

## Immediate notification report

Report reference: SAN:16-03146 REF OIE 22630, Report Date: 07/02/2017, Country : Myanmar

### Report Summary

<b>Name of sender of the report</b>	Dr Ye Tun Win	<b>Telephone</b>	095 -67-408056
<b>Position</b>	Director General	<b>Fax</b>	095 -67-408342
<b>Address</b>	LBVD, Ministry of Agriculture, Livestock and Irrigation, Office No. (36), Naypyidaw, Myanmar Naypyidaw 15011	<b>Email</b>	lbvd@mptmail.net.mm
		<b>Date submitted to OIE</b>	07/02/2017

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	07/02/2017
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	15/03/2016
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of confirmation of the event</b>	14/12/2016
<b>Serotype(s)</b>	H5N6	<b>Diagnosis</b>	Laboratory (basic), Laboratory (advanced)
<b>Reason</b>	New strain of a listed disease	<b>Clinical signs</b>	No
<b>Country or zone</b>	a zone or compartment		
<b>Number of reported outbreaks</b>	submitted= 1, Draft= 0		

### Outbreak details

Province	Number of outbreaks	District	Township	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Shan State- (this report - submitted)	-	Kyaingtong	Monglar	Livestock market	Monglar	21.672895	100.018669	15/03/2016	06/04/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	300	5	...	0	300			
Affected Population	Layer chicken from collecting points								

### Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	300	5		0	300

### Epidemiology

#### Epidemiological comments

Risk-based surveillance of H7N9 in targeted border Townships and live bird market in Yangon and Mandalay has been conducted since 2013 by cooperation between the Livestock Breeding and Veterinary Department and FAO. Until now, the 5th round of the risk based surveillance of H7N9 has been conducted and 16545 chickens and ducks oropharyngeal swabs, 7765 environmental swabs and 705 duck sera were collected from poultry collecting points, poultry processing sites, formal city markets and live bird markets.

Those samples were tested in Mandalay and Yangon Diagnostic Laboratory and then confirmed and sequenced by the Australian Animal Health Laboratory, Geelong.

From this 5th round of active surveillance, clade 2.3.4.4 H5N6 HPAI virus, which shares 99% similarity with A/chicken/Hubei/XG18/2015(H5N6) and 98% similarity with A/duck/Guangdong/GD01/2014(H5N6), was detected in the samples collected from chicken and environmental swabs in Monglar, which has a common border with China.

H5N6 positive samples were taken from apparently healthy chickens imported from China, as well as from the environment. H5N6 positive samples were more concentrated geographically and temporally, and were found specifically in live bird markets, in ducks and chickens imported from China (unknown breeds).

#### Source of the outbreak(s) or origin of infection

- Introduction of new live animals

### Measures applied

Applied	To be applied
<ul style="list-style-type: none"> <li>• movement control inside the country</li> <li>• disinfection / disinfestation</li> <li>• dipping / spraying for control of vectors or parasites</li> <li>• stamping out</li> <li>• surveillance within containment and/or protection zone</li> <li>• zoning</li> </ul>	<ul style="list-style-type: none"> <li>• no planned control measures</li> </ul>
<b>Animals treated</b>	<b>Vaccination Prohibited</b>
No	Yes

### Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
-----------------	--------------------	---------	-----------	-----------------------	--------

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
OIE Reference Laboratory	Australian Animal Health Laboratory, Geelong	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	14/12/2016	Positive

### Future Reporting

The report and all its outbreaks have been resolved.

## Outbreak maps

