

Follow-up report No.10

Report reference: , Reference OIE : 23628, Report Date : 25/04/2017, Country : Sweden

Report Summary

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		Date submitted to OIE	25/04/2017

Animal type	Terrestrial	Date of report	25/04/2017
Disease	Highly pathogenic avian influenza	Date of start of the event	21/11/2016
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	23/11/2016
Serotype(s)	H5N8	Date of last occurrence	05/03/2015
Reason	Recurrence of a listed disease	Diagnosis	Laboratory (advanced)
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 6, Draft= 0		

Outbreak details

Län	Number of outbreaks	Kommun	City/village/farm	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SKÅNE LÄN-other report - submitted	-	Helsingborg	Mörarp	Farm	Helsingborg	56.053495	12.848939	21/11/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	210000	37000	435	209565	0			
Affected Population	This is a farm with laying hens. From 21 November the animal keeper noticed an increased mortality, sick hens and hens with symptoms from the nervous system.								

Län	Number of outbreaks	Kommun	City/village/farm	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
STOCKHOLMS LÄN-other report - submitted	-	Haninge		Backyard	Utö	58.962977	18.29936	17/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	21	21	13	8	0			
Affected Population	A small backyard farm (a non-commercial holding) consisting of 21 birds (14 poultry, 2 peacocks and 5 pigeons). 13 of the 21 birds have died from the disease and the 8 remaining birds have been euthanized. All birds are sent for destruction and the backyard farm is put under restrictions and will be cleaned and disinfected.								

Län	Number of outbreaks	Kommun	City/village/farm	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
STOCKHOLMS LÄN-other report - submitted	-	Haninge		Backyard	Muskö	59.03	18.21	26/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	32	4	4	28	0			
Affected Population	A small backyard farm (a non-commercial holding) consisting of 32 birds (19 poultry and 13 common quails [Coturnix coturnix]). Four of the 19 poultry died from the disease and the 28 remaining birds have been euthanized. All birds are sent for destruction and the backyard farm is put under restrictions and will be cleaned and disinfected and the preliminary disinfection will be concluded this week. A protection zone (3 km) and a surveillance zone (10 km) have been put in place around the infected backyard and the euthanizing of the animals has finished today. All other restrictions and necessary measures according to Directive 2005/94/EC are applied.								

Län	Number of outbreaks	Kommun	City/village/farm	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SKÅNE LÄN-other report - submitted	-	Angelholm	Angelholm	Zoo	Angelholm	58.88024	17.58002	30/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	46	11	11	35	0			
Affected Population	A small city park zoo with hens, pheasants and a musk duck held in six outdoor aviaries with possible indirect contact with wild birds in the close vicinity. 10 hens and a musk duck were found dead in two of the aviaries. No other symptoms were seen. Cleaning and disinfection will be performed.								

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Län	Number of outbreaks	Kommun	City/village/farm	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SÖDERMANLANDS LÄN-other report - submitted	-	Trosa	Trosa	Backyard	Trosa	56.2551	12.86258	30/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	7	7	3	4	0			
Affected Population	A small backyard holding with poultry. Three of them died of the disease and the other four were sick.								

Län	Number of outbreaks	Kommun	City/village/farm	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
SÖDERMANLANDS LÄN- (this report - submitted)	-	Nyköping	Stigtomta	Farm	Stigtomta	58.796388	16.733243	22/04/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	50000	12500	755	49245	0			
Affected Population	This is a farm with laying hens. The farmer noticed increased mortality in one of four houses. The four houses are however considered as one epidemiological unit.								

Outbreak summary: Total outbreaks = 6 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	260106	49543	1221	258885	0

Epidemiology

Epidemiological comments

A protection zone (3 km) and a surveillance zone (10 km) have been put in place around the infected farm. Euthanizing and destruction of all the animals will be performed including disinfection of all the facilities. All other restrictions and necessary measures according to Directive 2005/94/EC are applied, including a prohibition of transportation of live birds, hatching eggs and non heat-treated poultry products in this area.

Source of the outbreak(s) or origin of infection

- Contact with wild species
- Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • movement control inside the country • surveillance outside containment and/or protection zone • surveillance within containment and/or protection zone • zoning 	<ul style="list-style-type: none"> • disinfection / disinfestation • traceability • dipping / spraying for control of vectors or parasites • stamping out • official destruction of animal products • official disposal of carcasses, by-products and waste
Animals treated	Vaccination Prohibited
No	Yes

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	National Veterinary Institute	Birds	virus sequencing	25/04/2017	Positive
National laboratory	National Veterinary Institute	Birds	real-time PCR	24/04/2017	Positive
National laboratory	National Veterinary Institute	Birds	real-time PCR	24/04/2017	Positive

Future Reporting

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

Outbreak maps

