

Follow-up report No.23

Report reference: , Reference OIE : 24650, Report Date : 25/08/2017, Country : Italy

Report Summary

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		Date submitted to OIE	25/08/2017

Animal type	Terrestrial	Date of report	25/08/2017
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	Recurrence of a listed disease	Diagnosis	Clinical, Laboratory (advanced)
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 33, 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	Killed and disposed of	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	Killed and disposed of	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	Killed and disposed of	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	08/02/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	23300	4000	400	22900	0			

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Affected Population	The positivity regards a farm of fattening turkeys. Culling of 22,900 turkeys has been completed on 8 February 2017 and all 23,300 turkeys have been safely disposed of.								
Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOMBARDIA-other report - submitted	-	MANTOVA		Farm	Monzambano	45.378272	10.673785	14/02/2017	18/02/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	15327	15327	100	15227	0			
Affected Population	The positivity regards a farm of fattening turkeys. Culling of 15,227 turkeys has been completed on 18 February 2017 and all 15,327 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	-	VERONA		Farm	Gazzo Veronese	45.122105	11.129962	16/02/2017	21/02/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	41373	5640	140	41233	0			
Affected Population	The positivity regards a farm of fattening turkeys. Culling of 41,233 turkeys has been completed on 21 February 2017 and all 41,373 turkeys have been safely disposed of.								
Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOMBARDIA-other report - submitted	-	MANTOVA		Farm	Monzambano	45.382577	10.654485	21/02/2017	25/02/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	19532	19482	100	19432	0			
Affected Population	The positivity regards a commercial farm of fattening turkeys Culling of 19482 turkeys has been completed on 25 February 2017 and all 19532 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	-	VENEZIA		Farm	San Donà di Piave	45.655552	12.656759	27/02/2017	01/03/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	18	18	0	18	0			
Affected Population	The positivity regards a backyard farm. The February 28, 2017 all 18 animals were disposed of safely.								
Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
VENETO-other report - submitted	-	VENEZIA		Farm	San Donà di Piave	45.65457	12.653174	27/02/2017	28/02/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	11	11	8	3	0			
Affected Population	The positivity regards a backyard farm. Culling of 3 animals has been completed on 28 February 2017 and all 11 animals 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	-	TREVISO		Farm	Vazzola	45.846956	12.375294	16/03/2017	18/03/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	180	5	5	175	...			
Affected Population	The positivity regards a commercial farm of game birds. Culling of 175 game birds has been completed on 18 March 2017 and all 180 game birds have been safely disposed of.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
PIEMONTE-other report - submitted	-	TORINO		Farm	Chivasso	45.198792	7.837833	28/03/2017	31/03/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	11	11	11	0	0			
Affected Population	The positivity regards a backyard farm. The March 31, 2017 all of the 11 animals were safely disposed of.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
VENETO-other report - submitted	-	VERONA		Farm	Cazzano di Tramigna	45.448526	11.21608	28/03/2017	31/03/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	16000	50	50	15950	0			
Affected Population	The positivity regards a commercial farm of fattening turkeys. Culling of 15950 turkeys has been completed on March 31, 2017 and all 16,000 turkeys have been safely disposed of.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
FRIULI-VENEZIA GIULIA-other report - submitted	-	PORDENONE		Farm	San Vito al Tagliamento	45.922551	12.841861	28/03/2017	30/03/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	50	6	6	44	0			
Affected Population	The positivity regards a backyard farm. Culling of 44 animals has been completed on 29 March 2017 and all 50 animals 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	-	BOLOGNA		Farm	Mordano	44.4209	11.799384	07/04/2017	18/04/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	131500	50000	727	130773	0			
Affected Population	The positivity regards a layer farming. Culling of 130773 turkeys has been completed on 18 April 2017 and all 131500 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	-	VERONA		Farm	San Bonifacio	45.401789	11.251655	11/04/2017	12/04/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	13015	2413	136	12879	0			
Affected Population	The positivity regards a commercial farm of fattening turkeys. Culling of 12,879 turkeys has been completed on 12 April 2017 and all 13,015 turkeys have been safely disposed of.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOMBARDIA-other report - submitted	-	MANTOVA		Farm	Goito	45.252414	10.639105	29/05/2017	04/06/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	17152	17152	1889	15263	0			
Affected Population	The positivity regards a commercial farm of fattening turkeys. Culling of 15263 turkeys has been completed on 31 May 2017 and all 17152 turkeys have been safely disposed of.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOMBARDIA-other report - submitted	-	MANTOVA		Farm	Roncoferraro	45.096065	10.959743	19/07/2017	24/07/2017

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	20560	18871	1689	18871	0			
Affected Population	The positivity regards a commercial farm of fattening turkeys. Culling of 18871 turkeys has been completed on 24 Jul 2017 and all 20560 turkeys have been safely disposed of.								
Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOMBARDIA-other report - submitted	-	MANTOVA		Backyard	Castel Goffredo	45.294189	10.520736	19/07/2017	20/07/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	3	3	3	0	0			
Affected Population	The positivity regards a backyard farm. On 20 Jul 2017 all animals have been safely disposed of.								
Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOMBARDIA-other report - submitted	-	MANTOVA		Farm	Castiglione delle Stiviere	45.363724	10.52547	20/07/2017	07/08/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	460000	460000	5000	...	...	
Affected Population	The positivity regards a layer farm. Culling of 445589 laying hens has been completed on 07 Aug 2017 and all 479596 laying hens 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	-	VERONA		Farm	Albaredo d'Adige	45.296691	11.316301	23/07/2017	29/07/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	17724	3120	1000	16724	0			
Affected Population	The positivity regards a commercial farm of fattening turkeys. Culling of 16724 turkeys has been completed on 29 Jul 2017 and all 17724 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	-	VERONA		Farm	Nogara	45.22139	11.043313	26/07/2017	31/07/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	12200	2800	120	12080	0			
Affected Population	The positivity regards a commercial farm of fattening turkeys. Culling of 12080 turkeys has been completed on 31 Jul 2017 and all 12200 turkeys have been safely disposed of.								
Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOMBARDIA-other report - submitted	-	MANTOVA		Farm	Castellucchio	45.161023	10.63778	27/07/2017	07/08/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	123463	123463	2537	...	...	
Affected Population	The positivity regards a layer farm. Culling of 123463 laying hens has been completed on 07 Aug 2017 and all 126000 laying hens 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	-	VERONA		Farm	Erbè	45.248502	10.996098	01/08/2017	03/08/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	5642	1241	1241	4401	0			
Affected Population	The positivity regards a commercial farm of fattening turkeys. Culling of 4401 turkeys has been completed on 03 Aug 2017 and all 5642 turkeys 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	01/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	24738	4900	1800	...	...	
Affected Population	The positivity regards a commercial farm of fattening turkeys.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOMBARDIA-other report - submitted	-	PAVIA		Farm	Chignolo Po	45.137998	9.506145	03/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	3065	2100	2100	...	...	
Affected Population	The positivity regards a geese farm.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOMBARDIA-other report - submitted	-	MANTOVA		Farm	Medole	45.346753	10.530068	04/08/2017	11/08/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	31700	31700	4130	27570	0			
Affected Population	The positivity regards a farm of fattening turkeys. Culling of 27570 turkeys has been completed on 11 Aug 2017 and all 31700 turkeys have been safely disposed of.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOMBARDIA-other report - submitted	-	MANTOVA		Farm	Medole	45.348406	10.531326	04/08/2017	11/08/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	18000	18000	5287	12713	0			
Affected Population	The positivity regards a farm of fattening turkeys. Culling of 12713 turkeys has been completed on 11 Aug 2017 and all 18000 turkeys have been safely disposed of.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOMBARDIA-other report - submitted	-	MANTOVA		Farm	Medole	45.333108	10.522951	04/08/2017	18/08/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	46800	46800	1314	45486	0			
Affected Population	The positivity regards a farm of fattening turkeys. Culling of 45486 turkeys has been completed on 18 Aug 2017 and all 46800 turkeys have been safely disposed of.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOMBARDIA-other report - submitted	-	MANTOVA		Farm	Solferino	45.386298	10.558177	08/08/2017	18/08/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	7680	7680	1178	6502	0			
Affected Population	The positivity regards a farm of fattening turkeys. Culling of 6502 turkeys has been completed on 18 Aug 2017 and all 7680 turkeys have been safely disposed of.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOMBARDIA- (this report - submitted)	-	LODI		Farm	Zelo Buon Persico	45.380577	9.450603	19/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	22150	150	150	22000	0			
Affected Population	The positivity regards a game birds farm.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
VENETO- (this report - submitted)	-	VERONA		Farm	Ronco all'Adige	45.331231	11.209305	21/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	13248	6248	200	...	...	
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:
VENETO- (this report - submitted)	-	VERONA		Farm	Cologno Veneta	45.317546	11.347701	22/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	10900	3424	121	...	...	
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:
VENETO- (this report - submitted)	-	VERONA		Farm	Angiari	45.211227	11.272435	22/08/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	33102	5389	196	...	...	
Affected Population	The positivity regards a farm of fattening turkeys								

Outbreak summary: Total outbreaks = 33 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Birds	1208574	856538	32772	519240	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 • official disposal of carcasses, by-products and waste • stamping out • zoning 	<ul style="list-style-type: none"> • disinfection
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	polymerase chain reaction (PCR)	23/08/2017	Positive
National laboratory	Experimental Zooprophyllactic Institute (IZSve), Padova	Birds	polymerase chain reaction (PCR)	22/08/2017	Positive
National laboratory	Experimental Zooprophyllactic Institute (IZSve), Padova	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	21/08/2017	Positive
National laboratory	Experimental Zooprophyllactic Institute (IZSve), Padova	Birds	polymerase chain reaction (PCR)	21/08/2017	Positive

Future Reporting

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

