

## Follow-up report No.9

Report reference: WB AIV 2018, Reference OIE : 26272, Report Date : 23/03/2018, Country : United Kingdom

### Report Summary

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<b>Animal type</b>	Terrestrial	<b>Date of report</b>	23/03/2018
<b>Disease</b>	Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)	<b>Date of start of the event</b>	09/01/2018
<b>Causal Agent</b>	Highly pathogenic influenza A virus	<b>Date of confirmation of the event</b>	09/01/2018
<b>Serotype(s)</b>	H5N6	<b>Diagnosis</b>	Clinical, Laboratory (advanced), Necropsy
<b>Reason</b>	New strain of a listed disease in the country	<b>Clinical signs</b>	Yes
<b>Country or zone</b>	a zone or compartment		
<b>Number of reported outbreaks</b>	submitted= 19, Draft= 0		

### Outbreak details

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
England-other report - submitted	-			Natural park	Warwickshire	52.3186	-1.3162	09/01/2018	09/01/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Herring Gull:Laridae(Larus argentatus)	Animals	...	1	1	0	0			
Great black-backed Gull:Laridae(Larus marinus)	Animals	...	6	6	0	0			
Great Crested Grebe:Podicipedidae(Podiceps cristatus)	Animals	...	1	1	0	0			
Tufted Duck:Anatidae(Aythya fuligula)	Animals	...	5	5	0	0			
<b>Affected Population</b>	68 birds were found dead. Not all birds were tested, but these are representative species.								

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
England-other report - submitted	-			Natural park	Dorset	50.6531	-2.6017	09/01/2018	09/01/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Common Pochard:Anatidae(Aythya ferina)	Animals	...	1	1	0	0			
Canada Goose:Anatidae(Branta canadensis)	Animals	...	1	1	0	0			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	15	15	0	0			
<b>Affected Population</b>	17 wild birds were found dead: 15 mute swans, one Canada goose and one common pochard.								

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
England-other report - submitted	-			Natural park	Hertfordshire	51.794	-0.006	13/01/2018	13/01/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Mallard:Anatidae(Anas platyrhynchos)	Animals	...	2	2	0	0			
Greylag Goose:Anatidae(Anser anser)	Animals	...	7	7	0	0			
Mew Gull:Laridae(Larus canus)	Animals	...	1	1	0	0			
Tufted Duck:Anatidae(Aythya fuligula)	Animals	...	5	5	0	0			
Laridae (unidentified):Laridae(Laridae (incognita))	Animals	...	3	3	0	0			
Mallard (domestic):Anatidae(Anas platyrhynchos domesticus)	Animals	...	1	1	0	0			
Affected Population	H5N6 highly pathogenic avian influenza confirmed in 19 dead wild birds at a nature reserve. Birds testing positive are: seven Greylag geese (Anser anser), two mallards (Anas platyrhynchos), five tufted ducks (Aythya fuligula), one common gull (Larus canus), one domestic duck (Anas platyrhynchos domesticus) and three unidentified birds.								

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
England-other report - submitted	-			Natural park	Greater London Authority	51.572	-0.177	29/01/2018	29/01/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	2	2	0	0			
Affected Population	H5N6 highly pathogenic avian influenza detected in two mute swans (Cygnus olor) found dead.								

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
England-other report - submitted	-			Natural park	Wakefield	53.6538	-1.50695	29/01/2018	29/01/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Tufted Duck:Anatidae(Aythya fuligula)	Animals	...	1	1	0	0			
Affected Population	H5N6 highly pathogenic avian influenza detected in one tufted duck (Aythya fuligula) found dead.								

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
England-other report - submitted	-			Natural park	Rutland	52.7215	-0.6375	29/01/2018	29/01/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Mallard:Anatidae(Anas platyrhynchos)	Animals	...	8	8	0	0			
Common Moorhen:Rallidae(Gallinula chloropus)	Animals	...	1	1	0	0			

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County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Affected Population	H5N6 highly pathogenic avian influenza detected in eight mallards ( <i>Anas platyrhynchos</i> ) and one moorhen ( <i>Gallinula chloropus</i> ) found dead.								

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
England-other report - submitted	-			Natural park	Hertfordshire	51.774557	0.009	05/02/2018	05/02/2018
Tufted Duck:Anatidae( <i>Aythya fuligula</i> )	Animals	...	1	1	0	0			
Affected Population	1 tufted duck( <i>Aythya fuligula</i> ) found dead in Hertfordshire								

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
England-other report - submitted	-			Natural park	Warwickshire	52.26425	-1.31766	05/02/2018	05/02/2018
Mute Swan:Anatidae( <i>Cygnus olor</i> )	Animals	...	1	1	0	0			
Affected Population	1 mute swan ( <i>Cygnus olor</i> ) found dead in a reservoir in Warwickshire.								

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
England-other report - submitted	-			Natural park	Berkshire	51.48651	-0.61776	05/02/2018	05/02/2018
Mute Swan:Anatidae( <i>Cygnus olor</i> )	Animals	...	5	5	0	0			
Affected Population	5 mute swans ( <i>Cygnus olor</i> ) found dead in river and tested positive for H5N6.								

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
England-other report - submitted	-			Natural park	Surrey	51.41066	-0.3716	05/02/2018	05/02/2018
Unidentified:Incognita(In cognita)	Animals	...	2	2	0	0			
Affected Population	Two unidentified birds found dead in a body of water in Surrey.								

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
England-other report - submitted	-			Other	Surrey	51.4088	-0.3086	05/02/2018	05/02/2018
Mute Swan:Anatidae( <i>Cygnus olor</i> )	Animals	...	1	1	0	0			
Affected Population	One mute swan ( <i>Cygnus olor</i> ) found dead in wastewater treatment works in Surrey.								

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
England-other report - submitted	-			Natural park	Oxfordshire	51.62	-1.53	14/02/2018	14/02/2018

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Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population	One mute swan (Cygnus olor) found dead tested positive for H5N6.								

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
England-other report - submitted	-			Other	Devon	50.455447	-4.154519	28/02/2018	28/02/2018
Eurasian buzzard (common buzzard):Accipitridae(Buteo buteo)	Animals	...	1	1	0	0			
Affected Population	One common buzzard (Buteo buteo) found dead in river in Devon.								

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Wales-other report - submitted	-			Other	South Glamorgan	51.408414	-3.248646	28/02/2018	28/02/2018
Eurasian buzzard (common buzzard):Accipitridae(Buteo buteo)	Animals	...	1	1	0	0			
Affected Population	One common buzzard (Buteo buteo) found dead in coastal/urban area in South Glamorgan.								

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
England-other report - submitted	-			Other	Lincolnshire	52.79987	-0.351658	28/02/2018	28/02/2018
Common pheasant:Phasianidae(Phasianus colchicus)	Animals	...	2	2	0	0			
Greylag Goose:Anatidae(Anser anser)	Animals	...	2	2	0	0			
Affected Population	Two greylag geese and two pheasants found dead in Lincolnshire.								

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
England-other report - submitted	-			Natural park	Suffolk	52.39052	0.822092	28/02/2018	28/02/2018
Northern Goshawk:Accipitridae(Accipiter gentilis)	Animals	...	1	1	0	0			
Affected Population	One northern goshawk (Accipiter gentilis) found dead in Suffolk.								

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
England-other report - submitted	-			Other	Surrey	51.4183	-0.5137	28/02/2018	28/02/2018

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Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	2	2	0	0			
Affected Population	Two mute swans (Cygnus olor) found dead in river in Surrey.								

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
England-other report - submitted	-			Other	Hampshire	51.03617	-1.461562	28/02/2018	28/02/2018
Eurasian buzzard (common buzzard):Accipitridae(Buteo buteo)	Animals	...	1	1	0	0			
Affected Population	One common buzzard (Buteo buteo) found dead in Hampshire.								

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Northern Ireland- (this report - submitted)	-			Other	Antrim	54.627	-6.2342	23/03/2018	
Eurasian buzzard (common buzzard):Accipitridae(Buteo buteo)	Animals	...	1	1	0	0			
Affected Population	Wild bird (Common buzzard) found dead and tested as part of the wild raptor surveillance scheme. Final confirmation was made by the EURL on 23rd March.								

### Outbreak summary: Total outbreaks = 19 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Herring Gull		1	1	0	0
Great black-backed Gull		6	6	0	0
Great Crested Grebe		1	1	0	0
Tufted Duck		12	12	0	0
Common Pochard		1	1	0	0
Canada Goose		1	1	0	0
Mute Swan		27	27	0	0
Mallard		10	10	0	0
Greylag Goose		9	9	0	0
Mew Gull		1	1	0	0
Laridae (unidentified)		3	3	0	0
Mallard (domestic)		1	1	0	0
Common Moorhen		1	1	0	0
Unidentified		2	2	0	0
Eurasian buzzard (common buzzard)		4	4	0	0
Common pheasant		2	2	0	0
Northern Goshawk		1	1	0	0

### Epidemiology

#### Epidemiological comments

The virus is a reassortant between H5N8 HPAI circulating in Europe and a European N6.

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

- Contact with wild species

**Measures applied**

<b>Applied</b>	<b>To be applied</b>
• official disposal of carcasses, by-products and waste	• no planned control measures
<b>Animals treated</b>	<b>Vaccination Prohibited</b>
No	Yes

**Future Reporting**

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

## Outbreak maps

