

**About this dossier**

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## Eradication: Interim report for Avian Influenza 2021

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.

ID: 20220404-DBCM5AW2

**Country code:** PT

### Reporting period

**From:** 2021

**To:** 2021

**Year of implementation:** 2021

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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 2021, both in poultry and in wild birds. During 2021, no avian influenza outbreaks were detected in Portugal through active surveillance in poultry or passive surveillance in wild birds. However, 3 HPAI outbreaks were detected through passive surveillance (early warning system) in domestic birds: 1 in a backyard flock and 2 in commercial holdings (fattening turkeys). These outbreaks are, therefore, excluded from this report since they will be considered for co-financing through emergency measures.

#### 1.1.1 - Poultry

##### Active surveillance:

In the scope of active surveillance, the specific groups of holdings were selected considering the necessary

distribution in the territory and tested accordingly.

A total of 507 sampling events were carried out on 359 poultry establishments and 5164 samples were analysed, all with negative results. A total of 4526 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 633 samples were tested by RT-PCR corresponding to 132 tests of pooled samples - maximum of 5 samples of same species and holding/pool.

#### 1.1.2 - Wild birds

During the same period, 64 wild birds were tested by passive surveillance, totaling 102 samples corresponding to 90 RT-PCR tests. All wild birds were negative and the distribution of sampling by region was the following:

Norte: 3 birds;

Centro: 5 birds;

Lisboa e Vale do Tejo: 4 birds;

Alentejo: 1 bird;

Algarve: 32 birds;

Açores: 19 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.

Programmes's activities were carried out as expected.

### 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.

Maps showing geographical distribution of poultry and wild birds sampling as well as higher risk areas are attached to this report.

## 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	6	4	20	80	ELISA test	80
Chicken breeders	PT16-Centro	41	20	20	390	ELISA test	390
Chicken breeders	PT17-Lisboa e Vale do Tejo	27	15	20	290	ELISA test	290
Chicken breeders	PT20-Açores	1	1	20	20	ELISA test	20
Chicken breeders	PT30-Madeira	1	1	20	16	ELISA test	16
Laying hens	PT11-Norte	10	5	20	100	ELISA test	100
Laying hens	PT16-Centro	72	30	20	600	ELISA test	600
Laying hens	PT17-Lisboa e Vale do Tejo	24	15	20	300	ELISA test	300
Laying hens	PT18-Alentejo	1	1	20	10	ELISA test	10
Laying hens	PT20-Açores	6	3	20	60	ELISA test	60
Laying hens	PT30-Madeira	3	2	20	50	ELISA test	50
Free range laying hens	PT11-Norte	3	4	20	40	ELISA test	40

Free range laying hens	PT16-Centro	25	25	20	500	ELISA test	500
Free range laying hens	PT17-Lisboa e Vale do Tejo	6	6	20	110	ELISA test	110
Free range laying hens	PT30-Madeira	2	1	20	30	ELISA test	30
Broilers (optional)	PT11-Norte	7	2	10	20	ELISA test	20
Broilers (optional)	PT16-Centro	188	42	10	420	ELISA test	420
Broilers (optional)	PT17-Lisboa e Vale do Tejo	21	8	10	80	ELISA test	80
Broilers (optional)	PT30-Madeira	1	1	10	10	ELISA test	10
Fattening turkeys	PT11-Norte	2	1	10	10	ELISA test	10
Fattening turkeys	PT16-Centro	40	19	10	190	ELISA test	190
Fattening turkeys	PT17-Lisboa e Vale do Tejo	87	38	10	410	ELISA test	410
Fattening turkeys	PT18-Alentejo	3	2	10	10	ELISA test	10
Fattening ducks	PT17-Lisboa e Vale do Tejo	14	14	60	660	ELISA test	660
Fattening ducks	PT18-Alentejo	1	1	60	40	ELISA test	40
Duck breeders	PT17-Lisboa e Vale do Tejo	2	2	20	80	ELISA test	80
Farmed game birds (gallinaceous)	PT11-Norte	12	11	10	110	PCR test	22
Farmed game birds (gallinaceous)	PT16-Centro	6	6	10	60	PCR test	12
Farmed game birds (gallinaceous)	PT17-Lisboa e Vale do Tejo	9	9	10	90	PCR test	18
Farmed game birds (gallinaceous)	PT18-Alentejo	3	3	10	10	PCR test	2
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	PT16-Centro	1	1	5	5	PCR test	1
Ratites	PT17-Lisboa e Vale do Tejo	2	2	5	10	PCR test	2
Backyard flocks (optional)	PT11-Norte	96,000	16	5	76	PCR test	16
Backyard flocks (optional)	PT16-Centro	66,500	15	5	75	PCR test	15
Backyard flocks (optional)	PT17-Lisboa e Vale do Tejo	30,000	8	5	30	PCR test	6
Backyard flocks (optional)	PT18-Alentejo	26,500	7	5	52	PCR test	13
Backyard flocks (optional)	PT15-Algarve	9,500	8	5	40	PCR test	9
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
<b>Total</b>		237,631	359	645	5,164	<b>Methods of laboratory analysis</b>	<b>Total number of tests</b>
						<b>Total - ELISA test</b>	4,526
						<b>Total - PCR test</b>	132

**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	3	1	0
PT16-Centro	5	6	0
Pt17-Lisboa e Vale do Tejo	4	4	0
PT18-Alentejo	1	1	0
PT15-Algarve	32	54	0
PT20-Açores	19	24	0
<b>Total</b>	64	90	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	5,164				1.91	9,863.24	75	7,397.43
Sampling	Wild birds sampled	64	0	10	0			75	0
Testing	ELISA test - poultry	4,446				3.57	15,872.22	75	11,904.17
Testing	HI-Test for H5	0				4.19	0	75	0
Testing	HI-Test for H7	0				4.19	0	75	0
Testing	Virus isolation test - wild birds	0				51.07	0	75	0
Testing	PCR test - wild birds	90				19.25	1,732.5	75	1,299.38
<b>Total - Sampling</b>		5,228	0		0		9,863.24		7,397.43
<b>Total - Testing</b>		4,536					17,604.72		13,203.54
<b>Total - Amount claimed</b>									20,600.97

#### Comment/additional clarification

#### Attached files

File name	File description	File type	File size	Date updated
Higher_risk_areas_map.pdf		binary/pdf	288 kB	2022/04/27
Poultry_sampling_Mainland_map.pdf		binary/pdf	296 kB	2022/04/27
Poultry_sampling_Azores_Madeira_map.pdf		binary/pdf	264 kB	2022/04/27
WildBirds_sampling_map.pdf		binary/pdf	264 kB	2022/04/27
declaração assinada_AI2021.pdf		binary/pdf	69.3 kB	2022/04/27