

Follow-up report No.: 2

Report reference: , OIE Ref: 4868, Report Date: 09/08/2006, Country: Sweden

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H5N1
Clinical Signs	Yes	Reason	First occurrence of a listed disease
Date of first confirmation of the event	15/03/2006	Date of Start of Event	24/02/2006
Date of report	09/08/2006	Date Submitted To OIE	09/08/2006
Diagnosis	Clinical, Laboratory (advanced)	Number Of Reported Outbreaks	Submitted= 17, Draft= 0
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Entered by	Mr Leif Denneberg		

Outbreak (other report - submitted)

Län (county)	Kommun (municipality)	City/village/farm as appropriate	Unit Type	Location	Latitude	Longitude	Start date	End Date
KALMAR LÄN	Oskarshamn	Oskarshamn	Not applicable	Simpevarp OKG	57,41	16,67	24/02/2006	26/04/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Wild species	Animals	...	19	19	19	0		
Affected Population		18 tufted ducks (<i>Aythya fuligula</i>) and 1 goosander (<i>Mergus merganser</i>)						

Outbreak (other report - submitted)

Län (county)	Kommun (municipality)	Unit Type	Location	Latitude	Longitude	Start date	End Date	
BLEKINGE LÄN	Karlskrona	Not applicable	Karlskrona	57,77	15,8	03/03/2006	26/04/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Wild species	Animals	...	1	1	0	0		
Affected Population		1 greater scaup (<i>Aythya marila</i>)						

Outbreak (other report - submitted)

Län (county)	Kommun (municipality)	Unit Type	Location	Latitude	Longitude	Start date	End Date	
SÖDERMANLANDS LÄN	Oxelösund	Not applicable	Oxelösund	58,65	17,1	06/03/2006	26/04/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Wild species	Animals	...	11	11	0	0		

Affected Population 7 tufted ducks (*Aythya fuligula*), 1 common buzzard (*Buteo buteo*), 1 Eagle Owl (*Bubo bubo*) et 2 goosander (*Mergus merganser*)

Outbreak (other report - submitted)

Län (county)	Kommun (municipality)	Unit Type	Location	Latitude	Longitude	Start date	End Date
GOTLANDS LÄN	Gotland	Not applicable	Sjaustre	57,37	18,8	07/03/2006	25/04/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	...	2	2	0	0	
Affected Population		2 tufted ducks (<i>Aythya fuligula</i>)					

Outbreak (other report - submitted)

Län (county)	Kommun (municipality)	City/village/farm as appropriate	Unit Type	Location	Latitude	Longitude	Start date	End Date
KALMAR LÄN	Oskarshamn	Oskarshamn	Farm	Gässhult	57,45	16,6	10/03/2006	26/04/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	692	1	0	692	0		
Affected Population								

In a holding (fenced area) which included game birds (500 farmed mallards [*Anas platyrhynchos*]), 150 pheasants, 30 pigeons, 10 backyard hens and 2 peafowls, 50 samples were taken from mallards and pheasants. HPAI virus subtype H5 was found in one mallard.

Outbreak (this report - submitted)

Län (county)	Kommun (municipality)	City/village/farm as appropriate	Unit Type	Location	Latitude	Longitude	Start date	End Date
BLEKINGE LÄN	Karlskrona	Torhamn	Not applicable	Sandhamnsviken	56,09	15,85	14/03/2006	26/04/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Wild species	Animals	...	1	1	...	...
Affected Population		1 mallard (<i>Ana platyrhynchos</i>)						

Outbreak (other report - submitted)

Län (county)	Kommun (municipality)	Unit Type	Location	Latitude	Longitude	Start date	End Date
GOTLANDS LÄN	Gotland	Not applicable	Fårö	57,86	19,08	15/03/2006	26/04/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	...	10	10	0	0	
Affected Population							

5 tufted ducks (*Aythya fuligula*), 1 greater scaup (*Aythya marila*), 2 smew (*Mergellus albellus*), 1 goosander (*Mergus merganser*) and 1 herring gull (*Larus argentatus*)

Outbreak (this report - submitted)

Län (county)	Kommun (municipality)	Unit Type	Location	Latitude	Longitude	Start date	End Date
STOCKHOLMS LÄN	Stockholm	Not applicable	City	59,33	18,08	16/03/2006	26/04/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	...	10	10	...	...
Affected Population		7 mute swans (<i>Cygnus olor</i>), 2 tufted ducks (<i>Aythya fuligula</i>) and 1 canada goose (<i>Branta canadensis</i>)					

Outbreak (this report - submitted)

Län (county)	Kommun (municipality)	Unit Type	Location	Latitude	Longitude	Start date	End Date
BLEKINGE LÄN	Sölvesborg	Not applicable	Djupekås	56,07	14,72	21/03/2006	26/04/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	...	1	1	...	...
Affected Population		1 smew (<i>Mergus albellus</i>)					

Outbreak (this report - submitted)

Län (county)	Kommun (municipality)	Unit Type	Location	Latitude	Longitude	Start date	End Date
BLEKINGE LÄN	Sölvesborg	Not applicable	Nogersund	56	14,74	21/03/2006	26/04/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	...	1	1	...	...
Affected Population		1 goosander (<i>Mergus merganser</i>)					

Outbreak (this report - submitted)

Län (county)	Kommun (municipality)	Unit Type	Location	Latitude	Longitude	Start date	End Date
GOTLANDS LÄN	Gotland	Not applicable	Lickershamn	57,82	18,51	23/03/2006	26/04/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	...	1	1	...	...
Affected Population		1 tufted duck (<i>Aythya fuligula</i>)					

Outbreak (this report - submitted)

Län (county)	Kommun (municipality)	Unit Type	Location	Latitude	Longitude	Start date	End Date
SÖDERMANLANDS LÄN	Nyköping	Not applicable	Nyköping	58,75	17,01	30/03/2006	26/04/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	...	1	1	...	...
Affected Population		1 goosander (<i>Mergus merganser</i>)					

Outbreak (this report - submitted)

Län (county)	Kommun (municipality)	Unit Type	Location	Latitude	Longitude	Start date	End Date
BLEKINGE LÄN	Karlshamn	Not applicable	Sternö	56,13	14,85	30/03/2006	26/04/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	...	1	1	...	...
Affected Population		1 eagle owl (<i>Bubo bubo</i>)					

Outbreak (this report - submitted)

Län (county)	Kommun (municipality)	Unit Type	Location	Latitude	Longitude	Start date	End Date
BLEKINGE LÄN	Sölvesborg	Not applicable	Tredenborg	56,02	14,57	30/03/2006	26/04/2006

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species	Animals	...	2	2	...	...
Affected Population		1 herring gull (<i>Larus argentatus</i>) and 1 tufted duck (<i>Aythya fuligula</i>)				

Outbreak (this report - submitted)

Län (county)	Kommun (municipality)	Unit Type	Location	Latitude	Longitude	Start date	End Date
SKÅNE LÄN	Åhus	Not applicable	Åhus stadshotell	55,93	14,32	06/04/2006	26/04/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	...	1	1	...	...
Affected Population		1 greater scaup (<i>Aythya marila</i>)					

Outbreak (this report - submitted)

Län (county)	Kommun (municipality)	City/village/farm as appropriate	Unit Type	Location	Latitude	Longitude	Start date	End Date
BLEKINGE LÄN	Sölvesborg	Listerlandet	Not applicable	Hörvik	56,04	14,77	06/04/2006	26/04/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Wild species	Animals	...	1	1	...	...
Affected Population		1 common buzzard (<i>Buteo buteo</i>)						

Outbreak (this report - submitted)

Län (county)	Kommun (municipality)	Unit Type	Location	Latitude	Longitude	Start date	End Date
STOCKHOLMS LÄN	Haninge	Not applicable	Haninge golfbana	59,1	18,19	09/04/2006	26/04/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	...	1	1	...	...
Affected Population		1 eagle owl (<i>Bubo bubo</i>)					

Outbreak summary: Total outbreaks = 17 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species		64	64	19	0
Birds	692	1	0	692	0

Epidemiology

Epidemiological comments

Concerning the outbreak in poultry, the restriction zones and zones A and B were withdrawn 25 April 2006. Final cleaning and disinfection were completed 23 May 2006. The remaining restrictions were withdrawn 24 July 2006.

Source of the outbreak(s) or origin of infection
<ul style="list-style-type: none"> Contact with wild species Unknown or inconclusive

Control Measures

To be applied	No Planned Control Measures
<ul style="list-style-type: none"> Control of wildlife reservoirs 	<ul style="list-style-type: none"> No Planned Control Measures

Applied	• Stamping out
	• Movement control inside the country
	• Screening
	• Zoning
	• Disinfection of infected premises/establishment(s)
Animals treated	No

Vaccination Prohibited	Yes
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Country / Zone

Country or zone	the whole country
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Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
OIE's Reference Laboratory	Veterinary Laboratories Agency, Weybridge, United Kingdom	Wild species	virus isolation	15/03/2006	Positive
OIE's Reference Laboratory	Veterinary Laboratories Agency, Weybridge, United Kingdom	Wild species	real-time PCR	15/03/2006	Positive
National laboratory	National Veterinary Institute	Wild species	virus sequencing	28/02/2006	Positive
National laboratory	National Veterinary Institute	Wild species	real-time PCR	28/02/2006	Positive
National laboratory	National Veterinary Institute	Birds	virus sequencing	17/03/2006	Positive
National laboratory	National Veterinary Institute	Birds	real-time PCR	17/03/2006	Positive

Future Reporting

What further reports will be submitted in relation to this event?	The event is resolved. No more reports will be submitted.
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Outbreak maps

