

Follow-up report No.5 (Final report)

Report reference: , Reference OIE : 14110, Report Date : 18/09/2013, Country : Italy

Report Summary

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Animal type	Terrestrial	Date of report	18/09/2013
Disease	Highly pathogenic avian influenza	Date of start of the event	10/08/2013
Causal Agent	Highly pathogenic avian influenza virus	Date of pre-confirmation of the event	14/08/2013
Serotype(s)	H7N7	Diagnosis	Clinical, Laboratory (basic)
Reason	New strain of a listed disease	Clinical signs	Yes
Country or zone	a zone or compartment		
Number of reported outbreaks	submitted= 6, Draft= 0		

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
EMILIA-ROMAGNA-oth er report - submitted	-	FERRARA		Farm	Ostellato	44.714462	11.926653	10/08/2013	27/08/2013
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	128000	105000	4000	124000	0			
Affected Population	Commercial layer hens with clinical signs - PCR positive for H7								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
EMILIA-ROMAGNA-oth er report - submitted	-	Bologna		Farm	Mordano	44.391003	11.793029	20/08/2013	08/09/2013
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	584900	1	0	584900	0			
Affected Population	On the basis of the monitoring activities implemented after the detection of the primary outbreak in Ostellato, Ferrara province, notified on last 15 August, a secondary outbreak has been confirmed in Mordano, Bologna province, affecting a commercial farm of layer hens belonging to the same company.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
EMILIA-ROMAGNA-oth er report - submitted	-	FERRARA		Farm	Portomaggiore	44.694341	11.888689	21/08/2013	27/08/2013
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	19850	19850	1300	18550	0			
Affected Population	On the basis of the monitoring activities implemented after the detection of the primary outbreak in Ostellato, Ferrara province, notified on last 15 August, a secondary outbreak in the surveillance zone, located at 3,5 km from the primary outbreak, has been confirmed in Portomaggiore, Ferrara province, affecting a commercial turkey farm.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
EMILIA-ROMAGNA-oth er report - submitted	-	BOLOGNA		Farm	Mordano	44.4209	11.799384	27/08/2013	08/09/2013
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	121705	27000	364	121341	0			
Affected Population	The positivity regards a commercial layer hens farm located in the protection zone established around the 2nd outbreak in Mordano Municipality.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
EMILIA-ROMAGNA-oth er report - submitted	-	BOLOGNA		Farm	Mordano	44.404626	11.80232	03/09/2013	08/09/2013

Province	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	98200	11	11	98189	0			
Affected Population	The positivity regards a commercial layer hens farm located in the protection zone established around the 2nd outbreak in Mordano Municipality.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
EMILIA-ROMAGNA-oth er report - submitted	-	FERRARA		Farm	Bondeno	44.880296	11.320428	04/09/2013	05/09/2013
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	3	1	1	2	0			
Affected Population	The positivity regards a backyard flock of free-range hens. During last week of August, five hens died and one of them on 1 September was delivered to the Laboratory and resulted positive to avian influenza type A/H7 at PCR.								

Outbreak summary: Total outbreaks = 6 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	952658	151863	5676	946982	0

Epidemiology

Epidemiological comments
The National Reference Laboratory in Padova has confirmed for all the six outbreaks HPAI virus subtype H7N7.
Source of the outbreak(s) or origin of infection
• Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • stamping out • quarantine • movement control inside the country • screening • disinfection of infected premises/establishment(s) 	<ul style="list-style-type: none"> • no planned control measures
Animals treated	Vaccination Prohibited
No	Yes

Future Reporting

The report and all its outbreaks have been resolved.

Outbreak maps

