

Follow-up report No.1

Report reference: Duck(2017-hl-2), Reference OIE : 22926, Report Date : 01/03/2017, Country : Chinese Taipei

Report Summary

Name of sender of the report	Dr Tai-Hwa Shih	Telephone	+886 2 23431464
Position	Chief Veterinary Officer, Deputy Director General	Fax	+886 2 23017055
Address	9F, No. 100, Sec 2, Heping W. Road Taipei 10070, Taiwan (R.O.C) Taipei	Email	delegate@mail.baphiq.gov.tw
		Date submitted to OIE	01/03/2017

Animal type	Terrestrial	Date of report	01/03/2017
Disease	Highly pathogenic avian influenza	Date of start of the event	02/02/2017
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	05/02/2017
Serotype(s)	H5N6	Diagnosis	Laboratory (advanced)
Reason	New strain of a listed disease in the country	Clinical signs	Yes
Country or zone	the whole country		
Number of reported outbreaks	submitted= 10, Draft= 0		

Outbreak details

Prefecture/City	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HUALIEN COUNTY-other report - submitted	-			Farm	Yuli Township	23.419856	121.34747	02/02/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	3787	...	0	3787	0			
Affected Population	Duck(2017-hl-2), H5N2 HPAI virus was also detected.								

Prefecture/City	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HUALIEN COUNTY-other report - submitted	-			Not applicable	Yuli Township	23.4045006	121.3416227	02/02/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	...	1	1	0	0			
Affected Population	Duck (2017-hl-1)								

Prefecture/City	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
TAINAN CITY- (this report - submitted)	-			Farm	Liujia District	23.2102	120.275	09/02/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	3900	...	3900	0	0			
Affected Population	Turkeys (2017-tn-1), H5N2 HPAI virus was also detected.								

Prefecture/City	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
YUNLIN COUNTY- (this report - submitted)	-			Farm	Kouhu Township	23.5744	120.18	13/02/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	234	...	0	234	0			
Affected Population	Native chickens (2017-yl-15)								

Prefecture/City	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CHIAYI COUNTY- (this report - submitted)	-			Farm	Puzi City	23.4383	120.239	13/02/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			

Prefecture/City	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	1000	173	173	827	0			
Affected Population	Chickens (2017-cy-1)								

Prefecture/City	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CHIAYI COUNTY- (this report - submitted)	-			Not applicable	Puzi City	23.4231	120.266	14/02/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	40	...	0	40	0			
Affected Population	Chickens (2017-cy-2)								

Prefecture/City	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CHIAYI COUNTY- (this report - submitted)	-			Not applicable	Puzi City	23.4189	120.266	14/02/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	18	...	0	18	0			
Affected Population	Chickens (2017-cy-3)								

Prefecture/City	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
YUNLIN COUNTY- (this report - submitted)	-			Farm	Kouhu Township	23.5548	120.199	15/02/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	3540	...	0	3540	0			
Affected Population	Native chickens (2017-yl-16)								

Prefecture/City	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CHIAYI COUNTY- (this report - submitted)	-			Farm	Dongshi Township	23.5026	120.195	15/02/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	610	...	0	610	0			
Affected Population	Geese, chickens and ducks (2017-cy-4)								

Prefecture/City	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
YILAN COUNTY- (this report - submitted)	-			Slaughterhouse	Yuanshan Township	24.7308	121.704	16/02/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	3068	...	0	3068	0			
Affected Population	Ducks (2017-yi-2)								

Outbreak summary: Total outbreaks = 10 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	16197	174	4074	12124	0

Epidemiology

Epidemiological comments

1. Abnormal mortality was observed in 8 poultry farms in Yunlin County, Tainan City, Yilan County, and Chiayi County. Samples were sent to the National Laboratory, Animal Health Research Institute (AHRI) for analysis. Highly pathogenic avian influenza H5N6 subtype was confirmed by the AHRI. The farms have been placed under movement restriction. All animals on the infected farms have been culled. Thorough cleaning and disinfection have been conducted after stamping out operation.
2. In order to prevent the H5N6 HPAI virus from spreading, intensified surveillance measures have been conducted by veterinary authority. All the duck farms within 5-kilometer radius of the infected farm shall be subjected to movement restriction and avian influenza test. The restriction could be released if the result is negative. In addition, all the poultry farms within 1-kilometer radius of the infected farm shall be subjected to movement restriction and avian influenza test for once a month for 3 months. The restriction could be released if the result of first test is negative. Despite of the abovementioned measures, all poultry farms within a 3-kilometer radius of the infected farms are under monitoring for three months.

Source of the outbreak(s) or origin of infection

Follow-up report No.: 1, Report reference: Duck(2017-hl-2), OIE Ref: 22926, Report Date: 01/03/2017, Country: Chinese Taipei

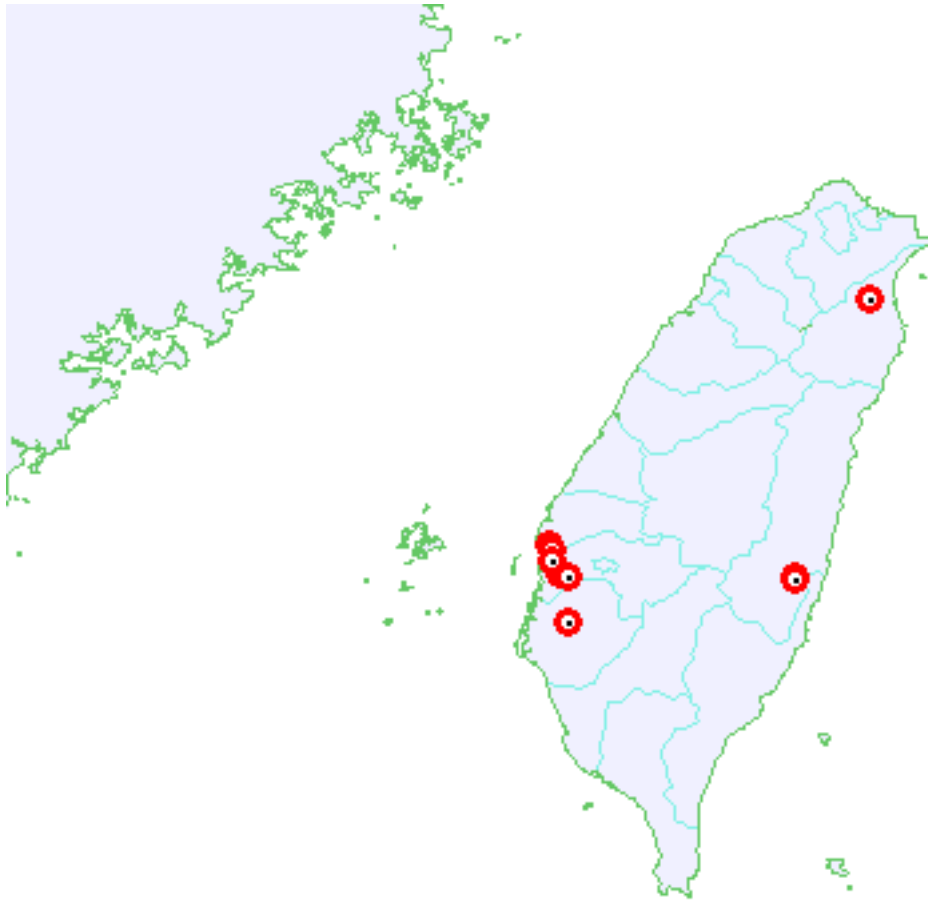
Epidemiological comments
1.Abnormal mortality was observed in 8 poultry farms in Yunlin County, Tainan City, Yilan County, and Chiayi County. Samples were sent to the National Laboratory, Animal Health Research Institute (AHRI) for analysis. Highly pathogenic avian influenza H5N6 subtype was confirmed by the AHRI. The farms have been placed under movement restriction. All animals on the infected farms have been culled. Thorough cleaning and disinfection have been conducted after stamping out operation.
2.In order to prevent the H5N6 HPAI virus from spreading, intensified surveillance measures have been conducted by veterinary authority. All the duck farms within 5-kilometer radius of the infected farm shall be subjected to movement restriction and avian influenza test. The restriction could be released if the result is negative. In addition, all the poultry farms within 1-kilometer radius of the infected farm shall be subjected to movement restriction and avian influenza test for once a month for 3 months. The restriction could be released if the result of first test is negative. Despite of the abovementioned measures, all poultry farms within a 3-kilometer radius of the infected farms are under monitoring for three months.
Source of the outbreak(s) or origin of infection
• Unknown or inconclusive




Measures applied	
Applied	To be applied
<ul style="list-style-type: none"> • movement control inside the country • screening • disinfection / disinfestation • quarantine • stamping out • zoning 	<ul style="list-style-type: none"> • no planned control measures
Animals treated	Vaccination Prohibited
No	Yes

Diagnostic test results					
Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	Animal Health Research Institute	Birds	gene sequencing	18/02/2017	Positive
National laboratory	Animal Health Research Institute	Birds	gene sequencing	17/02/2017	Positive
National laboratory	Animal Health Research Institute	Birds	gene sequencing	16/02/2017	Positive
National laboratory	Animal Health Research Institute	Birds	gene sequencing	12/02/2017	Positive
National laboratory	Animal Health Research Institute	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	17/02/2017	Positive
National laboratory	Animal Health Research Institute	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	16/02/2017	Positive
National laboratory	Animal Health Research Institute	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	15/02/2017	Positive
National laboratory	Animal Health Research Institute	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	11/02/2017	Positive

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

Outbreak maps



-  Continuing (domestic)
-  International Boundaries
-  Administrative Boundaries