



EUROPEAN COMMISSION
HEALTH AND CONSUMERS DIRECTORATE-GENERAL

Director General

SANCO/10209/2014

*Programmes for the eradication, control and monitoring of certain
animal diseases and zoonoses*

Survey programme for Avian Influenza

Austria

Approved* for 2014 by Commission Decision 2013/722/EU

* in accordance with Council Decision 2009/470/EC

Standard requirements for the submission of surveillance programmes for avian influenza

version : 2.22



PROGRAMME for ERADICATION : ANNEX IV

Member States seeking a financial contribution from the Community for national programmes for the control and monitoring of avian influenza in poultry and wild birds shall submit applications containing at least the information set out in this form.

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Friday, August 23, 2013 09:52:10

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1. Identification of the programme

Member state : OSTERREICH

Disease : avian influenza in poultry and wild birds

Request of Union co-financing
for the period :

FROM

2014

TO

2014

1.1 Contact

Name : Mag. Verena Rücker, Dr. Eveline Wodak

Phone : +43 1 71100 4261, +43 50555 38230

Fax : +43 1 7134404 1714, +43 50555 38309

Email : verena.ruecker@bmg.gv.at

2. Description and implementation of the surveillance programme in poultry

2.1.1 Designation of the central authority in charge of supervising and coordinating the departments responsible for implementing the programme

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(max. 32000 chars) :

Under the supervision of the Federal Ministry of Health, the NRL is responsible on investigation, notification and reporting.

2.1.2 System in place for the registration of holdings

(max. 32000 chars) :

According to the Avian Influenza Regulation BGBl II No 309/2007, any person who keeps birds (exception: pet birds that are always kept inside, without direct or indirect contact to other birds) has to be officially registered at the first administrative level (district). Holdings upon 350 chicken/turkeys are also registered within the Poultry Health Data (PHD), a database provided by the QGV (Quality Poultry Association)

2.1.3 Design (risk based or surveillance based on representative sampling)

(max. 32000 chars) :

Das Programm wurde unter Berücksichtigung der nationalen Gegebenheiten nach den Vorgaben der BdK 2010/367/EU vom 25. Juni 2010 über die Durchführung der Programme zur Überwachung von Geflügel und Wildvögeln auf aviäre Influenza durch die Mitgliedstaaten erstellt. In Österreich wird eine Überwachung auf der Basis repräsentativer Probenahmen durchgeführt. Unter Berücksichtigung der epidemiologischen Gegebenheiten wird nach § 3 der Geflügelpestverordnung 2007, BGBl. II Nr. 309/2007, vom Bundesminister für Gesundheit ein Stichprobenplan für alle Bundesländer erstellt und in den „Amtlichen Veterinärnachrichten“ kundgemacht. Bei der Erstellung des Überwachungsprogrammes ist die Risikobewertung der AGES, die laufend aktualisiert wird, zu berücksichtigen. Die Koordination der Probenahmen und die Wahl der Untersuchungsmethode haben durch das nationale Referenzlabor zu erfolgen. Die Maßnahmen gemäß dem Stichprobenplan obliegen dem Landeshauptmann. Die Probenahmen sind von den amtlichen Tierärzten durchzuführen und alle Proben sind ausschließlich im nationalen Referenzlabor zu untersuchen. Dieses hält Kontakt mit dem Gemeinschaftlichen Referenzlabor (GRL) in Weybridge und ist verpflichtet, eventuelle positive H5 und H7 AI-Virusisolate an das GRL zu übermitteln. Die Koordination und die Durchführung dieses Programms wird vom österreichischen nationalen Referenzlabor für AI, zugehörig zur Österreichischen Agentur für Gesundheit und Ernährungssicherheit (AGES), Institut für veterinärmedizinische Untersuchungen Mödling, wahrgenommen. Die Untersuchung und Einsendung der Proben erfolgt nach den Vorgaben des Diagnosehandbuches für AI, das in den Amtlichen Veterinärnachrichten AVN - Nr. 5/2007 vom 18. Juni 2007 veröffentlicht

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wurde.

2.1.3.1 Short description of predominant poultry population and types of poultry production

(max. 32000 chars):

In the year 2012 the number of laying flocks with more than 350 animals was 2740, with 8.760.554 animals. The number of Broiler flocks was 3510 with 58.103.907 animals and there were 377 fattening turkey flocks with 2.464.348 animals altogether. There are more and more goose- and duck-holdings but most of them are backyard flocks.

2.1.3.2 Criteria and risk factors for risk based surveillance⁽¹⁾

(max. 32000 chars):

There is no special risk based surveillance programm in Austria at the moment

⁽¹⁾ Including maps showing target sampling sites identified as being particularly at risk for the introduction of avian influenza virus, taking into account criteria set out in point 4 of Annex I to Commission Decision 2010/367/EC.

2.2 Target populations ⁽²⁾

(max. 32000 chars):

As said in Commission Decision 2010/367/EU: Poultry: layers, free range layers, chicken breeders, fattening turkeys, fattening ducks, fattening geese, ratites

Wild birds: also according to § 4 of the avian influenza regulation BGBL. II/Nr.309/2007 every dead found waterbird or raptor must be sent to the NRL for AI

⁽²⁾ including MS specific exceptional circumstances as described in Annex I point 3 of Commission Decision 2010/367/EU)

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2.2.1 POULTRY HOLDINGS ^(a) (except ducks, geese and farmed game birds (waterfowl e.g. mallards) to be sampled

Serological investigation according to Annex I to Commission Decision 2010/367/EU

*In case of multiannual programme, please provide targets on annual basis.
If your targets differ between different implementation years please provide separate tables per year in attachment.*

Category : laying hens

delete this category

NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
11	22	2	10	20	ELISA test	X
12	229	24	10	240	ELISA test	X
21	44	4	10	40	ELISA test	X
22	213	19	10	190	ELISA test	X
31	147	8	10	80	ELISA test	X
32	26	2	10	20	ELISA test	X

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33	66	1	10	10	ELISA test	X
Total	747	60	70	600		
Add a new row						
<p>(a) Holdings or herds or flocks or establishments as appropriate.</p> <p>(b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested</p> <p>(c) Total number of holdings of one category of poultry in concerned NUTS 2 region.</p>						

In case of multiannual programme, please provide targets on annual basis.

If your targets differ between different implementation years please provide separate tables per year in attachment.

Category : free range laying hens

delete this category

NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
11	19	1	10	10	ELISA test	X
12	148	13	10	130	ELISA test	X
21	72	5	10	50	ELISA test	X
22	529	24	10	240	ELISA test	X
31	228	14	10	140	ELISA test	X

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32	32	1	10	10	ELISA test	X
33	50	1	10	10	ELISA test	X
34	31	1	10	10	ELISA test	X
Total	1 109	60	80	600		
Add a new row						
<p>(a) Holdings or herds or flocks or establishments as appropriate.</p> <p>(b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested</p> <p>(c) Total number of holdings of one category of poultry in concerned NUTS 2 region.</p>						

In case of multiannual programme, please provide targets on annual basis.

If your targets differ between different implementation years please provide separate tables per year in attachment.

Category : chicken breeders

delete this category

NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
12	11	8	10	80	ELISA test	X
21	3	3	10	30	ELISA test	X
22	42	22	10	220	ELISA test	X

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31	36	20	10	200	ELISA test	X
Total	92	53	40	530		
Add a new row						
<p>(a) Holdings or herds or flocks or establishments as appropriate.</p> <p>(b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested</p> <p>(c) Total number of holdings of one category of poultry in concerned NUTS 2 region.</p>						

In case of multiannual programme, please provide targets on annual basis.

If your targets differ between different implementation years please provide separate tables per year in attachment.

Category : fattening turkeys

delete this category

NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
11	25	8	10	80	ELISA test	X
12	46	24	10	240	ELISA test	X
21	20	8	10	80	ELISA test	X
22	21	4	10	40	ELISA test	X
31	31	9	10	90	ELISA test	X

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Total	143	53	50	530	
				Add a new row	
<p>(a) Holdings or herds or flocks or establishments as appropriate.</p> <p>(b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested</p> <p>(c) Total number of holdings of one category of poultry in concerned NUTS 2 region.</p>					

In case of multiannual programme, please provide targets on annual basis.
If your targets differ between different implementation years please provide separate tables per year in attachment.

Category : ratites

delete this category

NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
12	1	1	10	10	ELISA test	X
22	4	4	10	40	ELISA test	X
Total	5	5	20	50		
				Add a new row		
<p>(a) Holdings or herds or flocks or establishments as appropriate.</p> <p>(b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested</p> <p>(c) Total number of holdings of one category of poultry in concerned NUTS 2 region.</p>						

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Add a category

Total Poultry	2 096	231	260	2 310		

2.2.2 DUCKS, GEESE AND FARMED GAME BIRDS (WATERFOWL e.g. MALLARD) HOLDINGS (a) to be sampled.

Serological investigation according to Annex I to Commission Decision 2010/367/EU

*In case of multiannual programme, please provide targets on annual basis.
If your targets differ between different implementation years please provide separate tables per year in attachment.*

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Category : fattening ducks

delete this category

NUTS (2) (b)	Total number of duck and geese holdings	Total number of duck and geese holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
11	8	8	20	160	ELISA test	X
12	21	21	20	420	ELISA test	X
22	3	3	20	60	ELISA test	X
31	1	1	20	20	ELISA test	X
Total	33	33	80	660		

Add a new row

(a) Holdings or herds or flocks or establishments as appropriate.

(b) Refers to the location of the holding of origin. In case NUTS (2) code can not be used, region as defined in the programme by the Member State is requested

Category : fattening geese

delete this category

NUTS (2) (b)	Total number of duck and geese holdings	Total number of duck and geese holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
11	22	22	20	440	ELISA test	X

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12	4	4	20	80	ELISA test	X
21	2	2	20	40	ELISA test	X
22	15	15	20	300	ELISA test	X
31	2	2	20	40	ELISA test	X
Total	45	45	100	900		
Add a new row						

(a) Holdings or herds or flocks or establishments as appropriate.

(b) Refers to the location of the holding of origin. In case NUTS (2) code can not be used, region as defined in the programme by the Member State is requested

Add a category

Total Ducks and geese	78	78	180	1 560		

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Grand Total Poultry + Ducks/Geese	2 174	309	440	3 870		
Grand Total ELISA Poultry + Ducks/Geese				3 870		
Grand Total agar Poultry + Ducks/Geese				0		

2.3 Sampling procedures, sampling periods and frequency of testing

(max. 32000 chars) :

Birds are usually sampled at the abbatoire. Breeders, layers, turkeys and rataties are sampled during the whole year. Geese and ducks are sampled in autumn, at the end of the production period.

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2.4. Laboratory testing : description of the laboratory tests used and follow up investigations

Description of the used serological tests : (max 32000 chars)

Avian Influenza Antibody Test Kit IDEXX
Avian Influenza Multi-spezies IDEXX
HI-test for H5/H7

3. Description and implementation of the surveillance programme in wild birds

3.1.1 Designation of the central authority in charge of supervising and coordinating the departments responsible for implementing the programme and relevant collaborating partners (e.g. epidemiologists, ornithologists, nature bird observation and hunter organisations).

(max. 32000 chars) :

Under the supervision of the Federal Ministry of Health, the NRL is responsible on investigation, notification and reporting.
In case of suspicion of Avian Influenza in wild birds, all relevant collaborating partners are involved to contribute in the developement of necessary measures.

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3.1.2 Description and delimitation of the geographical and administrative areas in which the programme is to be applied

(max. 32000 chars) :

The programme covers the whole Austrian territory.

3.1.3 Estimation of the local and/or migratory wildlife population

(max. 32000 chars) :

Due to the fact that Austria is situated in the centre of the flight track for migratory birds from the south to the north and from the east to the north-west, a serious estimation is not possible.

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3.2 Design, criteria, risk factors and target population⁽³⁾

(max. 32000 chars) :

All waterbirds and raptors found dead have to be sent to the NRL for laboratory investigation. Furthermore, there are two big lakes in Austria which are resting places and destinations for a lot of migratory birds and breeding area for waterfowls. This is Lake Constance in the west and Neusiedler lake in the east of Austria. The local governments are aware of the higher risk due to the geographical situation. There is still a cross-border active surveillance project on Lake Constance, financed by the involved countries (Austria, Germany, Switzerland) themselves. The laboratory tests are performed by the Austrian NRL for AI.

⁽³⁾ Areas at risk (wetlands in particular where links with high density poultry populations), previous positive findings as referred to in point 2 of Part 1 of Annex II to Commission Decision 2010/367/EC should be taken into account and if possible complemented by a map.

3.2.1 WILD BIRDS focussed on target species

Investigations according to the surveillance programme set out in Part 2 of Annex II to Decision 2010/367/EC

In case of multiannual programme, please provide targets on annual basis.
If your targets differ between different implementation years please provide separate tables per year in attachment.

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NUTS (2) code/region (a)	Wild birds to be sampled (b)	Total number of birds to be sampled	Estimated total number of samples to be taken for active surveillance (c)	Estimated total number of samples to be taken for passive surveillance	
11	250	250	150	100	X
34	250	250	150	100	X
12, 21, 22, 23, 31, 32, 33	100	100	0	100	X
Total	600	600	300	300	
Add a new row					

(a) Refers to the place of collection of birds/samples. In case NUTS 2 (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member State is requested. Please fill-in these values directly in the field.

(b) General description of the wild birds are intended to be sampled in the framework of the active and passive surveillance.

(c) Voluntary, to be included for information purposes, not eligible for cofinancing.

3.3 Sampling procedures and sampling periods

max 32000 chars :

The dead birds are sent to the NRL institute and organ samples as trachea, lung, brain, liver, intestine, kidney and pancreas are pooled and analysed for Avian Influenza Viruses. When several dead birds are sent simultaneously, pre-screening of cloacal/tracheal swabs will proceed, then positive and suspicious samples will be analysed in the organs to improve sensitivity. The sampling period is all over the year with focus in spring and autumn.

3.4 Laboratory testing : description of the laboratory tests used

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max 32000 chars :

RNA Extraction of swabs with either QIAmp Viral RNA Mini Kit (Qiagen) or Nucleospin Viral Kit (Macherey & Nagel); RNA Extraction of organ samples with RNeasy Kit (Qiagen) or Nucleospin RNA Tissue Kit (Macherey & Nagel); Prescreening of samples using real-time RT-PCR for the Matrix Protein of Influenza A Virus. Confirmation of positive samples using H5 and H7, N1 real-time RT-PCR (all are protocols recommended by the CRL in Weybridge, Diagnostic manual). H5 or H7 positive samples are pathotyped by classical RT-PCR and sequencing of the HA protein at the cleavage site.

4. Description of the epidemiological situation of the disease in poultry during the last five years

max 32000 chars :

Austria has been free of disease in poultry during the last 5 years.

5. Description of the epidemiological situation of the disease in wild birds during the last five years

(max. 32000 chars) :

Austria has been free of disease in wild birds during the last 5 years.

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6. Measures in place as regards the notification of the disease

(max. 32000 chars) :

The Federal Ministry of Health gives regular information on the epidemiological situation within Austria and the other memberstates to lokal authorities and stakeholders, to keep them sensible.

Supporting legal acts are:

Avian Influenza Regulation BGBl. II No.309/2007

HPAI-Wild Bird-Avian Influenza Regulation BGBl. II No. 404/2006

Emergency plan for the eradication of Avian Infuenza in Austria, GZ 74700/0020-II/B/6/2008, version 2008.

7. Costs

7.1 Detailed analysis of the costs

7.1.1 Poultry

(max. 32000 chars) :

See 7.2.1

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7.1.2 Wild birds

(max. 32000 chars) :

See 7.2.2

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7.2 Summary of the annual costs : 2014

7.2.1 Poultry surveillance

Detailed analysis of the cost of the programme - poultry

*In case of multiannual programme, please provide estimations on annual basis.
If your cost estimations differ between different implementation years please provide separate tables per year in attachment.*

Laboratory testing			
Methods of laboratory analysis	Number of tests	Unitary test cost (per method) in €	Total cost (€)
ELISA test	3 870	6	23220
agar gel immune diffusion test	0	0	0
Haemagglutination-inhibition-test (HI) for H5 (specify number of tests for H5)	30	6	180
Haemagglutination-inhibition-test (HI) for H7 (specify number of tests for H7)	30	6	180
Virus isolation test	0	0	0
PCR test	0	0	0

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Other please specify here	0	0	0	
			Add a new row	
Sampling				
	Number of samples	Unitary cost in €	Total cost (€)	
Samples	3 870	1	3 870	
Other measures				
	Number of samples	Unitary cost in €	Total cost (€)	
Other please specify here	0	0	0	X
			Add a new row	
Total poultry Testing + Sampling + Other measures	7 800		27 450,00 €	

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7.2.2 Wild bird surveillance

Detail analysis of the cost of the programme - wild birds

Laboratory testing			
Methods of laboratory analysis	Number of tests	Unitary test cost (per method) in €	Total cost (€)
Virus isolation test	20	45	900
PCR test	600	43	25800
Other please specify here	0	0	0
			Add a new row
Sampling			
	Number of samples	Unitary cost in €	Total cost (€)
Samples	600	5	3000
Other measures			

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	Number	Unitary cost in €	Total cost (€)	
Other please specify here	0	0	0	X
			Add a new row	
Total wild birds Testing + Sampling + Other measures	1220		29 700,00 €	
Grand Total Poultry + Wild birds	9020		57 150,00 €	

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Attachments

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- 1) The more files you attach, the longer it takes to upload them .
- 2) This attachment files should have one of the format listed here : [jpg](#), [jpeg](#), [tiff](#), [tif](#), [xls](#), [doc](#), [bmp](#), [pna](#), [pdf](#).
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