

Follow-up report No.: 4

Report reference: , OIE Ref: 10399, Report Date: 23/03/2011, 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	16/01/2011	Date of Start of Event	06/01/2011
Date of report	23/03/2011	Date Submitted To OIE	23/03/2011
Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced)	Date Of Last Occurrence	26/03/2010
Number Of Reported Outbreaks	Submitted= 10, Draft= 0	Name of Sender of the report	Prof. Dr Myint Thein
Address	Station Road, Insein	Position	Director General
	YANGOON 11011	Fax	95 1 642927
		Entered by	Prof. Dr Myint Thein
Telephone	95 1 642453		
Email	dg-lbvd@mail4u.com.mm		

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
RAKHINE STATE	Sittwe	Sittwe	Farm	Bumay-Letthamar village	20,1448	92,8784	06/01/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	800	500	500	300	0		
Affected Population	Layers							

Outbreak (other report - submitted) (10166)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
RAKHINE STATE	Sittwe	Sittwe	Farm	Thae chaung Letthamar village	20,1585	92,8429	18/01/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	6198	6198	0	6198	0		
Affected Population	6,070 layer chickens at a farm and 128 poultry at a market within 1-km radius from infected premises.							

Outbreak (other report - submitted) (10166)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
RAKHINE STATE	Sittwe	Sittwe	Farm	Bumay ward 12 /15	20,1471	92,8698	19/01/2011	

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	4005	3980	0	4005	0
Affected Population 3,660 layer chickens and 320 ducks. 25 poultry at a market. These farms are within 1-km radius from infected premises.						

Outbreak (other report - submitted) (10166)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
RAKHINE STATE	Sittwe	Sittwe	Farm	Bumay ward 15/16	20,1471	92,8698	20/01/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	10571	10530	0	10571	0		
Affected Population 10,450 layer chickens, 80 ducks and 41 poultry at a market. These farms are within 1-km radius from infected premises.								

Outbreak (other report - submitted) (10166)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
RAKHINE STATE	Sittwe	Sittwe	Farm	Bumay ward 16	20,1471	92,8698	21/01/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	11872	11570	0	11872	0		
Affected Population 11, 450 layers, 120 ducks and 302 poultry at a market. These farms are within 1-km radius from infected premises.								

Outbreak (other report - submitted) (10166)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
RAKHINE STATE	Sittwe	Sittwe	Farm	Magyimyaying	20,1425	92,874	22/01/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	9750	9750	0	9750	0		
Affected Population 9,550 layers and 200 ducks. These farms are within 1-km radius from infected premises.								

Outbreak (other report - submitted) (10166)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
RAKHINE STATE	Sittwe	Sittwe	Farm	Mingan village	20,148	92,8667	23/01/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	11100	11100	0	11100	0		
Affected Population All are layer chickens. These farms are within 1-km radius from infected premises.								

Outbreak (other report - submitted) (10166)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
SAGAING	Shwebo	Tantse	Farm	Bomya Quarter	22,9444	95,4089	26/01/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	990	459	459	531	0		

Affected Population	Layer chickens in two farms
---------------------	-----------------------------

Outbreak (other report - submitted) (10166)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
SAGAING	Shwebo	Tabayin	Farm	Myoma Quarter	22,6899	95,33409	20/02/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	6700	1800	626	6074	0		
Affected Population Layer chickens. They were 6 months and 11 months old. Totally, 626 chickens died within 5 days out of 1,800 cases.								

Outbreak (this report - submitted) (10166)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
SAGAING	Shwebo	Ye U township	Farm	Fame Kar village	22,76914	95,43049	16/03/2011	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	780	350	350	430	0		
Affected Population Layer chickens. They were 4 months and 19 months old. There were two layer units and a total of 780 chickens and a few chickens were found dead starting from 16 March. Totally, 350 chickens died within 4 days.								

Outbreak summary: Total outbreaks = 10 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	62766	56237	1935	60831	0

Epidemiology

Epidemiological comments	Livestock Breeding and Veterinary Department applied the following measures to effectively contain the event:	Source of the outbreak(s) or origin of infection	• Unknown or inconclusive
	<ul style="list-style-type: none"> - Culling the poultry within 1-km radius of infected flock - Cleaning and disinfecting the infected premises - Restriction of movement - Ban on the sale of poultry and poultry products in infected and restricted area - Conducting public awareness programme in collaboration with other organisations - Continue active searching for additional cases in the surrounding areas. 		

Control Measures

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

Country / Zone

Country or zone	a zone or compartment
-----------------	-----------------------

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Yangon Veterinary Diagnostic Laboratory	Birds	polymerase chain reaction (PCR)	21/03/2011	Positive
National laboratory	Yangon Veterinary Diagnostic Laboratory	Birds	rapid tests	21/03/2011	Positive

Future Reporting

What further reports will be submitted in relation to this event?
There are 10 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

