

## Follow-up report No.12

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### Report Summary

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		<b>Date submitted to OIE</b>	28/03/2017

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	28/03/2017
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	14/11/2015
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of confirmation of the event</b>	24/11/2015
<b>Serotype(s)</b>	H5N1	<b>Date of last occurrence</b>	2007
<b>Reason</b>	Reoccurrence of a listed disease	<b>Diagnosis</b>	Clinical, Laboratory (advanced)
<b>Country or zone</b>	a zone or compartment	<b>Clinical signs</b>	Yes
<b>Number of reported outbreaks</b>	submitted= 21, 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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
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:
DORDOGNE-other report - submitted	-	NANTHEUIL		Farm	NANTHEUIL	45.4237843	0.9612285	03/12/2015	08/12/2015
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
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
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
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-other 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:
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:
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	-	Bosset		Farm	Bosset	45.035833	0.366389	13/12/2015	16/12/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	1070	...	0	1070	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	04/01/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	10840	...	0	10840	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-other report - submitted	-	BAZILLAC		Farm	BAZILLAC	43.3523109	0.1037034	18/12/2015	23/12/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	5600	3	3	5597	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:
DORDOGNE-other report - submitted	-	CELLES		Farm	CELLES	45.293999	0.4053409	20/12/2015	06/01/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	200	6	6	194	0			

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Affected Population	Out of the 30 hens of the holding, 6 died which lead to samples being taken in the frame of a clinical suspicion. The National Reference Laboratory confirmed the presence of H5N1 virus. Additionally the holding includes 150 pigeons, 4 peacocks and 16 geese. All of them will be destroyed.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
GERS-other report - submitted	-	MONTAUT		Farm	MONTAUT	43.405831	0.421362	20/12/2015	23/12/2015
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.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
LOT-other report - submitted	-	MIERS		Farm	MIERS	44.8506442	1.7264083	24/12/2015	06/01/2016
Birds	Animals	1250	39	39	1211	0			
Affected Population	Out of a lot of 180 guinea fowls, 39 died, which lead to samples being taken in the frame of a clinical suspicion. The National Reference Laboratory confirmed the presence of H5N1 virus. There is another lot of 80 guinea fowls, 280 ducks, 650 broilers and 60 layers on the farm. All of them will be destroyed.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
HAUTE-GARONNE-other report - submitted	-	LAFITTE VIGORDANE		Farm	LAFITTE VIGORDANE	43.3016823	1.1649328	04/01/2016	14/01/2016
Birds	Animals	17000	480	480	16520	0			
Affected Population	Hens in a farm with 10,000 hens and 7,000 ducks showed mortalities and this lead to samples being taken in the frame of a clinical suspicion. The National Reference laboratory confirmed the presence of H5N1 virus. Animals will be destroyed on 13 and 14 January 2016.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
LOT-other report - submitted	-	CREYSSE		Farm	CREYSSE	44.8922003	1.6041562	12/02/2016	18/02/2016
Birds	Animals	7650	...	0	7650	0			
Affected Population	Samples were taken in the framework of analytical surveillance. The National Reference laboratory confirmed the presence of H5N1 virus.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
DORDOGNE-other report - submitted	-	Saint-Paul la Roche		Farm	Saint-Paul la Roche	45.4978253	0.981008	16/02/2016	24/02/2016
Birds	Animals	2000	...	0	2000	0			
Affected Population	Samples taken in the framework of surveillance related to an outbreak repopulation (outbreak n° 3 of 10/11/2015). The 2000 ducks in gavage process will be destroyed on 24 February 2016.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
DORDOGNE-other report - submitted	-	BEAUREGARD et BASSAC		Farm	BEAUREGARD et BASSAC	44.9867985	0.652392	16/02/2016	25/02/2016
Birds	Animals	6000	...	0	6000	0			
Affected Population	The National Reference Laboratory confirmed the presence of H5 highly pathogenic avian influenza virus in a lot of 6000 ducks ready to start the gavage process. They will be destroyed on 25 February 2016.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
DORDOGNE-other report - submitted	-	LA DORNAC		Farm	LA DORNAC	45.081390381	1.359444022	13/07/2016	20/07/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	4400	1000	1000	3400	0			
Affected Population	A broiler flock whose mortality started to increase on July 13 and accelerated to reach 1000 dead animals on July 15. Samples positive to H5N1 were officially confirmed by the National Reference Laboratory (ANSES) on July 18 (real-time RT PCR). Further epidemiological investigations are on-going.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
DORDOGNE-other report - submitted	-	LA DORNAC		Farm	LA DORNAC	45.081390381	1.359444022	19/07/2016	25/07/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	24000	...	0	24000	0			
Affected Population	A flock of ducks for fattening located in a range within a few hundred meters from the first identified outbreak within the same municipality on 13 July 2016. The flock was detected through sampling within the framework of epidemiological investigations of this first outbreak in La Dornac. There were no clinical signs.								

Département	Number of outbreaks	Commune		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
PYRÉNÉES-ATLANTIQUES- (this report - submitted)	-	MONTAUT		Farm	MONTAUT	43.1308	-0.199167	10/03/2017	21/03/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	3200	...	0	3200	0			
Affected Population	Samples taken for a movement out of a zone. The National Reference Laboratory confirmed the presence of H5N1 virus.								

### Outbreak summary: Total outbreaks = 21 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	102887	1601	1594	101293	0

### Epidemiology

#### Epidemiological comments

Zoning: protection (3 km) and surveillance (10 km) zones around the farms as well as additional low risk zoning.

#### Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

### Measures applied

Applied	To be applied
<ul style="list-style-type: none"> <li>• movement control inside the country</li> <li>• screening</li> <li>• disinfection / disinfestation</li> <li>• traceability</li> <li>• surveillance outside containment and/or protection zone</li> <li>• stamping out</li> <li>• official disposal of carcasses, by-products and waste</li> <li>• surveillance within containment and/or protection zone</li> <li>• zoning</li> </ul>	<ul style="list-style-type: none"> <li>• control of wildlife reservoirs</li> </ul>
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, Ploufragan	Birds	nucleotide sequencing	17/03/2017	Positive

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	National Reference Laboratory, Ploufragan	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	17/03/2017	Positive

### Future Reporting

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

## Outbreak maps

