

Follow-up report No.9

Report reference: HPAI 2016/01 WB 1, Reference OIE : 22264, Report Date : 12/01/2017, Country : Netherlands

Report Summary

Name of sender of the report	Dr Christianne Bruschke	Telephone	(31-70) 378 46 83
Position	Chief Veterinary Officer	Fax	
Address	Bezuidenhoutseweg 73 P.O. Box 20401 2500 EK The Hague The Hague	Email	c.j.m.bruschke@minez.nl
		Date submitted to OIE	12/01/2017

Animal type	Terrestrial	Date of report	12/01/2017
Disease	Highly pathogenic avian influenza	Date of start of the event	08/11/2016
Causal Agent	Highly pathogenic avian influenza virus in wild birds	Date of confirmation of the event	10/11/2016
Serotype(s)	H5N8	Date of last occurrence	04/2015
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= 41, Draft= 0		

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
NOORD-HOLLAND-other report - submitted	-			Village	Monnickendam	52.44	5.05	08/11/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Great Crested Grebe:Podicipedidae(Podiceps cristatus)	Animals	...	2	2	0	0			
Tufted Duck:Anatidae(Aythya fuligula)	Animals	...	3	3	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
FLEVOLAND-other report - submitted	-			Village	Zeewolde	52.3644	5.5603	09/11/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Tufted Duck:Anatidae(Aythya fuligula)	Animals	...	3	3	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
ZUID-HOLLAND-other report - submitted	-			Village	Plaswijckpark (Rotterdam)	51.955	4.4853	10/11/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Anatidae (unidentified):Anatidae(Anatidae (incognita))	Animals	...	4	4	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
NOORD-HOLLAND-other report - submitted	-			Village	Den Oever	52.938056	5.019167	10/11/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Anatidae (unidentified):Anatidae(A natidae (incognita))	Animals	34	2	2	32	0			
Affected Population	Black swans and a wild duck								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
NOORD-HOLLAND-oth er report - submitted	-			Village	Slootdorp	52.7878	5.1372	11/11/2016	
Great black-backed Gull:Laridae(Larus marinus)	Animals	...	2	2	0	0			
Common Shelduck:Anatidae(Tador na tadorna)	Animals	...	1	1	0	0			
Mew Gull:Laridae(Larus canus)	Animals	...	2	2	0	0			
Tufted Duck:Anatidae(Aythya fuligula)	Animals	...	1	1	0	0			
Common Teal:Anatidae(Anas crecca)	Animals	...	1	1	0	0			
Black-headed Gull:Laridae(Larus ridibundus)	Animals	...	3	3	0	0			
Affected Population	Note: Black-headed gull now belongs to the genre Chroicocephalus ridibundus (formerly Larus ridibundus).								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
NOORD-HOLLAND-oth er report - submitted	-			Village	Almeerder Zand	52.3111	5.2361	13/11/2016	
Tufted Duck:Anatidae(Aythya fuligula)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
NOORD-BRABANT-oth er report - submitted	-			Village	Werkendam	51.7272	4.7767	14/11/2016	
Tufted Duck:Anatidae(Aythya fuligula)	Animals	...	4	4	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
ZUID-HOLLAND-other report - submitted	-			Village	Bergplas	51.9525	4.4783	14/11/2016	
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Tufted Duck:Anatidae(Aythya fuligula)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
NOORD-HOLLAND-other report - submitted	-			Village	Oostzaan	52.4392	4.8989	14/11/2016	
Anatidae (unidentified):Anatidae(Anatidae (incognita))	Animals	...	3	3	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
NOORD-HOLLAND-other report - submitted	-			Village	Bloemendaal	52.4078	4.5419	17/11/2016	
Lesser Black-backed Gull:Laridae(Larus fuscus)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
NOORD-HOLLAND-other report - submitted	-			Village	Monnickendam	52.4492	5.0947	17/11/2016	
Laridae (unidentified):Laridae(Laridae (incognita))	Animals	...	15	15	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
OVERIJSSSEL-other report - submitted	-			Village	Kampen	52.5378	5.8589	17/11/2016	
Great Crested Grebe:Podicipedidae(Podiceps cristatus)	Animals	...	1	1	0	0			
Anatidae (unidentified):Anatidae(Anatidae (incognita))	Animals	...	1	1	0	0			
Whooper Swan:Anatidae(Cygnus cygnus)	Animals	...	2	2	0	0			
Tufted Duck:Anatidae(Aythya fuligula)	Animals	...	7	7	0	0			
Affected Population									

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
NOORD-HOLLAND-other report - submitted	-			Village	Volendam	52.4947	5.0792	18/11/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Common magpie:Corvidae(Pica pica)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
NOORD-HOLLAND-other report - submitted	-			Village	De Waal	53.0828	4.8033	27/11/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Eurasian Wigeon:Anatidae(Anas penelope)	Animals	...	5	5	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
FRIESLAND-other report - submitted	-			Village	Marrum	53.33	5.75	27/11/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Anatidae (unidentified):Anatidae(Anatidae (incognita))	Animals	...	6	6	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
NOORD-HOLLAND-other report - submitted	-			Village	Durgerdam	52.3889	4.9978	30/11/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Eurasian buzzard (common buzzard):Accipitridae(Buteo buteo)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
NOORD-HOLLAND-other report - submitted	-			Village	Oostwoud	52.736	5.097	02/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Corvidae (unidentified):Corvidae(Corvidae (incognita))	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GRONINGEN-other report - submitted	-			Village	Zuidwolde	53.258	6.624	05/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Eurasian Wigeon:Anatidae(Anas penelope)	Animals	...	2	2	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OVERIJSEL-other report - submitted	-			Village	Mastenbroek	52.728	6.031	05/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Anatidae (unidentified):Anatidae(A natidae (incognita))	Animals	...	5	5	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OVERIJSEL-other report - submitted	-			Village	IJsselmuiden	52.551	5.976	06/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Anatidae (unidentified):Anatidae(A natidae (incognita))	Animals	...	5	5	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GRONINGEN-other report - submitted	-			Village	Woldendorp	53.261	7.052	06/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Eurasian Wigeon:Anatidae(Anas penelope)	Animals	...	4	4	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
FRIESLAND-other report - submitted	-			Village	Greonterp	53.009	5.527	08/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Eurasian Wigeon:Anatidae(Anas penelope)	Animals	...	5	5	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
ZEELAND-other report - submitted	-			Village	Vrouwenpolder	51.634	3.714	09/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Peregrin falcon:Falconidae(Falco peregrinus)	Animals	...	1	1	0	0			
Affected Population									

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
FRIESLAND-other report - submitted	-			Village	Terschelling	53.393	5.322	09/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Anatidae (unidentified):Anatidae(Anatidae (incognita))	Animals	...	6	6	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
ZUID-HOLLAND-other report - submitted	-			Village	Leidschendam	52.1	4.439	09/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Eurasian Wigeon:Anatidae(Anas penelope)	Animals	...	3	3	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
FRIESLAND-other report - submitted	-			Village	Bollingawier	53.379	6.032	10/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Eurasian Wigeon:Anatidae(Anas penelope)	Animals	...	3	3	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
ZUID-HOLLAND-other report - submitted	-			Village	Leidschendam	52.109	4.51	10/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Anatidae (unidentified):Anatidae(Anatidae (incognita))	Animals	...	5	5	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GRONINGEN-other report - submitted	-			Village	Enumatil	53.214	6.407	12/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Eurasian Wigeon:Anatidae(Anas penelope)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
NOORD-HOLLAND-other report - submitted	-			Village	West-Grafdijk	52.57	4.81	12/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Anatidae (unidentified):Anatidae(A natidae (incognita))	Animals	...	3	3	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
FRIESLAND-other report - submitted	-			Village	Oldeboorn	53.03	5.88	12/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Eurasian Wigeon:Anatidae(Anas penelope)	Animals	...	3	3	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
ZUID-HOLLAND-other report - submitted	-			Village	Gouda	51.9	4.73	12/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Eurasian Wigeon:Anatidae(Anas penelope)	Animals	...	3	3	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
ZUID-HOLLAND-other report - submitted	-			Village	Reeuwijk	52.05	4.76	12/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Eurasian Wigeon:Anatidae(Anas penelope)	Animals	...	16	16	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
ZUID-HOLLAND-other report - submitted	-			Village	Groot Ammers	51.94	4.86	13/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Eurasian Wigeon:Anatidae(Anas penelope)	Animals	...	4	4	0	0			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
UTRECHT-other report - submitted	-			Village	Vianen	51.94	5.08	13/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Anatidae (unidentified):Anatidae(A natidae (incognita))	Animals	...	3	3	0	0			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
FRIESLAND-other report - submitted	-			Village	Gerkesklooster	53.24	6.22	14/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Eurasian Wigeon:Anatidae(Anas penelope)	Animals	...	4	4	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GRONINGEN-other report - submitted	-			Village	Noorderhoogebrug	53.25	6.56	14/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OVERIJSEL-other report - submitted	-			Village	Lierderholhuis	52.44	6.19	14/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Anatidae (unidentified):Anatidae(A natidae (incognita))	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
FRIESLAND-other report - submitted	-			Village	Steggerda	52.87	6.07	16/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
White-tailed Eagle:Accipitridae(Haliae etus albicilla)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
NOORD-HOLLAND-oth er report - submitted	-			Village	Wormer	52.5	4.86	17/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Eurasian Wigeon:Anatidae(Anas penelope)	Animals	...	6	6	0	0			
Greater White-fronted Goose:Anatidae(Anser albifrons)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
UTRECHT- (this report - submitted)	-			Village	Rhenen	52.0	5.55	17/12/2016	
Anatidae (unidentified):Anatidae(Anatidae (incognita))	Animals	...	5	5	19	0			
Affected Population Wild ducks									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
UTRECHT- (this report - submitted)	-			Village	Den Dolder	52.153	5.244	10/01/2017	
Anatidae (unidentified):Anatidae(Anatidae (incognita))	Animals	...	50	50	62	0			
Affected Population Wild birds									

Outbreak summary: Total outbreaks = 41 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Great Crested Grebe		3	3	0	0
Tufted Duck		20	20	0	0
Anatidae (unidentified)	34	99	99	113	0
Great black-backed Gull		2	2	0	0
Common Shelduck		1	1	0	0
Mew Gull		2	2	0	0
Common Teal		1	1	0	0
Black-headed Gull		3	3	0	0
Lesser Black-backed Gull		1	1	0	0
Laridae (unidentified)		15	15	0	0
Whooper Swan		2	2	0	0
Common magpie		1	1	0	0
Eurasian Wigeon		59	59	0	0
Eurasian buzzard (common buzzard)		1	1	0	0
Corvidae (unidentified)		1	1	0	0
Peregrin falcon		1	1	0	0
Mute Swan		3	3	0	0
White-tailed Eagle		1	1	0	0
Greater White-fronted Goose		1	1	0	0

Epidemiology

Epidemiological comments

Follow-up report No.: 9, Report reference: HPAI 2016/01 WB 1, OIE Ref: 22264, Report Date: 12/01/2017, Country: Netherlands

Epidemiological comments
Source of the outbreak(s) or origin of infection
• Unknown or inconclusive
H5N8 was confirmed in wild birds found in Rhenen and Den Dolder
Source of the outbreak(s) or origin of infection
• Unknown or inconclusive

Measures applied

No Control Measures	
Animals treated	Vaccination Prohibited
No	Yes

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	Wageningen Bioveterinary Research, Lelystad	Anatidae (unidentified)	polymerase chain reaction (PCR)	12/01/2017	Positive
National laboratory	Wageningen Bioveterinary Research, Lelystad	Anatidae (unidentified)	polymerase chain reaction (PCR)	22/12/2016	Positive

Future Reporting

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

Outbreak maps

