

Follow-up report No.: 3

Report reference: , OIE Ref: 9399, Report Date: 21/06/2010, Country: Myanmar

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H5N1
Clinical Signs	Yes	Reason	Reoccurrence of a listed disease
Date of first confirmation of the event	03/02/2010	Date of Start of Event	02/02/2010
Date of report	21/06/2010	Date Submitted To OIE	21/06/2010
Diagnosis	Laboratory (basic), Laboratory (advanced)	Date Of Last Occurrence	28/12/2007
Number Of Reported Outbreaks	Submitted= 3, Draft= 0	Name of Sender of the report	Prof. Dr Myint Thein
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Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
YANGON	Yangon (west)	Mayangone	Farm	Ward No. 5	17,0184	96,0556	02/02/2010	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2455	100	100	2355	0		
Affected Population	50-week-old layer chickens							

Outbreak (other report - submitted) (8930)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
YANGON	Yangon (North)	Mingalardon	Farm	Mingalardon	17,0184	96,1024	19/02/2010	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	126	2	2	124	0		
Affected Population	Backyard poultry: village chicken and 5 ducks.							

Outbreak (other report - submitted) (8930)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
SAGAING	Monywa	Yinmarbin	Farm	Thayetkan Village	23,2384	95,0735	01/03/2010	

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	2900	305	305	2595	0

Affected Population Laying hens of different ages belonging to three owners.

Outbreak summary: Total outbreaks = 3 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	5481	407	407	5074	0

Epidemiology

Epidemiological comments

Poultry within the infected premises were immediately depopulated. A total of 13,494 chickens were destroyed within 1-km radius from the infected premises.

Movement of poultry and poultry products within infected townships was restricted. A total of 88 premises in Mayangone Township, 52 premises in Mingalardon Township and 5 premises in Yinmarbin Township were put under quarantine throughout the period.

Active surveillance using clinical case definition was carried out in every household within infected townships. Samples were collected within restricted and control zones. One hundred and fifty-one cloacal swab samples, one hundred and fifty-one cloacal swabs and 83 cloacal swab samples were collected from Mayangone, Mingalardon and Yinmarbin townships, respectively, as part of the active surveillance in infected areas.

The active clinical surveillance has been conducted nationwide starting from March 2010. A total poultry population of 7,764 farms under surveillance were examined and found clinically healthy. No evidence of HPAI disease was observed.

Targeted surveillance was carried out during 3 months in Myanmar. The risk areas were defined as areas with history of AI outbreaks, wet land, high density of poultry population kept in sector 3 and 4, and certain risk species. During the targeted surveillance, a total of 15,665 cloacal swab samples were collected. All collected samples were tested negative for HPAI virus. Laboratory tests were performed at Yangon and Mandalay Diagnostic Laboratories of the Livestock Breeding and Veterinary Department using virus isolation and RT-PCR.

Thorough disinfection was implemented within infected zone, infected premises and also in areas with higher risk.

Avian influenza vaccination in poultry is prohibited in Myanmar.

Source of the outbreak(s) or origin of infection • Unknown or inconclusive

Control Measures

No Control Measures	Animals treated	No
Vaccination Prohibited	Yes	

Country / Zone

Country or zone a zone or compartment

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
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Future Reporting

What further reports will be submitted in relation to this event?

There are 3 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

The event is continuing. Weekly follow-up reports will be submitted.

Outbreak maps

