

Follow-up report No.: 4

Report reference: OIE Ref 6319, OIE Ref: 6985, Report Date: 20/04/2008, 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	19/10/2007	Date of Start of Event	19/10/2007
Date of report	20/04/2008	Date Submitted To OIE	20/04/2008
Diagnosis	Suspicion, Clinical, Laboratory (basic), Laboratory (advanced), Necropsy	Date Of Last Occurrence	28/07/2007
Number Of Reported Outbreaks	Submitted= 3, Draft= 0	Name of Sender of the report	Mr U Maung Maung Nyunt
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Outbreak (other report - submitted) (OIE ref 6519)

Bago	Unit Type	Location	Latitude	Longitude	Start	End
Bago	Farm	Oatsu Quarter	17,9069	96,5233	19/10/2007	09/11/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	33859	400	400	33459	0
Affected Population 32070 quails, 3118 quail eggs, 1242 layer chickens, 147 ducklings, 30500 hatching duck eggs and 52 kg of feed were all destroyed.						

Outbreak (other report - submitted) (OIE Ref 6377)

SHAN STATE	Kyaing Tong (Shan East)	Katpha	Unit Type	Location	Latitude	Longitude	Start	End
SHAN STATE	Kyaing Tong (Shan East)	Katpha	Village	Naung Ngaing	21,1339	99,797	04/11/2007	23/12/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2591	2058	2058	533	0		
Affected Population backyard poultry								

Outbreak (other report - submitted) (OIE Ref 6319)

SHAN STATE	Mong Phyat	Mong Phyat township	Unit Type	Location	Latitude	Longitude	Start	End
SHAN STATE	Mong Phyat	Mong Phyat township	Village	Yankham village	20,8533	99,9373	23/12/2007	18/01/2008
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1056	13	13	1043	0		
Affected Population		backyard poultry (1017 chickens, 20 ducks, 6 geese).						

Outbreak summary: Total outbreaks = 3 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	37506	2471	2471	35035	0

Epidemiology

Epidemiological comments	
Surveillance activities	
(a) Virological and serological surveillance	
<p>Virological and serological surveillances were conducted during the last three months (starting from January 2008) in the whole country. The survey was set up with 95% confidence level at 10 % prevalence. Surveillance was carried out within the 7-km-radius area around the outbreak. 5 % of chicken and duck farms of other States and Divisions were randomly chosen on the basis of high risk area such as high density poultry population, wet land, wet market and border routes. A total of 6,961 serum samples from chickens and ducks were collected and tested by HA/HI test for antibodies against HPAI. Antibodies against HPAI were not detected from those samples. In addition, a total of 1,585 cloacal and tracheal swabs were collected. In all cloacal swabs, no detection of HPAI virus was observed by egg inoculation and RT-PCR method and all sera were free from antibody against HPAI virus.</p>	
(b) Active clinical surveillance	
<p>The active clinical surveillance has been conducted nationwide starting in January 2008. A total poultry populations of 10,000 farms under surveillance covered backyard poultry, broilers, layers, breeder chickens, ducks, and poultry in wet markets and birds in wild life sanctuaries were examined and found clinically healthy. No evidence of clinical HPAI infection was observed.</p>	
Conclusion	
<p>Three months have therefore elapsed without any evidence of HPAI H5N1 virus being detected since the last outbreak was closed in January 2008. In accordance with Article 2.7.12.4 of the OIE Terrestrial Animal Health Code, the above areas are no longer considered HPAI infected zone. Based on surveillance, Myanmar declares itself free from HPAI.</p>	
Source of the outbreak(s) or origin of infection	• Unknown or inconclusive

Control Measures

Applied	<ul style="list-style-type: none"> • Stamping out • Quarantine • Movement control inside the country • Disinfection of infected premises/establishment(s) • Dipping / Spraying 	To be applied	<ul style="list-style-type: none"> • Control of wildlife reservoirs • Zoning
	Vaccination Prohibited	Yes	
Animals treated	No		

Country / Zone

Country or zone	a zone or compartment
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Diagnostic test results

Laboratory Type	Name of Labor
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Date Results Provided	Result
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Future Reporting

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

Outbreak map

