

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: 20190408-DLTS1RXV

Country code: RO

Reporting period

From: 2018

To: 2020

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.

Between the 1st of January and the 31st of December 2018, no HPAI/LPAI outbreak or case were confirmed in Romania. In June there has been a suspicion in some backyards within Cernica locality, Ilfov county. There has been another avian influenza suspicion in September in some backyards within Domnesti locality, Ilfov county. Neither of these suspicions were confirmed by PCR or virus isolation.

The objectives of the surveillance programmes for avian influenza in poultry are to inform the competent authority of circulating avian influenza virus with a view to controlling the disease in accordance with Directive 2005/94/EC by the annual detection through active surveillance for:

(a) low pathogenic avian influenza (LPAI) of subtypes H5 and H7 in gallinaceous birds (namely chickens, turkeys, guinea fowl, pheasants, partridges and quails) and ratites thereby complementing other existing early detection systems;

(b) LPAI of subtypes H5 and H7 and highly pathogenic avian influenza (HPAI) in domestic waterfowl (namely ducks, geese and mallards for re-stocking supplies of game);

The sampling of the following poultry species and production categories shall be included in the surveillance programme:

- (a) laying hens;
- (b) chicken breeders;
- (c) fattening turkeys;
- (d) ratites
- (e) pheasants;
- (f) quails;
- (g) gallinaceous birds from backyards;
- (h) palmipedes from backyards ;
- (i) palmiped holdings.

The objective of the surveillance programme for avian influenza in wild birds is the timely detection of HPAI of the subtype H5N1 in wild birds in order to protect poultry in poultry holdings and safeguard veterinary public health.

- a) A risk-based surveillance (RBS) shall be implemented as a "passive" surveillance system by laboratory investigation of moribund wild birds or birds found dead and it shall be specifically directed towards water bird species.
- (b) Wild birds, in particular migratory water birds, that have been shown to be at a higher risk of becoming infected with, and transmitting the HPAI H5N1 virus, the "target species" (TS), shall be specifically targeted.
- (c) Areas close to the sea, lakes and waterways where birds were found dead; and in particular when these areas are in close proximity to poultry holdings, especially in areas where there is a high density of poultry holdings, shall be targeted.
- (d) Close cooperation with epidemiologists and ornithologists and the competent authority for nature conservation shall be ensured in the preparation of the surveillance programme, assisting in species identification and optimising sampling adapted to the national situation.

- Testing of samples shall be carried out at National Laboratories for avian influenza (NL) in Member States and at county sanitary veterinary and food safety laboratories and Bucharest sanitary veterinary and food safety laboratory under the control of the NRL.
- All results will be sent to the Community Reference Laboratory for Avian Influenza (CRL) for collation. A good flow of information must be ensured. The CRL shall provide technical support and keep an enlarged stock of diagnostic reagents. Antigens for use in the surveillance shall be supplied to NLs by the CRL to ensure uniformity.
- All avian influenza virus isolates of cases in wild birds shall be submitted to the CRL in accordance with Community legislation, unless a derogation according to paragraph 4 of Chapter V under Differential diagnosis in the avian influenza Diagnostic Manual laid down in Decision 2006/437/EC is granted. Viruses of H5/H7 subtype shall be submitted without delay and shall be subjected to the standard characterisation tests (nucleotide sequencing/IVPI) according to the said diagnostic manual.

(e) If the epidemiological situation for the HPAI H5N1 virus so requires, surveillance activities shall be enhanced by awareness raising and active searching and monitoring for dead or moribund wild birds, in particular for those belonging to TS.

f) that come in direct contact with the poultry holdings .

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

The objectives of the program have been achieved and there have been no technical difficulties.

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.

No comments.

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	Romania	216	182	30	5,356	HI test for H5	5,272
Laying Hens	Romania	0	0	0	0	HI test for H7	5,272
Chicken Breeders	Romania	43	40	30	1,139	HI test for H5	1,133
Chicken Breeders	Romania	0	0	0	0	HI test for H7	1,133
Fattening Turkeys	Romania	17	17	30	468	HI test for H5	468
Fattening Turkeys	Romania	0	0	0	0	HI test for H7	468
Farmed game birds (gallinaceous)	Romania	7	5	30	126	HI test for H5	111
Farmed game birds (gallinaceous)	Romania	0	0	0	0	HI test for H7	111
Farmed game birds (gallinaceous)	Romania	11	5	30	150	HI test for H5	135
Farmed game birds (gallinaceous)	Romania	0	0	0	0	HI test for H7	135
Ratites	Romania	4	1	30	60	HI test for H5	30
Ratites	Romania	0	0	0	0	HI test for H7	30
Backyard Flocks	Romania	696	622	30	18,534	HI test for H5	18,456
Backyard Flocks	Romania	0	0	0	0	HI test for H7	18,456
Backyard Flocks	Romania	0	0	0	0	PCR test	16
Backyard Flocks	Romania	0	0	0	0	Virus isolation test	33
Duck breeders	Romania	2	2	25	55	HI test for H5	55
Duck breeders	Romania	0	0	0	0	HI test for H5	55
Duck breeders	Romania	0	0	0	0	HI test for H7	55
Backyard Flocks	Romania	697	615	25	15,200	HI test for H5	15,076
Backyard Flocks	Romania	0	0	0	0	HI test for H5	15,076
Backyard Flocks	Romania	0	0	0	0	HI test for H7	15,076
Backyard Flocks	Romania	0	0	0	0	PCR test	20
Backyard Flocks	Romania	0	0	0	0	Virus isolation test	50
Total		1,693	1,489	260	41,088	Methods of laboratory analysis	Total number of tests
						Total - HI test for H5	55,867
						Total - HI test for H7	40,736
						Total - PCR test	36
						Total - Virus isolation test	83

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
Romania	248	243	0
Total	248	243	0

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	0
Nr of LPAI outbreaks	0	0

COMMENT / ADDITIONAL CLARIFICATION

No comments.