country, zone/compartment following a report declaring the outbreak(s) ended	
c. First occurrence of a new strain of a pathogen associated with a listed disease in a country or zone/compartment	
d. A sudden and unexpected increase in the distribution, incidence, morbidity or mortality of a listed disease prevalent within a country or zone/compartment	
e. An emerging disease with significant morbidity or mortality, or zoonotic potential	
f. Evidence of a change in the epidemiology of a listed disease (including host range, pathogenicity, strain, etc.) in particular if there is a zoonotic impact	

10. Highly Pathogenic Avian Influenza — Disease name, name of pathogen or, for an unknown emerging disease, name of event
11. A 150 — OIE disease code if any

12. Precise identification of agent (strain, serotype, etc.) where applicable

13. 23/01/2004 — Date (dd/mm/yyyy) of first confirmation of the event
14. 05/07/2005 — Date (dd/mm/yyyy) of start of the event
15. Clinical disease Yes [/] No [ ]

16. Nature of diagnosis: Suspicion [/] Clinical [/] Post-mortem [/] Laboratory [/]

17. **If the reason for notification is 9d.**

First administrative division	Species	Change						
		in disease distribution	in disease incidence		in morbidity		in mortality	
			Previous rate	New rate	Previous rate (%)	New rate (%)	Previous rate (%)	New rate (%)

18. **If the reason for notification is 9e. =>** Morbidity rate (%) [ ] Mortality rate (%) [ ] Zoonotic potential (describe) [ ]

19. **If the reason for notification is 9f.**

New host	[ ]	=> Species	
New agent	[ ]	=> Agent	
Increase in pathogenicity	[ ]		
Zoonotic impact	[ ]	=> Describe	

20. **Details of outbreak(s) by first administrative division (not required if reason for notification is 9d.)**

First administrative division	Lower administrative divisions	Type of epidemiological unit (f: farm; v: village)	Name of the location (village, etc.)	Latitude	Longitude	Date of start of the outbreak	Species	Number of animals in the outbreak(s)				
								susceptible	cases	deaths	destroyed	slaughtered
Nonthaburi Province	KlongKoi,PakKret	Village	Village No.8			20/10/2005	avi	400	120	120	280	...
Nakhonpathom Province	TapLuang,Muang	Village	Village No.7			21/10/2005	avi	23250	2500	2500	20750	...
Nonthaburi Province	PiMolRat,BangBuaThong	Village	Village No.3			23/10/2005	avi	42	40	40	2	...
Kanchanaburi Province	PraTan,TahMaKa	Village	Village No.4			24/10/2005	avi	48	3	3	45	...
Kanchanaburi Province	DonJehDee,PhaNomTuan	Village	Village No.5			24/10/2005	avi	49	2	2	47	...

21. **Description of affected population(s)**

- The cases in Nakornpathom was a quail farm for egg production.
- Other cases were native chicken.

22. **Laboratory(-ies) where diagnosis was made**	23. **Species examined**	24. **Diagnostic tests used**	**Date**	**Results**
National Institute of Animal Health and Regional Veterinary Research and Development Centres, Department of Livestock Development.	Avi	AGP, HA, Pathogen isolation by egg inoculation & ICPI		Positive

25.

Source of outbreak(s) or origin of infection (tick as appropriate)	
Unknown or inconclusive	/
Introduction of new animals/animal products	
Legal movement of animals	
Illegal movement of animals	
Animals in transit	
Contact with infected animal(s) at grazing/watering	
Swill feeding	
Fomites (humans, vehicles, feed, etc.)	
Airborne spread	
Vectors	
Contact with wild animals	
Other:	

26.

Control measures (tick as appropriate)	Under-taken	To be under-taken
Control of arthropods		
Control of wildlife reservoirs		
Stamping out	/	
Partial stamping out		
Quarantine	/	
Movement control inside the country	/	
Screening	/	
Zoning	/	
Vaccination (give details below in section 27)		
Disinfection of infected premises/establishment(s)	/	
Dipping/spraying		

27. **Vaccination in response to the outbreak(s)**

First administrative division	Species	Total number of vaccinated animals	Details of the vaccine (live/inactivated; mono- or polyvalent, etc.)

28. **Treatment of affected animals** Yes [ ] No [/]

If "yes", describe nature of treatment

29. **Vaccination prohibited** Yes [/] No [ ]

30. **Other details/comments**

1. Thailand has been conducting the current nationwide surveillance since 1 July 2005.
2. There was one more province i.e. Nonthaburi affected during this week.
3. In total , there were 64 positive cases confirmed in 8 provinces.
4. The affected provinces were Suphanburi (20 cases), Chainat (1 cases), Kampaengphet (25 cases),Saraburi (5 cases), Ayudhaya (1 case), Nakhonpathom (4 cases), Kanchanaburi (6 cases) and Nonthaburi (2 cases).
5. The affected population were 47 native chicken cases, 6 quail cases, 4 fighting cock cases, 4 broiler chicken cases, 1 layer chicken case and 2 layer duck cases. All cases were poultry raising in free ranging or in farms with traditional practice that poor sanitation and insufficient biosecurity were applied.
6. These 8 affected provinces are still in the Central Poultry Zoning of Thailand; where her all 76 provinces have been grouped into 5 poultry zones i.e. the Northern (9 provinces), Northeastern (19 provinces), Eastern (8 provinces), Central (25 provinces) and the Southern (15 provinces), for effective movement control and farming management.

31. **Final report** Yes [ ] No [/] If "yes" => Event ended Yes [ ] No [ ]

If "no" => Continuing notification using the six-monthly report Yes [/]