

Follow-up report No.2

Report reference: Duck(2017-hl-2), Reference OIE : 23073, Report Date : 07/03/2017, Country : Chinese Taipei

Report Summary

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		Date submitted to OIE	07/03/2017

Animal type	Terrestrial	Date of report	07/03/2017
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	a zone or compartment		
Number of reported outbreaks	submitted= 13, 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-other 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-other 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-other report - submitted	-			Farm	Puzi City	23.4383	120.239	13/02/2017	

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-other 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-other 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:
TAINAN CITY- (this report - submitted)	-			Farm	Shanhua District	23.11669	120.3297	14/02/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	7885	...	0	7885	0			
Affected Population	Breeding chicken (2017-tn-4)								

Prefecture/City	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CHIAYI COUNTY-other 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:
YUNLIN COUNTY-other 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:
YILAN COUNTY-other 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)								

Prefecture/City	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HUALIEN COUNTY- (this report - submitted)	-			Farm	Fenglin Township	23.7075	121.4783333	18/02/2017	

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	5960	...	0	5960	0			
Affected Population	Ducks (2017-hl-2)								

Prefecture/City	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HUALIEN COUNTY- (this report - submitted)	-			Farm	Fenglin Township	23.69861111	121.4633333	18/02/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	5155	...	0	5155	0			
Affected Population	Ducks (2017-hl-3)								

Outbreak summary: Total outbreaks = 13 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	35197	174	4074	31124	0

Epidemiology

Epidemiological comments

Samples from two poultry farms in Hualien County were sent to the National Laboratory, Animal Health Research Institute (AHRI) for analysis in response to the testing requirement before being put on the market. 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.

Abnormal signs were observed in one poultry farm in Tainan City. Samples were sent to 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.

In order to prevent the H5N6 HPAI virus from spreading, intensified surveillance measures have been conducted by the veterinary authority. All the duck farms within 5-kilometer radius of the infected farms are subjected to movement restriction and avian influenza test. The restriction will be lifted if the test result is negative. In addition, all the poultry farms within 1-kilometer radius of the infected farms are subjected to movement restriction and avian influenza test once every month for 3 months. The restriction will be lifted if the result of the first round testing is negative. In addition to 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	reverse transcription - polymerase chain reaction (RT-PCR)	17/02/2017	Positive
National laboratory	Animal Health Research Institute	Birds	gene sequencing	24/02/2017	Positive
National laboratory	Animal Health Research Institute	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	23/02/2017	Positive

Future Reporting

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

Outbreak maps

