

Follow-up report No.4

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Report Summary

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Animal type	Terrestrial	Date of report	24/12/2015
Disease	Highly pathogenic avian influenza	Date of start of the event	10/11/2015
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	24/11/2015
Serotype(s)	H5N1	Date of last occurrence	2007
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= 13, Draft= 0		

Outbreak details

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
DORDOGNE-other report - submitted	-	Saint-Paul la Roche		Farm	Saint-Paul la Roche	45.4978253	0.9818008	10/11/2015	01/12/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	14000	7	0	14000	0			
Affected Population	Samples taken in a duck farm with a gavage unit as part of the scheduled national surveillance with isolation of a H5N1 virus. Following additional samples, a H5N9 strain virus was also identified in the farm.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
DORDOGNE-other report - submitted	-			Backyard	Biras	45.288611	0.639444	14/11/2015	20/11/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	32	22	22	10	0			
Affected Population	A backyard (non-commercial farm) consisting of 32 broiler chickens and layer hens showing acute mortalities leading to testing and preventive slaughter.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
DORDOGNE-other report - submitted	-	MONTIGNAC		Farm	MONTIGNAC	45.066667	1.161389	27/11/2015	08/12/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	30	9	9	21	0			
Affected Population	A backyard consisting of 25 hens, 3 ducks and 2 geese showed mortality. Sampling carried out under clinical suspicion isolated a highly pathogenic H5N1 virus.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAUTE-VIENNE-other report - submitted	-	LES BILLANGES		Farm	LES BILLANGES	45.9805066	1.5406258	03/12/2015	10/12/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	250	3	3	247	0			
Affected Population	The death of three animals in a poultry farm led to take samples following a clinical suspicion. The results from the National Reference Laboratory on 8 December 2015 confirm H5N1 serotype.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
DORDOGNE-other report - submitted	-	NANTHEUIL		Farm	NANTHEUIL	45.4237843	0.9612285	03/12/2015	08/12/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	1000	...	0	1000	0			
Affected Population	Samples taken in order to leave the restriction zone.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
DORDOGNE-other report - submitted	-	SAINT ARMAND DE COLY		Farm	SAINT ARMAND DE COLY	45.049765	1.2768368	10/12/2015	18/12/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	1000	...	0	1000	0			
Affected Population	Samples were taken in the frame of the analytical surveillance.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LANDES- (this report - submitted)	-	EYRES MONCUBE		Farm	EYRES MONCUBE	43.7175309	-0.5451694	11/12/2015	14/12/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	910	...	0	910	0			
Affected Population	Samples were taken in the framework of analytical surveillance. The National Reference Laboratory confirmed the presence of H5N1 virus on 22 December 2015.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
PYRÉNÉES-ATLANTIQUES-other report - submitted	-	CROUSEILLES		Farm	CROUSEILLES	43.5293617	-0.0902759	12/12/2015	21/12/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	1810	...	0	1810	0			
Affected Population	Ducks in a gavage unit showed mortality. The National Reference laboratory confirmed the presence of H5N1 virus.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
DORDOGNE-other report - submitted	-	LE LARDIN SAINT LAZARE		Farm	LE LARDIN SAINT LAZARE	45.1364263	1.2275143	12/12/2015	21/12/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	480	...	0	480	0			
Affected Population	Samples were taken in the frame of the analytical surveillance.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
DORDOGNE-other report - submitted	-	Bosset		Farm	Bosset	45.035833	0.366389	13/12/2015	15/12/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	1070	...	0	0	0			
Affected Population	Farm with fattened ducks. Samples were taken in the framework of movements out of the zone of Bosset for slaughter. The slaughter of the flock is planned on 16 December 2015.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LANDES-other report - submitted	-	SERRES GASTON		Farm	SERRES GASTON	43.6770137	-0.5271729	14/12/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	10840	...	0	0	0			
Affected Population	Samples were taken in the frame of the analytical surveillance in a farm with 6,000 ducks in gavage process, 4,000 ducklings and 840 ducks at the end of the gavage process. The National Reference laboratory confirmed the presence of H5N1 virus on 21 December 2015.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAUTES-PYRÉNÉES- (this report - submitted)	-	BAZILLAC		Farm	BAZILLAC	43.3523109	0.1037034	18/12/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	5600	3	3	0	0			
Affected Population	Samples were taken following a clinical suspicion in a farm with 3,000 ducks and 2,600 geese. The National Reference laboratory confirmed the presence of H5N1 virus on 23 December 2015.								

Département	Number of outbreaks	Commune	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GERS- (this report - submitted)	-	MONTAUT	Farm	MONTAUT	43.405831	0.421362	20/12/2015	23/12/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	415	35	35	380	0		
Affected Population	Samples were taken following mortality in ducks in gavage process. The National Reference laboratory confirmed the presence of H5N1 virus on 23 December 2015.							

Outbreak summary: Total outbreaks = 13 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	37437	79	72	19858	0

Epidemiology

Epidemiological comments

Zoning: protection (3 km) and surveillance (10 km) zones around the farm as well as another low risk zone.

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 • movement control inside the country • screening • zoning • disinfection / disinfestation • surveillance outside containment and/or protection zone • official disposal of carcasses, by-products and waste • surveillance within containment and/or protection zone • traceability 	<ul style="list-style-type: none"> • control of wildlife reservoirs
Animals treated	Vaccination Prohibited
No	Yes

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	National Reference Laboratory for Avian Influenza and Newcastle Disease, ANSES	Birds	nucleotide sequencing	23/12/2015	Positive
National laboratory	National Reference Laboratory for Avian Influenza and Newcastle Disease, ANSES	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	23/12/2015	Positive
National laboratory	National Reference Laboratory for Avian Influenza and Newcastle Disease, ANSES	Birds	nucleotide sequencing	22/12/2015	Positive
National laboratory	National Reference Laboratory for Avian Influenza and Newcastle Disease, ANSES	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	22/12/2015	Positive

Future Reporting

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

