

Eradication: Final report for Avian Influenza 2018

For each approved annual or multi-annual programme Member States shall submit to the Commission by the 30 April each year an annual detailed technical and financial report covering the previous year. That report shall include the results achieved and a detailed account of eligible costs incurred (Art 14 of Regulation (EU) No 652/2014).

This form is for information only, no submission possible.

ID: 20190411-9T66AD8X

Country code: SE

Reporting period

From: 2017

To: 2018

Year of implementation: 2018

1. Technical implementation of the programme

1.1 Description and evaluation of the evolution of the epidemiological situation, the technical implementation of the activities foreseen under the programme and the cost-effectiveness of the programme.

In 2018, there were no positive poultry test results for H5 or H7 within the surveillance programme, but four farmed game birds (gallinaceous) belonging to H5 LP AI were positive.

Wild birds: The surveillance in wild birds is a passive surveillance with sampling of dead wild birds submitted for post mortem examination. Sweden sampled 455 wild birds during 2018 and of these, 15 birds were positive for AI. All findings in wild birds have been HPAI H5N6, and all in bird of prey. No cases of other HPAI subtypes or LPAI were made. All detections of AI in wild birds were done in the first half of the year, with the absolute majority of the findings in April.

1.2 Details on the level of achievement of the targets set in the approved programme and technical difficulties.

The number of poultry sampled has been rather even during the past years, with a slight decrease in 2018 compared to in 2017. A difficulty is to reach the target of sampling 53 holdings of free range laying hens. The reason is that the total number of holdings with free range layers is not very high and many of these do not send the birds to slaughter at the end of the period.

Wild birds: After the 2016/17 avian influenza epidemic the awareness have contributed to a higher number of submitted dead wild birds. For the last two years it has been around 450, compared to 250-350 birds the years previous to the H5N8 epidemic.

1.3 Epidemiological maps for infection and other relevant data on the disease/activities (information on serotypes involved,...) (Please attach files of data using the PDF attachment feature) Use the textbox below to provide clarifications for the maps you attach, if needed.

Map attached showing finding places for all the sampled wild birds in Sweden 2018 where the red dots are the positive wild birds.

2. TECHNICAL IMPLEMENTATION OF THE PROGRAMME ON AVIAN INFLUENZA

VERY IMPORTANT: Please fill out the following tables with figures corresponding to measures performed during the implementing period (1/1 to 31/12).

In the column "Total number of samples taken", please put 0 if the same samples have already been counted for another laboratory analysis (example : for HI-H5 and HI-H7 test, only 1 sample should be counted).

Table A - POULTRY HOLDINGS SAMPLED : SEROLOGICAL INVESTIGATION ACCORDING TO ANNEX I TO COMMISSION DECISION 2010/367/EU

Poultry category	NUTS2 Code	Total number of holdings	Total number of holdings sampled	Number of samples per holding	Total number of samples taken	Methods of laboratory analysis	Total number of tests performed per method
Laying Hens	11	2	2	10	20	ELISA test	20
Laying Hens	12	82	22	10	220	ELISA test	220
Laying Hens	21	29	5	10	50	ELISA test	50
Laying Hens	22	47	9	10	90	ELISA test	90
Laying Hens	23	73	22	10	220	ELISA test	220
Free Range Laying Hens	11	2	1	10	10	ELISA test	10
Free Range Laying Hens	12	62	29	10	289	ELISA test	289
Free Range Laying Hens	21	35	3	10	30	ELISA test	30
Free Range Laying Hens	22	29	3	10	30	ELISA test	30
Free Range Laying Hens	23	21	9	10	90	ELISA test	90
Fattening Turkeys	22	12	10	10	100	ELISA test	100
Fattening Turkeys	23	4	6	10	60	ELISA test	60
Fattening ducks	22	3	2	20	26	ELISA test	26
Broilers	12	5	7	10	70	ELISA test	70
Broilers	21	2	2	10	20	ELISA test	20
Broilers	22	17	15	10	150	ELISA test	150
Broilers	23	7	6	10	60	ELISA test	60
Ratites	12	1	1	10	10	ELISA test	10
Ratites	31	1	2	10	10	ELISA test	10
Farmed game birds (gallinaceous)	12	4	3	10	30	ELISA test	30
Farmed game birds (gallinaceous)	22	9	6	10	60	ELISA test	60
Fattening geese	22	6	6	20	104	ELISA test	104
Chicken Breeders	12	12	11	10	110	ELISA test	110
Chicken Breeders	22	21	18	10	180	ELISA test	180
Chicken Breeders	23	3	3	10	30	ELISA test	30
Turkey Breeders	31	2	2	10	20	ELISA test	20
Farmed game birds (waterfowl)	12	1	1	20	20	ELISA test	20
Farmed game birds (waterfowl)	22	6	3	20	60	ELISA test	60
Laying Hens	12	82	1	1	1	HI test for H5	1
Laying Hens	21	29	1	1	1	HI test for H5	1

Laying Hens	22	47	1	1	1	HI test for H5	1
Laying Hens	23	73	2	2	2	HI test for H5	2
Laying Hens	12	82	1	1	0	HI test for H7	1
Laying Hens	21	29	1	1	0	HI test for H7	1
Laying Hens	22	47	1	1	0	HI test for H7	1
Laying Hens	23	73	2	2	0	HI test for H7	2
Free Range Laying Hens	12	62	2	11	11	HI test for H5	11
Free Range Laying Hens	21	35	1	6	6	HI test for H5	6
Free Range Laying Hens	12	62	2	11	0	HI test for H7	11
Free Range Laying Hens	21	35	1	6	0	HI test for H7	6
Farmed game birds (waterfowl)	12	1	1	16	16	HI test for H5	16
Farmed game birds (waterfowl)	22	3	3	48	48	HI test for H5	48
Farmed game birds (waterfowl)	12	1	1	16	0	HI test for H7	16
Farmed game birds (waterfowl)	22	3	3	48	0	HI test for H7	48
Farmed game birds (waterfowl)	22	3	1	40	40	PCR test	40
Farmed game birds (gallinaceous)	22	9	1	8	8	HI test for H5	8
Farmed game birds (gallinaceous)	22	9	1	8	0	HI test for H7	8
Farmed game birds (gallinaceous)	22	9	1	60	60	PCR test	60
Laying Hens	31	7	3	10	30	ELISA test	30
Total		1,199	240	618	2,393	Methods of laboratory analysis	Total number of tests
						Total - ELISA test	2,199
						Total - HI test for H5	94
						Total - HI test for H7	94
						Total - PCR test	100

Table B - WILD BIRDS : INVESTIGATION ACCORDING TO THE SURVEILLANCE PROGRAMME FOR AVIAN INFLUENZA IN WILD BIRDS SET OUT IN ANNEX II TO DECISION 2010/367/EU

NUTS 2 Code	Total number of wild birds sampled for passive surveillance	Number of PCR tests done for passive surveillance	Number of virus isolation tests for passive surveillance
SE	455	485	9
Total	455	485	9

Table C - POULTRY AND WILD BIRDS : NUMBER OF OUTBREAKS OF AVIAN INFLUENZA DETECTED DURING THE YEAR

	Domestic birds	Wild birds
Nr of HPAI outbreaks	0	15
Nr of LPAI outbreaks	1	0

COMMENT / ADDITIONAL CLARIFICATION

We do not yet have access to XML files that are adapted to the new web form for the reporting of wild birds. We therefore only report the totals here. We have updated our annual report for 2018. That reporting is correct.