

## Follow-up report No.: 5

Report reference: , OIE Ref: 5487, Report Date: 28/05/2007, Country: Myanmar

### Report Summary

<b>Disease</b>	Highly pathogenic avian influenza	<b>Animal type</b>	Terrestrial
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Serotype(s)</b>	H5
<b>Clinical Signs</b>	Yes	<b>Reason</b>	Reoccurrence of a listed disease
<b>Date of confirmation of Event</b>	28/02/2007	<b>Date of Start of Event</b>	26/02/2007
<b>Date of report</b>	28/05/2007	<b>Diagnosis</b>	Suspicion, Clinical, Laboratory (advanced), Necropsy
<b>Date of last occurrence</b>	24/04/2006	<b>Number of reported outbreaks</b>	Submitted= 9, Draft= 0
<b>Name of Sender of the report</b>	Mr U Maung Maung Nyunt	<b>Address</b>	Insein Road P.O. Box 11011 RANGOON
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<b>Entered by</b>	Mme Margarita Alonso		

### Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
YANGON	Yangon ( North)	Mingaladon/Insein	Farm	border area with Mingaladon/ Insein	17,0651	96,1492	22/05/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	866	15	15	851	0		
<b>Affected Population</b>		layer poultry						

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
YANGON	Yangon ( North)	Hmawbi	Farm	Nyaungnnapin	17,0651	96,1024	29/03/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	14292	...	0	14292	0		
<b>Affected Population</b>		In-contact ducks and layer chickens						

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
YANGON	Yangon ( North)	Htaunkyant	Farm	North Quarter	17,0651	96,2427	28/03/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	7602	929	929	6663	0		

**Affected Population** Affected birds are broiler chickens and in-contact birds are layer chickens

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
YANGON	Yangon ( North)	Hmawbi	Farm	Nyaungnabin	16,8781	96,383	20/03/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	22337	1645	1645	20692	0		
<b>Affected Population</b>		layer chickens						

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
YANGON	Yangon ( North )	Hlaingthayar	Farm	2 Shweyinaye street	17,0651	96,1024	10/03/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1100	500	500	600	0		
<b>Affected Population</b>		layer chickens						

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
YANGON	Yangon ( North)	North Okkalar	Farm	Police station farm	16,9248	96,1959	12/03/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	162	66	66	96	0		
<b>Affected Population</b>		guinea fowls. In-contact birds are chicken and ducks.						

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
YANGON	Yangon ( North)	Mingaladon	Farm	Air force maintenance compound	16,8781	96,2427	12/03/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2300	60	60	2240	0		
<b>Affected Population</b>		quails						

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
YANGON	Yangon ( North)	Hlaingthayar	Farm	Kyon Su	17,1119	96,0556	27/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	167	11	11	156	0		
<b>Affected Population</b>		layer chickens						

## Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
YANGON	Yangon (West )	Mayangone	Farm	9 ward	16,9716	96,1024	26/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1360	68	68	1292	...		
<b>Affected Population</b>		layer chickens, ducks and pullets						

## Outbreak summary: Total outbreaks = 9 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	50186	3294	3294	46882	0

## Epidemiology

### Epidemiological comments

During post-outbreak surveillance in Yangon province, HPAI virus subtype H5 and Newcastle disease virus were identified in a cloacal swab. For risk prevention, all animals in the farm were destroyed. Combo rapid test (cloacal swab) was positive for avian influenza type A and for Newcastle disease. Rapid test (tissue sample) and PCR test were positive for subtype H5 and Newcastle disease.

**Source of Infection** • Unknown or inconclusive

## Control Measures

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

## Country / Zone

**Country or zone** the whole country

## Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Veterinary Diagnostic Laboratory ( Yangon)	Birds	rapid tests	24/05/2007	Positive
National laboratory	Veterinary Diagnostic Laboratory ( Yangon)	Birds	polymerase chain reaction (PCR)	25/05/2007	Positive
National laboratory	Veterinary Diagnostic Laboratory ( Yangon)	Birds	rapid tests	23/05/2007	Positive

## Future Reporting

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

There are 9 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

### Outbreak map

