

About this dossier

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Eradication: Final report for Avian Influenza 2020

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).

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Reporting period

From: 2020

To: 2020

Year of implementation: 2020

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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.

The Avian Influenza Surveillance Programme was carried out according to planned and following the rules foreseen in Commission Decision 2010/367 on the implementation by Member States of surveillance programmes for avian influenza in poultry and wild birds. Surveillance in poultry was done according to point 2.2 of annex I of the previously mentioned decision - Surveillance based on a representative sampling. Regarding wild birds, rules set out in annex II were followed.

Sampling within the avian influenza surveillance program began in January 20120, both in poultry and in wild birds. During 2020 no avian influenza outbreaks were detected in Portugal.

1.1.1 - Poultry

Active surveillance:

In the scope of active surveillance, specific groups of holdings were selected considering the necessary distribution in the territory and tested accordingly.

A total of 324 sampling events were carried out and 3374 samples were analysed, all with negative results.

A total of 2670 ELISA tests were carried out in the following poultry categories: chicken breeders, laying hens, free range laying hens, free range/at heightened risk broilers, fattening turkeys, duck breeders and fattening ducks. Due to technical and practical constraints, game birds, both gallinaceous and waterfowl, ratites and backyard flocks were tested by RT-PCR and, therefore, no co-funding is requested for this testing. A total of 524 samples were tested by RT-PCR corresponding to 108 tests of pooled samples - maximum of 5 samples of same species and holding/pool.

In table A, the total number of holdings sampled corresponds to total number of sampling events; some holdings were sampled more than once, namely in the following categories: chicken breeders, laying hens, free range laying hens and fattening ducks. Also, regarding backyards' sampling, in Norte, 9 samples were collected in a single flock instead of the usual 5: 5 in chicken and 4 in ducks. This is why 16 samplings yielded 84 samples instead of 80. In Algarve 8 backyard flocks were sampled but some were mixed species and so the number of PCR tests is 11 and not 8.

1.1.2 - Wild birds

During the same period, 74 wild birds were tested by passive surveillance, totalizing 103 samples corresponding to 55 RT-PCR tests. All wild birds were negative and the distribution of sampling by region was the following:

Norte: 6 birds;

Centro: 7 birds;

Lisboa e Vale do Tejo: 10 birds;

Alentejo: 7 birds;

Algarve: 24 birds;

Açores: 20 birds.

All laboratory testing was carried out at the Instituto Nacional de Investigação Agrária e Veterinária (INIAV), which is the national reference laboratory for avian influenza. For practical and financial convenience, the samples for virological tests were, whenever possible, grouped into pools (maximum of five samples, always of the same species, date and epidemiological unit) and, therefore, the total number of virological tests carried out is lower than the total number of samples tested.

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

The sampling activities were negatively affected by public health restrictions due to the Covid-19 pandemic. Hence, several poultry sampling events foreseen in the programme were not done. Because of personnel and movement's restrictions, sampling efforts were focused on higher risk poultry categories: game birds, fattening ducks, fattening turkeys, free range laying hens and laying hens.

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.

According to the legal provisions, Portugal submitted the intermediate results of 2020 of surveillance for avian influenza, poultry and wild birds, via the Commission's online reporting system. Maps showing geographical distribution of poultry and wild birds sampling as well as higher risk areas are attached to this report. Please see "HIGHER-RISK-AREAS", "Poultry_Map_Mainland", "Poultry_Map_Islands", "WildBirds_Map_Mainland", "Wildbirds_Map_Islands".

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
Chicken breeders	PT11-Norte	7	7	10	70	ELISA test	70
Chicken breeders	PT17-Lisboa e Vale do Tejo	26	30	10	300	ELISA test	300
Chicken breeders	PT20-Açores	2	2	10	20	ELISA test	20
Chicken breeders	PT30-Madeira	1	2	10	20	ELISA test	20

Laying hens	PT11-Norte	11	10	10	100	ELISA test	100
Laying hens	PT16- Centro	76	15	10	150	ELISA test	150
Laying hens	PT17- Lisboa e Vale do Tejo	24	27	10	270	ELISA test	270
Laying hens	PT20-Açores	8	6	10	60	ELISA test	60
Laying hens	PT30-Madeira	2	4	10	40	ELISA test	40
Free range laying hens	PT11-Norte	1	2	10	20	ELISA test	20
Free range laying hens	PT16- Centro	21	19	10	190	ELISA test	190
Free range laying hens	PT17- Lisboa e Vale do Tejo	6	9	10	90	ELISA test	90
Free range laying hens	PT30-Madeira	2	3	10	30	ELISA test	30
Free range broilers	PT11-Norte	7	2	10	20	ELISA test	20
Free range broilers	PT16- Centro	182	23	10	230	ELISA test	230
Free range broilers	PT17- Lisboa e Vale do Tejo	20	5	10	50	ELISA test	50
Free range broilers	PT30-Madeira	1	1	10	10	ELISA test	10
Fattening turkeys	PT11-Norte	2	1	10	10	ELISA test	10
Fattening turkeys	PT16- Centro	44	10	10	100	ELISA test	100
Fattening turkeys	PT17- Lisboa e Vale do Tejo	84	38	10	380	ELISA test	380
Fattening turkeys	PT18-Alentejo	2	1	10	10	ELISA test	10
Fattening ducks	PT17- Lisboa e Vale do Tejo	12	30	20	600	ELISA test	600
Fattening ducks	PT18-Alentejo	1	1	20	20	ELISA test	20
Duck breeders	PT17- Lisboa e Vale do Tejo	2	3	20	60	ELISA test	60
Farmed game birds (gallinaceous)	PT11-Norte	12	12	10	120	PCR test	24
Farmed game birds (gallinaceous)	PT16- Centro	9	5	10	50	PCR test	10
Farmed game birds (gallinaceous)	PT17- Lisboa e Vale do Tejo	9	8	10	80	PCR test	16
Farmed game birds (gallinaceous)	PT15-Algarve	2	2	10	20	PCR test	4
Farmed game birds (gallinaceous)	PT30-Madeira	1	1	10	10	PCR test	2
Farmed game birds (waterfowl)	PT11-Norte	1	1	20	20	PCR test	4
Ratites	PT17- Lisboa e Vale do Tejo	3	3	5	15	PCR test	3
Backyard flocks (optional)	PT11-Norte	96,000	16	5	84	PCR test	17
Backyard flocks (optional)	PT17- Lisboa e Vale do Tejo	30,000	8	5	40	PCR test	8
Backyard flocks (optional)	PT18-Alentejo	26,500	3	5	15	PCR test	3
Backyard flocks (optional)	PT15-Algarve	9,500	8	5	40	PCR test	11
Backyard flocks (optional)	PT20-Açores	4,500	3	5	15	PCR test	3
Backyard flocks (optional)	PT30-Madeira	4,000	3	5	15	PCR test	3
Total		171,081	324	375	3,374	Methods of laboratory analysis	Total number of tests
						Total - ELISA test	2,850
						Total - PCR test	108

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
PT11-Norte	6	2	0
PT16-Centro	7	6	0
PT17-Lisboa e Vale do Tejo	10	6	0
PT18-Alentejo	7	4	0
PT15-Algarve	24	14	0
PT20-Açores	20	23	0
Total	74	55	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

3. FINANCIAL DATA - REIMBURSEMENT CLAIM

VERY IMPORTANT : for financial data, please report only the eligible costs incurred (VAT excluded) i.e. the measures (and their related costs) performed during the implementing year and paid from the State budget before the date of submission of this form. All costs shall be reported in Euro. If needed, the exchange rate(s) shall be detailed in the dedicated table below.

Costs related to	Eligible measures	Number of units	Total cost actually incurred	Ceiling per unit	Total cost after ceiling	Unit cost	Total	CFR (%)	Amount expected to be claimed
Sampling	Domestic animals sampled	3,374				2.22	7,490.28	75	5,617.71
Testing	ELISA test - poultry	2,730				3.56	9,718.8	75	7,289.1
Testing	HI-Test for H5	0				4.27	0	75	0
Testing	HI-Test for H7	0				4.27	0	75	0
Testing	Virus isolation test - wild birds	0				1.07	0	75	0
Testing	PCR test - wild birds	53				7.12	377.36	75	283.02
Total - Sampling		3,374					7,490.28		5,617.71
Total - Testing		2,783					10,096.16		7,572.12
Total - Amount claimed									13,189.83

Comment/additional clarification

Financial Report refers only payed testing

Attached files

File name	File description	File type	File size	Date updated
HIGHER-RISK-AREAS.pdf		binary/pdf	180 kB	2021/04/21
Poultry_Map_Mainland.pdf		binary/pdf	190 kB	2021/04/23
Poultry_Map_Islands.pdf		binary/pdf	104 kB	2021/04/23
WildBirds_Map_Mainland.pdf		binary/pdf	73.5 kB	2021/04/23
WildBirds_Map_Azores.pdf		binary/pdf	54 kB	2021/04/23