

Follow-up report No.5

Report reference: , Reference OIE : 22872, Report Date : 16/02/2017, Country : Italy

Report Summary

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		Date submitted to OIE	16/02/2017

Animal type	Terrestrial	Date of report	16/02/2017
Disease	Highly pathogenic avian influenza	Date of start of the event	20/01/2017
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	21/01/2017
Serotype(s)	H5N8	Date of last occurrence	17/01/2015
Reason	Reoccurrence of a listed disease	Diagnosis	Clinical, Laboratory (advanced)
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 5, Draft= 0		

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
VENETO-other report - submitted	-	VENEZIA		Farm	Mira	45.380407	12.166908	20/01/2017	26/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	20500	6000	600	19900	0			
Affected Population	The positivity regards a commercial farm of fattening turkeys. Culling of 19900 turkeys has been completed on 26 January 2017 and all 20500 turkeys have been safely disposed of.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
VENETO-other report - submitted	-	PADOVA		Farm	Piove di Sacco	45.30428	12.112575	23/01/2017	29/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	22630	254	254	22376	0			
Affected Population	The positivity regards a farm of fattening turkeys. Culling of 22376 turkey has been completed on 29 January 2017 and all 22630 turkeys have been safely disposed of.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
VENETO-other report - submitted	-	ROVIGO		Farm	Porto Viro	44.964074	12.282057	25/01/2017	04/02/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	37000	280	280	36720	0			
Affected Population	The positivity regards a layer hens farming. Culling of 36720 layer hens has been completed on 04 February 2017 and all 37000 layer hens have been safely disposed of.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
EMILIA-ROMAGNA-other report - submitted	-	PARMA		Farm	Sorbolo	44.88879	10.453311	01/02/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	22800	4000	400	...	0			
Affected Population	The positivity regards a farm of fattening turkeys.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOMBARDIA- (this report - submitted)	-	MANTOVA		Farm	Monzambano	45.378272	10.673785	14/02/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	14327	14327	100	...	0			
Affected Population	The positivity regards a farm of fattening turkeys.								

Outbreak summary: Total outbreaks = 5 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	117257	24861	1634	78996	0

Epidemiology

Epidemiological comments

The National Reference Laboratory has sequenced HPAI subtype H5N8. A protection zone of 3 km and a surveillance zone of 10 km have been established.

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 • traceability • surveillance within containment and/or protection zone • zoning 	<ul style="list-style-type: none"> • disinfection / disinfestation • stamping out • official disposal of carcasses, by-products and waste
Animals treated	Vaccination Prohibited
No	Yes

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	Experimental Zooprophyllactic Institute (IZSVe), Padova	Birds	real-time PCR	15/02/2017	Positive

Future Reporting

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

Outbreak maps

