



EUROPEAN COMMISSION  
HEALTH & CONSUMERS DIRECTORATE-GENERAL  
Unit 04 - Veterinary Control Programmes

SANCO/3883/2008

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

## **Survey programme for Avian Influenza in poultry and wild birds**

**Approved\* for 2009 by Commission Decision 2008/897/EC**

**Romania**

\* in accordance with Commission Decision 90/424/EEC



# ROMANIAN SURVEILLANCE PROGRAM FOR AVIAN INFLUENZA IN POULTRY AND WILD BIRDS IN 2009

## I. Identification of the programme

Member State: **ROMANIA**

Disease: **AVIAN INFLUENZA**

Year of implementation: **2009**

Reference of this document: no. **2577/23.04.2008**

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Date of sent to the Commission: **30.04.2008**

## II. Description of the surveillance programme in poultry

1. The surveillance program for Avian Influenza in poultry and wild birds are carried out in accordance with the provisions of Article 4(10) and Annexes I, II of Directive 2005/94/EC, and in compliance with the guidelines set out in Annexes I and II to this Decision.
2. The AI surveillance programme will be performed during 2009, as well as in 2008, in poultry from commercial and noncommercial holdings, from throughout the country and in wild birds especially from the target localities.
3. All positive findings will be retrospectively investigated at the holding, and the conclusions of these investigations will be reported to the European Commission and the CRL.
4. Specific protocols that will accompany the sending of material to the CRL and the reporting tables for collection of surveillance data will be provided by the Community Reference Laboratory (CRL). In those tables the laboratory testing methods used will be indicated. The tables provided will be used to submit results in a single document.
5. Blood samples for serological examination will be collected from all species of poultry including those reared in free-range systems, from at least 5 to 10 birds (except ducks geese and quail) per holding, and from the different sheds, if more than one shed

is present on a holding. In case of several sheds the sample size per holding should be increased appropriately. It is recommended to take at least 5 birds per shed.

6. Sampling are stratified throughout the territory of Romania, so that samples can be considered as representative for the whole territory, taking into account:
  - (a) the number of holdings to be sampled (excluding ducks, geese and turkeys) is defined so as to ensure the identification of at least one infected holding if the prevalence of infected holdings is at least 5%, with a 95% confidence interval, and
  - (b) the number of birds sampled from each holding is defined so as to ensure 95% probability of identifying at least one positive bird if the prevalence of sera-positive birds is  $\geq 30\%$ .
7. Based on a risk assessment and the specific situation concerning Romania, the sampling design also considered:
  - (a) The types of production specific for Romania, and their specific risks: commercial farms positioned in areas that are the biotope of wild birds, backyard flocks where poultry are keeping outdoor, the vicinity with wetlands, the vicinity with water sources, lakes and pools, the presence of more than one species on the holding or other relevant factors;
  - (b) The number of turkey, duck and geese from commercial or non-commercial holdings to be sampled will be defined to ensure the identification of at least one infected holding if the prevalence of infected holdings is at least 5%, with a 99% confidence interval (see table 2).
  - (c) Where holdings producing game, raptors and quails are present, they shall be included in the programme. With regard to quails only adult (or laying) breeders shall be sampled.
  - (d) The sample will be harvested in the seasonal production, for the commercial farms, and during the entire year, for backyards. However, where appropriate, sampling can be adapted to other identified periods at local level, during which time the presence of other poultry hosts on a holding might pose a greater risk for disease introduction (e.g. in the Danube Delta area, along Danube River and in the neighbourhood of pools and lakes that are biotopes for wild birds).
  - (e) Surveillance will be obligatory extended to backyards flocks, their number being significant for Romania.
  - (f) Member States that must carry out sampling for Newcastle disease to maintain their status as 'Newcastle disease non-vaccinating countries in accordance with Commission Decision 94/327/EC' may utilise these samples from breeding flocks for the surveillance of H5/17 antibodies.

## 2.1

### Objectives, general requirements and criteria

- the detecting of sub-clinical infections with LPAI of subtypes H5 and H7 in specifically targeted populations at specific risk for infection due to their husbandry system or the susceptibility of specific species;
- the detecting of infections of LPAI H5 and H7 subtypes in specifically targeted populations at specific risk for infection due to their husbandry system or the susceptibility of specific species;
- contributing to the demonstration of a free status of a certain country, region or compartment from notifiable Avian Influenza in the frame of international trade according to OIE rules.
- Sampling shall not extend beyond 31 December of the year 2009.  
For poultry, sampling shall cover a period appropriate to production periods of each poultry category, as required.
- In order to save resources, samples collected for other purposes are recommended to be used, also, in Avian Influenza surveillance purposes.
- Testing of samples will be carried out at the Institute for Diagnosis and Animal Health, National Reference Laboratory for avian influenza and Newcastle disease (NRL) in Romania or by other laboratories authorised by the competent authorities and under the control of the NRL;
- All positive results (both serological and virological) shall be sent to the Community Reference Laboratory for Avian Influenza (CRL) for collation, as provided by the Commission Decision 2006/437/CE which approve the Diagnostic Manual for Avian Influenza according to Directive 2005/94/CEE;
- A good flow of information must be ensured. The CRL shall provide technical support and keep an enlarged stock of diagnostic reagents.
- All avian influenza virus isolates shall be submitted to the CRL in accordance with Community legislation, unless a derogation according to paragraph 4 of Chapter V (Differential diagnosis) in the diagnostic manual laid down in Decision 2006/437/EC<sup>2</sup> is granted.
- **Virus isolates of H5/H7 subtype shall be submitted without delay to the CRL where shall be subjected to the standard characterisation tests (nucleotide sequencing/IVPI) according to that Diagnostic Manual.**
- Whenever possible, NRL shall submit to the CRL, H5 or H7 positive sera collected from Anseriformes in order that an archive be established to facilitate future test development.

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<sup>2</sup> OJ L 237, 31.8.2006, p.1

**Specific requirements for detection of infections with H5N17 subtypes of avian influenza in ducks, geese and quails**

1. Blood samples for serological testing shall be taken preferably from birds which are kept outside in fields or from birds kept in backyard holdings.
2. From each selected commercial holding 40-50 blood samples shall be taken for serological testing. From each selected locality with ducks, geese and quails, also 40-50 samples will be sampled.
3. In case that commercial flocks are not present, or their representation is not significant for that country, surveillance will be carried out on backyard flocks.

**2.2 Design and implementation:**

Will be sampled poultry from the commercial holdings, and poultry from noncommercial holdings. All category of poultry from commercial holdings (except turkey, duck and goose holdings, which will be sampled specially) will be sampled respecting the indication herein after:

Table 1: Number of holdings to be sampled of each poultry category (except turkey, duck and goose holdings)

Number of holdings per poultry category per member state	Number of holdings to be sampled
Up to 34	All
35 - 50	35
51 - 80	42
81 - 250	53
> 250	60

Also, the backyard holdings will be sampled, accordingly with the specific requirements for detection of infections with H5/117 subtypes of avian influenza in poultry, so that samples can be considered as representative for the whole territory.

**In Romania there are 162 laying hen commercial holdings, 242 commercial farms of broilers, 5 farms of ratites, 8 of pheasants, 9 of quails, 4 holdings of turkeys and 4 commercial farms of palmipedes.**

**A. GALINACEAS AND RATTES - COMMERCIAL AND NONCOMMERCIAL HOLDINGS**

**Table 2.2.1 POULTRY HOLDINGS <sup>(1)</sup> (except ducks and geese) TO BE SAMPLED**

**Serological investigation according to point B of Annex I to Commission Decision 2007/.../EC<sup>1</sup> on holdings of broilers**

**(ONLY WHEN AT RISK)**

NUT (2) code <sup>(6)</sup>	Total number of holdings <sup>(4)</sup>	Total number of holdings to be sampled <sup>(4)</sup>	Total number of sheds per holding to be sampled <sup>(5)</sup>	Number of samples per holding <sup>(6)</sup>	Total number of tests to be performed per method	Methods of laboratory analysis.
RO121 AB	12	3	33	330	660	Haemagglutination inhibition tests for H5 and H7
RO421 AR	3	1	1	10	20	Haemagglutination inhibition tests for H5 and H7
RO311 AG	5	3	22	220	440	Haemagglutination inhibition tests for H5 and H7
RO211 BC	8	4	25	250	500	Haemagglutination inhibition tests for H5 and H7

<sup>1</sup> Reference to the present Decision

- (4) Holdings equal farms
- (5) Refers to the location of the holding of origin. <sup>1</sup>
- (6a) Total number of holdings of poultry from county
- (6b) Number of holdings of poultry from risk zones
- (6c) Number of sheds from risk zones
- (6d) Number of samples from holdings (mentioned on sheets)



RO111 BH	7	3	22	220	440	Haemagglutination inhibition tests for H5 and H7
RO112 BN	3	1	2	20	40	Haemagglutination inhibition tests for H5 and H7
RO212 BT	7	3	22	220	440	Haemagglutination inhibition tests for H5 and H7
RO221 BR	0	0	0	0	0	
RO122 BV	12	8	138	1380	2760	Haemagglutination inhibition tests for H5 and H7
RO321 BUC	0	0	0	0	0	
RO222 BZ	11	5	20	200	400	Haemagglutination inhibition tests for H5 and H7
RO312 CL	19	10	70	700	1400	Haemagglutination inhibition tests for H5 and H7
RO422 CS	3	1	12	120	240	Haemagglutination inhibition tests for H5 and H7
RO113 CJ	14	7	21	210	420	Haemagglutination inhibition tests for H5 and H7

RO223	4	2	10	100	200	Haemagglutination inhibition tests for H5 and H7
CT						
RO123	1	1	2	20	40	Haemagglutination inhibition tests for H5 and H7
CV						
RO313	12	7	21	210	420	Haemagglutination inhibition tests for H5 and H7
DB						
RO411	5	3	15	150	300	Haemagglutination inhibition tests for H5 and H7
DJ						
RO224	1	1	2	20	40	Haemagglutination inhibition tests for H5 and H7
GL						
RO314	7	4	50	500	1000	Haemagglutination inhibition tests for H5 and H7
GR						
RO412	3	1	12	120	240	Haemagglutination inhibition tests for H5 and H7
GJ						
RO324	1	1	2	20	40	Haemagglutination inhibition tests for H5 and H7
HR						
RO423	2	1	32	320	640	Haemagglutination inhibition tests for H5 and H7
HD						
RO315	15	7	22	220	440	Haemagglutination inhibition tests for H5 and H7
IL						

RO213	14	6	18	180	360	Haemagglutination inhibition tests for H5 and H7
IS						
RO322	4	2	10	100	200	Haemagglutination inhibition tests for H5 and H7
JF						
RO114	7	3	26	260	520	Haemagglutination inhibition tests for H5 and H7
MM						
RO413	0	0	0	0	0	
MII						
RO125	1	1	3	30	60	Haemagglutination inhibition tests for H5 and H7
MS						
RO214	1	1	3	30	60	
NI						
RO114	3	2	10	100	200	Haemagglutination inhibition tests for H5 and H7
OI						
RO316	14	7	49	490	980	Haemagglutination inhibition tests for H5 and H7
PH						
RO116	3	1	11	110	220	Haemagglutination inhibition tests for H5 and H7
SJ						
RO115	9	4	16	160	320	Haemagglutination inhibition tests for H5 and H7
SM						

RO126	3	2	8	80	160	Haemagglutination inhibition tests for H5 and H7
SB						
RO215	3	1	4	40	80	Haemagglutination inhibition tests for H5 and H7
SV						
RO317	3	2	10	100	200	Haemagglutination inhibition tests for H5 and H7
TR						
RO424	4	2	10	100	200	Haemagglutination inhibition tests for H5 and H7
TM						
RO225	0	0	0	0	0	
TL						
RO415	11	7	28	280	560	Haemagglutination inhibition tests for H5 and H7
VS						
RO216	4	3	12	120	240	Haemagglutination inhibition tests for H5 and H7
VI						
RO226	6	3	12	120	240	Haemagglutination inhibition tests for H5 and H7
VN						
Total	242	124	786	7860	15 720*	

The total number of broiler holdings in the whole country is 242. Total number of holdings to be sampled is 124

\* samples number x 2 tests/sample/method (HA and HI for H5/H7)

Table 2.2.2 LAYING HEN HOLDINGS<sup>(a)</sup> (except ducks and geese) TO BE SAMPLED

Serological investigation according to point B of Annex I to Commission Decision 2007/1.../EC<sup>2</sup> on holdings of laying hens

NDT (2) code <sup>(b)</sup>	Total number of holdings <sup>(c)</sup>	Total number of holdings to be sampled <sup>(d)</sup>	Total number of sheds per holding to be sampled <sup>(e)</sup>	Number of samples per holding <sup>(f)</sup>	Total number of tests to be performed per method	Methods of laboratory analysis.
RO121 - 6 AB	3	5	50	100	Haemagglutination inhibition tests for H5 and H7	
RO421 - 2 AR	1	3	30	60	Haemagglutination inhibition tests for H5 and H7	
RO311 - 4 AG	2	6	60	120	Haemagglutination inhibition tests for H5 and H7	
RO211 - 3 BC	2	6	60	120	Haemagglutination inhibition tests for H5 and H7	

<sup>2</sup> Reference to the present Decision

- (a) 1 holding equal farms
- (b) Refers to the location of the holding of origin.
- (c) Total number of holdings from county
- (d) Number of holdings from risk zones
- (e) Number of sheds from risk zone holdings
- (f) Number of samples from holdings (counted on sheds)

RO111	5	3	9	90	180	Haemagglutination inhibition tests for H5 and H7
BH						
RO112	5	3	9	90	180	Haemagglutination inhibition tests for H5 and H7
BN						
RO112	1	1	3	30	60	Haemagglutination inhibition tests for H5 and H7
BT						
RO221	3	3	30	300	600	Haemagglutination inhibition tests for H5 and H7
BR						
RO122	3	3	9	90	180	Haemagglutination inhibition tests for H5 and H7
BV						
RO321	0	0	0	0	0	
BLC						
RO222	3	1	3	30	60	Haemagglutination inhibition tests for H5 and H7
BZ						
RO312	3	2	10	100	200	Haemagglutination inhibition tests for H5 and H7
CL						
RO422	1	1	3	30	90	Haemagglutination inhibition tests for H5 and H7
CS						
RO113	10	5	15	150	300	Haemagglutination inhibition tests for H5 and H7
CJ						

RO223	2	2	10	100	200	Haemagglutination inhibition tests for H5 and H7
CT						
RO123	2	1	5	50	100	Haemagglutination inhibition tests for H5 and H7
CV						
RO313	4	2	8	80	160	Haemagglutination inhibition tests for H5 and H7
DB						
RO411	0	0	0	0	0	
DJ						
RO224	9	5	20	200	400	Haemagglutination inhibition tests for H5 and H7
GL						
RO314	3	2	10	100	200	Haemagglutination inhibition tests for H5 and H7
GR						
RO412	1	0	0	0	0	
GJ						
RO124	2	1	2	20	40	Haemagglutination inhibition tests for H5 and H7
HR						
RO423	5	2	10	100	200	Haemagglutination inhibition tests for H5 and H7
HD						
RO315	4	2	14	140	280	Haemagglutination inhibition tests for H5 and H7
IL						

RO213	2	1	5	50	100	Haemagglutination inhibition tests for H5 and H7
IS			-			
RO322	2	2	6	60	120	Haemagglutination inhibition tests for H5 and H7
JP						
RO114	13	7	21	210	420	Haemagglutination inhibition tests for H5 and H7
MM						
RO413	1	1	5	50	100	Haemagglutination inhibition tests for H5 and H7
MH						
RO125	11	6	12	120	240	Haemagglutination inhibition tests for H5 and H7
MS						
RO214	4	1	4	40	80	Haemagglutination inhibition tests for H5 and H7
NT						
RO414	4	2	6	60	120	Haemagglutination inhibition tests for H5 and H7
OT						
RO316	0	0	0	0	0	
PH						
RO116	5	2	6	60	120	Haemagglutination inhibition tests for H5 and H7
SJ						
RO115	8	3	9	90	180	Haemagglutination inhibition tests for H5 and H7
SM						



RO126	6	3	12	120	240	Haemagglutination inhibition tests for H5 and H7
SB						
RO215	1	1	2	20	40	Haemagglutination inhibition tests for H5 and H7
SV						
RO317	4	2	10	100	200	Haemagglutination inhibition tests for H5 and H7
TR						
RO424	10	5	20	200	400	Haemagglutination inhibition tests for H5 and H7
IM						
RO225	0	0	0	0	0	
TL						
RO415	6	3	12	120	240	Haemagglutination inhibition tests for H5 and H7
VS						
RO216	2	2	4	40	80	Haemagglutination inhibition tests for H5 and H7
VL						
RO226	2	1	4	40	80	Haemagglutination inhibition tests for H5 and H7
VN						
Total	162	89	328	3280	6560*	
Total						

The total number of laying hens holdings in the whole country is 162. Total number of holdings to be sampled is 89

\* samples number x 2 tests/sample/method (HA and HI for H5/H7)

**Table 2.2.3 TURKEY HOLDINGS (9) TO BE SAMPLED**

Scrological investigation according to point B of Annex I to Commission Decision 2007/11.../EC<sup>3</sup> on holdings of turkeys

(ONLY WHEN AT RISK)

NEUT (2) code <sup>(6)</sup>	Total number of holdings <sup>(9)</sup>	Total number of holdings to be sampled	Total number of studs per holding to be sampled	Number of samples per holding	Total number of tests to be performed per method	Methods of laboratory analysis
RO211	1	1	12	120	240	Haemagglutination inhibition tests for H5 and H7
RO122	1	1	3	30	60	Haemagglutination inhibition tests for H5 and H7
RO223	1	1	4	40	80	Haemagglutination inhibition tests for H5 and H7
RO411	1	1	1	10	20	Haemagglutination inhibition tests for H5 and H7
DJ1						
<b>Total</b>	<b>4</b>	<b>4</b>	<b>20</b>	<b>200</b>	<b>400*</b>	

<sup>5</sup> Reference to the present Decision

- (a) Holdings equal farms  
 (b) Refers to the location of the holding of origin <sup>3</sup>  
 (c) Total number of holdings from county  
 (d) Number of holdings from risk zones  
 (e) Number of sheds from risk zone holdings  
 (f) Number of samples from holdings (counted on sheds)

- samples number x 2 tests/sample/method (HA and HI for H5/H7)

**Table 2.2.4 PHEASANT, QUAIL AND RATITE HOLDINGS<sup>(5)</sup> (except ducks and geese) TO BE SAMPLED**

**Serological investigation according to point B of Annex I\* to Commission Decision 2007/.../EC<sup>4</sup> on holdings of pheasants and ratites**

NUT code <sup>(6)</sup>	Total number of holdings <sup>(7)</sup>	Total number of holdings to be sampled	Number of samples per holding	Total number of tests to be performed per method	Methods of laboratory analysis.
RO311	2 rabbits	4	100	200	Haemagglutination inhibition tests for H5 and H7
AG	1 quail 1 pheasant				
RO223	1 quail				
CJ		1	20	40	Haemagglutination inhibition tests for H5 and H7
RO314	1 ratite	3	100	200	Haemagglutination inhibition tests for H5 and H7
GR	1 quail 1 pheasant				
RO322	2 quails	2	100	220	Haemagglutination inhibition tests for H5 and H7
UF	1 pheasant	1	10		

RO 221	2 quails	2	100	200	Haemagglutination inhibition tests for H5 and H7
BR					
RO 213	2 pheasants	2	60	120	Haemagglutination inhibition tests for H5 and H7
IS					
RO414	1 quail	1	30	60	Haemagglutination inhibition tests for H5 and H7
OT					
RO316	1 pheasant	1	50	100	Haemagglutination inhibition tests for H5 and H7
H1					
RO126	1 rattrie	2	50	100	Haemagglutination inhibition tests for H5 and H7
SB	1 quail				
RO226	1 rattrie	2	50	100	Haemagglutination inhibition tests for H5 and H7
VN	1 pheasant				
RO413	1 pheasant	1	30	60	Haemagglutination inhibition tests for H5 and H7
MM					
<b>Total</b>	<b>22</b>	<b>22</b>	<b>700</b>	<b>1400*</b>	

\* samples number x 2 tests/sample/method (HA and HI for H5/H7)

- (a) Holdings: equal birds, flocks or establishments as appropriate  
 (b) Refers to the location of the holding of origin  
 (c) Total number of holdings of one category of poultry in concerned AZNS region.

Table 2.2.5 BACKYARD FLOCKS<sup>(a)</sup> (except ducks and geese) TO BE SAMPLED

Serological investigation according to point B of Annex I\* to Commission Decision 2007/1.../EC<sup>5</sup> on backyard flocks

ONLY FROM THE RISK AREAS 11537

NUT (2) code (b)	Total number of localities <sup>2</sup>	Total number of localities <sup>3</sup> to be sampled	Number of samples per locality <sup>4</sup>	Total number of tests to be performed per method	Methods of laboratory analysis.
RO121 AB	5	1	25	50	Haemagglutination inhibition tests for H5 and H7
RO421 AR	12	1	25	50	Haemagglutination inhibition tests for H5 and H7
RO511 AG	10	1	25	50	Haemagglutination inhibition tests for H5 and H7
RO211 BC	12	1	25	50	Haemagglutination inhibition tests for H5 and H7

<sup>2</sup> A locality was considered to be equal with a holding

<sup>3</sup> Every holding is considered to have 5 shelters

<sup>4</sup> For every shelter will be sampled and tested 5 samples

RO111	6	1	25	50	Haemagglutination inhibition tests for H5 and H7
BH					
RO112	5	1	25	50	Haemagglutination inhibition tests for H5 and H7
BN					
RO212	23	2	50	100	Haemagglutination inhibition tests for H5 and H7
B7					
RO221	13	2	50	100	Haemagglutination inhibition tests for H5 and H7
B1R					
RO122	24	3	75	150	Haemagglutination inhibition tests for H5 and H7
BV					
RO321	1	0	0	0	
BUC					
RO222	28	3	75	150	Haemagglutination inhibition tests for H5 and H7
BZ					
RO312	30	5	125	250	Haemagglutination inhibition tests for H5 and H7
CL					
RO422	23	2	50	100	Haemagglutination inhibition tests for H5 and H7
CS					
RO113	7	1	25	50	Haemagglutination inhibition tests for H5 and H7
CI					

RO223 CT	82	10	250	500	Haemagglutination inhibition tests for H5 and H7
RO123 CV	7	1	25	50	Haemagglutination inhibition tests for H5 and H7
RO313 DB	17	4	100	200	Haemagglutination inhibition tests for H5 and H7
RO411 DJ	36	5	125	250	Haemagglutination inhibition tests for H5 and H7
RO224 GL	10	1	25	50	Haemagglutination inhibition tests for H5 and H7
RO314 GR	50	6	150	300	Haemagglutination inhibition tests for H5 and H7
RO412 GJ	5	1	25	50	Haemagglutination inhibition tests for H5 and H7
RO124 HR	6	1	25	50	Haemagglutination inhibition tests for H5 and H7
RO423 HD	7	1	25	50	Haemagglutination inhibition tests for H5 and H7

RO315 IL	33	5	125	250	Haemagglutination inhibition tests for H5 and H7
RO213 IS	29	3	75	150	Haemagglutination inhibition tests for H5 and H7
RO322 JF	38	5	125	250	Haemagglutination inhibition tests for H5 and H7
RO114 MM	5	0	0	0	
RO413 M13	17	4	100	200	Haemagglutination inhibition tests for H5 and H7
RO125 MS	10	1	25	50	Haemagglutination inhibition tests for H5 and H7
RO214 M1	10	1	25	50	Haemagglutination inhibition tests for H5 and H7
RO414 OT	35	5	125	250	Haemagglutination inhibition tests for H5 and H7
RO316 P11	17	4	100	200	Haemagglutination inhibition tests for H5 and H7
RO116 SI	10	1	25	50	Haemagglutination inhibition tests for H5 and H7



RO115 SM	13	1	25	50	Haemagglutination inhibition tests for H5 and H7
RO126 SB	8	1	25	50	Haemagglutination inhibition tests for H5 and H7
RO215 SV	12	2	50	100	Haemagglutination inhibition tests for H5 and H7
RO317 TR	10	2	50	100	Haemagglutination inhibition tests for H5 and H7
RO424 TM	13	2	50	100	Haemagglutination inhibition tests for H5 and H7
RO225 TL	50	7	175	350	Haemagglutination inhibition tests for H5 and H7
RO415 VS	14	2	50	100	Haemagglutination inhibition tests for H5 and H7
RO216 VL	21	5	125	250	Haemagglutination inhibition tests for H5 and H7
RO226 VN	25	5	125	250	Haemagglutination inhibition tests for H5 and H7
Total	789 localities	110	2750	5500*	

\* samples number x 2 tests/sample/method (H5A and H7 for H5/H7)

- (b) Refers to the location of the holding of origin <sup>2</sup>  
 (c) Total number of holdings of one category of poultry in concerned AUV's region.

**B. Surveillance in ducks and geese**

In Romania there are 4 commercial holdings of palmipedes; will be sampled all, in accordance with the table below:  
 Also, there are 4 785071 palmipedes in noncommercial holdings, which will be sampled 27 381.

Number of holdings per Member State	Number of holdings to be sampled
Up to 46	All
47-60	47
61-100	59
101-350	80
>350	90

**Serological investigation in commercial Farms**

Table 2.2.6. DUCK AND GOSE COMMERCIAL HOLDINGS TO BE SAMPLED\* <sup>(3)</sup> according to point C of Annex I to Decision 2007/1001/EC <sup>4</sup>

\* Reference to the present Decision

NUT (2) code <sup>(b)</sup>	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 to be performed per method	Methods of laboratory analysis.
RO222 BZ	2	2	50	100	Haemagglutination inhibition tests for H5 and H7
RO312 CL	1	1	50	100	Haemagglutination inhibition tests for H5 and H7
RO225 TL	1	1	50	100	Haemagglutination inhibition tests for H5 and H7
Total	4	4	150	300*	Haemagglutination inhibition tests for H5 and H7

(a) Holdings equal herds. Flocks or establishments as appropriate

(b) Refers to the location of the holding of origin. In case Nuts 2 code can not be used, coordinates (longitude) are required

(c) Total number of holdings of one category of poultry in concerned ADNS region.

\* samples number x 2 tests/sample/method (H5 and H7 for H5/H7)

Table 2.2.7 DUCK AND GOOSE NONCOMMERCIAL HOLDINGS TO BE SAMPLED\* (a) according to point C of Annex I to Decision 2007/1.../EC.

Serological investigation in flocks of duck and geese in noncommercial holdings

NUF (2) code <sup>101</sup>	Total number of ducks and geese	Total number of ducks and geese to be sampled (confidence 95% and prevalence 5% )	Number of samples per county	Total number of tests to be performed per method	Methods of laboratory analysis
RO121 A13	226 683	177	177	354	Haemagglutination inhibition tests for H5 and H7
RO421 AR	72 640	295	295	590	Haemagglutination inhibition tests for H5 and H7
RO311 AG	131 725	649	649	1298	Haemagglutination inhibition tests for H5 and H7
RO211 BC	166 667	1062	1062	2124	Haemagglutination inhibition tests for H5 and H7
RO111 B11	69 708	354	354	708	Haemagglutination inhibition tests for H5 and H7
RO112 BN	25560	177	177	354	Haemagglutination inhibition tests for H5 and H7
RO212 B1	178 683	1239	1239	2478	Haemagglutination inhibition tests for H5 and H7
RO221 BR	136 309	118	118	236	Haemagglutination inhibition tests for H5 and H7

RO122	10 331	767	767	1534	Haemagglutination tests for H5 and H7 inhibition
BV					
RO321	473	59	59	118	Haemagglutination tests for H5 and H7 inhibition
BUC					
RO222	210 514	767	767	1534	Haemagglutination tests for H5 and H7 inhibition
BZ					
RO312	214 892	1003	1003	2006	Haemagglutination tests for H5 and H7 inhibition
CL					
RO422	33 240	295	295	590	Haemagglutination tests for H5 and H7 inhibition
CS					
RO113	27 824	177	177	354	Haemagglutination tests for H5 and H7 inhibition
CJ					
RO223	100151	649	649	1298	Haemagglutination tests for H5 and H7 inhibition
CT					
RO123	16 310	118	118	236	Haemagglutination tests for H5 and H7 inhibition
CV					
RO313	102 997	649	649	1298	Haemagglutination tests for H5 and H7 inhibition
DB					

RO411	254 256	1947	1947	3894	Haemagglutination inhibition tests for H5 and H7
DJ					
RO224	151 132	1121	1121	2242	Haemagglutination inhibition tests for H5 and H7
GL					
RO314	66 809	413	413	826	Haemagglutination inhibition tests for H5 and H7
GR					
RO412	184 572	1180	1180	2360	Haemagglutination inhibition tests for H5 and H7
GJ					
RO124	12 139	100	100	200	Haemagglutination inhibition tests for H5 and H7
HR					
RO423	28 676	177	177	354	Haemagglutination inhibition tests for H5 and H7
HD					
RO315	202 795	1357	1357	2714	Haemagglutination inhibition tests for H5 and H7
IL					
RO213	1 79 004	1003	1003	2006	Haemagglutination inhibition tests for H5 and H7
IS					

RO322	11 105	110	110	220	Haemagglutination tests for H5 and H7	inhibition
IF						
RO114	11 843	90	90	180	Haemagglutination tests for H5 and H7	inhibition
MM						
RO413	440 899	1357	1357	2714	Haemagglutination tests for H5 and H7	inhibition
MIJ						
RO125	78 934	472	472	944	Haemagglutination tests for H5 and H7	inhibition
MS						
RO214	79 273	472	472	944	Haemagglutination tests for H5 and H7	inhibition
NT						
RO414	416 329	2360	2360	4760	Haemagglutination tests for H5 and H7	inhibition
OT						
RO316	88 774	590	590	1180	Haemagglutination tests for H5 and H7	inhibition
PII						
RO116	35 058	177	177	354	Haemagglutination tests for H5 and H7	inhibition
SJ						

RO115	39 017	236	236	472	Haemagglutination inhibition tests for H5 and H7
SMI					
RO126	9 628	118	118	236	Haemagglutination inhibition tests for H5 and H7
SIB					
RO215	59 427	295	295	590	Haemagglutination inhibition tests for H5 and H7
SV					
RO317	286 721	1770	1770	2340	Haemagglutination inhibition tests for H5 and H7
TR					
RO424	171 292	531	531	1062	Haemagglutination inhibition tests for H5 and H7
TM					
RO225	86 864	531	531	1062	Haemagglutination inhibition tests for H5 and H7
TL					
RO415	165 724	826	826	1652	Haemagglutination inhibition tests for H5 and H7
VS					
RO216	108 997	1062	1062	2124	Haemagglutination inhibition tests for H5 and H7
VL					



RO226	91 096	531	531	1062	Haemagglutination inhibition tests for H5 and H7
VN					
Total	4 785 071	27 381	27 381	547 62*	

\* samples number x 2 tests/sample/method (HA and HI for H5/H7)

(a) Holdings equi herds, flocks or establishments as appropriate

(b) Refers to the location of the holding of origin. In case Nuts 2 code can not be used, coordinates (long/lat) are requested

(c) Total number of holdings of one category of poultry in concerned ADNS region.

### 2.3 Laboratory testing: description of the laboratory tests used

1. Laboratory tests will be carried out in accordance with Commission Decision 2006/437/EC approving a Diagnostic Manual for avian influenza as provided for in Council Directive 2005/94/EC.
2. **The serological exam which will be performed by accredited laboratories and IDAH in Romania is haemagglutination and haemagglutination inhibition tests for H5 and H7**

The principle of the method is based on the capacity of AI virus to present hemagglutination activity comparing with the red blood cells of passing. The inhibition of hemagglutination using a certain subtype of hemagglutinine, indicates the presence of specific antibodies for AI type A for that subtype.

3. All positive serological findings will be confirmed by the National Reference Laboratory for avian influenza and Newcastle disease (Institute for Diagnosis and Animal Health) by a haemagglutination-inhibition test, using designated strains supplied by the Community Reference Laboratory for Avian Influenza and Newcastle disease:

**H5** (a) Initial test using Ostrich/Denmark/72420/96 (H5N2)

(b) Test all positives with Duck/Denmark/64650/03 (HSN7) to eliminate N2 cross reactive antibody.

**H7** (a) Initial test using Turkey/England/64777 (H7N7)

(b) Test all positives with African Starling/983/79 (H7N1) to eliminate N7 cross reactive antibody.

### 3. Description of the surveillance programme in wild birds:

- a. The program will be performed in close co-operation with epidemiologists and ornithologists;

b. The competent authority for Nature conservation (Danube Delta Biosphere, Ministry of Environment and Durable Development, Ministry of Agriculture and Rural Development, Forestry, and Rural Development - Hunting Directorate, Romanian Ornithological Society) shall be ensured for designing the surveillance, assisting in species identification and optimising sampling. The design of the surveillance shall be adapted to the national situation as regards selection of species to be sampled according to species predominance and bird population sizes. Sampling must consider the seasonality of migration patterns, which may vary in different Member States. It shall take into account the behaviour of bird species as regards migratory flyways, main habitats, gregariousness and degree of mixing during migration and the results obtained from previous surveillance during 2003-2008.

For H5N1 HPAI, all those factors shall be considered in relation to the probability of wild bird exposure to infected poultry and wild birds in outbreak areas and the probability of contact of wild birds with domestic poultry in the poultry husbandry systems in the different Member States. .

To assess those probabilities, the decision trees and tables in the opinion of IJISA<sup>2</sup>, which were drawn up in collaboration with the European Commission's Environment Directorate-General can provide an effective tool for Member States' local risk assessments to adapt to an evolving situation based on a close collaboration and exchange of views between Member States.

Liaisons with bird conservation/watching institutions and ringing stations shall be encouraged. Sampling, where appropriate, shall be carried out under the supervision of staff from these institutions, by hunters and other ornithological skilled persons.

1. **Passive surveillance** of sick and dead wild birds shall be targeted on:
  - a) areas where registered morbidity and mortality in wild birds occurs;
  - b) areas close to the Black Sea, to the Danube Delta, lakes and waterways which are biotopes for wild birds;
  - c) areas close to commercial holdings of poultry where registered morbidity and mortality in wild birds occurs;
  - d) birds belonging to link species which become in touch with the poultry and wild birds.

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<sup>2</sup> Scientific opinion on "Migratory birds and their possible role in the spread of highly pathogenic avian influenza" (EFSA 12 May 2006)

2. In addition, investigations of living and dead wild birds shall be targeted on birds:
  - a) in areas where cases of HPAI H5N1 have been identified in wild birds or poultry to possibly identify asymptomatic carriers;
  - b) in areas epidemiologically linked to these cases;
  - c) coming possibly in close contact to domestic poultry holdings, which might function as “bridge species”, in particular those that are listed in part I.
3. **Active surveillance** on living and clinically healthy and/or clinically diseased, injured or hunted<sup>9</sup> birds shall be targeted on:
  - a) migratory birds belonging to the order of Anseriformes (water fowl) and Charadriiformes (shorebirds and gulls);
  - b) at identified areas for concentration and mixing of high number of migratory birds involving different species and in particular when these areas are in proximity to commercial holdings of poultry;
  - c) a selection of higher risk species.<sup>10</sup>

### 3.1

#### **Objectives, general requirements and criteria**

Virological surveillance for avian influenza in wild birds aim to identify the risk of introduction of AI viruses (LPAI and HPAI) to domestic poultry by:

- ensuring early detection of HPAI H5N1 by investigating increased incidence of morbidity and mortality in wild birds, in particular in selected “higher risk” species.
- in the event that HPAI H5N1 is detected in wild birds, then surveillance of live and dead wild birds shall be enhanced to determine whether wild birds of other species can act as asymptomatic carriers or “bridge species”.
- continuing a “baseline” surveillance of different species of free living migratory birds as part of continuous monitoring of LPAI viruses. Anseriformes (water fowl) and Charadriiformes (shorebirds and gulls) shall be the main sampling targets to assess if they carry LPAI viruses of H5 and H7 subtypes (which would in any case also detect HPAI H5N1 and other HPAI, if present). “Higher risk species” must be targeted in particular.

<sup>9</sup> Hunting by respecting the requirements of Council Directive 79/409/EEC<sup>14</sup> on the protection and conservation of all naturally occurring wild birds.  
<sup>10</sup> To be provided by the European Commission's Environment Directorate-General.

- Sampling shall not extend beyond 31 December of the year of implementation of the programme.
- Testing of samples shall be carried out at National Laboratories for avian influenza (NI) in Member States or by other laboratories authorised by the competent authorities and under the control of the NI.
- 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 NIs 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/VPI) according to the said diagnostic manual.

### 3.2

#### Design and implementation Sampling procedures

1. Oropharyngeal and cloacal swabs for virological examination shall be taken from apparently healthy free living birds. If for any reason it is impractical to take cloacal swabs from live birds carefully collected fresh faeces samples may serve as an alternative. However, traceability in case of mixed sites frequented by different bird species must be ensured.
2. Cloacal and tracheal/oropharyngeal swabs and/or tissues (namely the brain, heart, lung, trachea, kidney and intestines) from wild birds found dead or shot shall be sampled for virus isolation and molecular detection (RT - PCR).
3. Specific care has to be taken for the storage and transport of samples. Swabs must be chilled immediately on ice or with frozen gel packs and submitted to the laboratory as quickly as possible. Samples must not be frozen unless absolutely necessary. If available, swabs must be placed in antibiotic or specific virus transport medium so that they are fully immersed. Placing samples in medium for transportation must be done in addition to chilling and not as an alternative to chilling. In the absence of such medium, swabs must be returned to their casing and submitted dry. If rapid transport within 48 hours to the laboratory (in transport medium at 4° Celsius) is not guaranteed, samples shall be immediately frozen, stored and then transported on dry ice. Storage and transport of samples may be affected by a variety of factors so the method selected must be fit for purpose.

**Table 3.2.1 WILD BIRDS - investigation according with the programme for surveillance of avian influenza in wild birds set out in Annex 11 to Decision 2007.../EC<sup>11</sup>**

NUT (2) code <sup>(4)</sup>	Wild birds to be sampled <sup>(5)</sup>	Total number of samples to be taken for active surveillance	Total number of samples to be taken for passive surveillance
RO121	45	35	10
RO421	45	35	10
RO311	45	35	10
RO211	45	35	10
RO111	45	35	10
RO112	45	35	10
RO212	90	70	20
RO221	150	130	20
RO122	45	35	10
RO321	45	35	10
RO222	90	70	20
RO312	150	130	20
RO422	90	70	20
RO113	45	35	10
RO223	200	170	30
RO123	45	35	10
RO513	45	35	10
RO411	150	130	20

<sup>11</sup> Reference to the present Decision

RO224	90		70		20
RO314	150		130		20
RO412	45		35		10
RO124	45		35		10
RO423	45		35		10
RO315	150		130		20
RO213	90		70		20
RO322	45		35		10
RO113	45		35		10
RO413	150		130		20
RO125	45		35		10
RO214	45		35		10
RO414	150		130		20
RO316	45		35		10
RO116	45		35		10
RO115	45		35		10
RO126	45		35		10
RO215	45		35		10
RO317	90		70		20
RO424	45		35		10
RO225	200		170		30
RO415	90		70		20
RO216	90		70		20
RO226	45		35		10
Total	3295		2685		610

(a) Refer to the place of collection of birds/samples. In case Site 2 scale can not be used, coordinates (longitude) are requested

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

### 3.3

#### Laboratory testing: description of the laboratory tests used for the surveillance of wild birds

The serological surveillance is not used in Romania for the surveillance of AI in wild birds.

#### Virological tests:

- **RT - PCR**

The method is based on the amplification and identification of a genetic fragment of matrix proteins, the common fragment for all viruses subtype A of AI.

- **Virus isolation by the inoculation of embryonated specific pathogen free (SPF) fowl eggs (only for positive samples at RT-PCR)**

The method is based on the inoculation of pathological materials, represented by tracheal swabs, cloacal swabs, organs, and faeces samples harvested from sick and dead birds, in the allantoic cavity of embryonated hen eggs, older of 9-11 days. The allantoic fluids of dead embryos are tested for the hemagglutination activity. The presence of AI virus type A, family *Orthomyxoviridae* is confirmed through titration with positive serum with single specificity comparing with those 16 known hemagglutinins.

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

The Avian Influenza first case appeared in Romania on 7-th of October 2005 in noncommercial holdings of poultry, from the Danube Delta. During the winter of 2005-2006 (October - April), the disease extended at 53 outbreaks in nine counties from the South-East area of the country: close to the Black Sea and the Danube Delta.

The main episode of AI evolved during May-July 2006, affecting 122 noncommercial holdings (located in 18 counties and in Bucharest) and in 5 commercial holdings from Brasov County: SC DRAKOM SILVA SRL, SC PATI-PROD SRL, farm no.3, SC PATI-PROD SRL ... turkey farm, SC AVIPROD 2002 Ploiesti, SC PATI-PROD SRL farm no. 5.

During the period November - December 2007, in Murgeshol locality from Tulcea county was confirmed an Avian Influenza outbreak in gallinae and palmipeds from a noncommercial holding. The measures were issued by European Commission in Commission Decision 2007/770/CE.

The AI virus was isolated from 284 domestic poultry, mainly hens and turkeys.

All that 181 outbreaks were caused by HPAI virus H5N1

Concerning the laboratory surveillance between 2002-2007, the situation are as follows:

#### **AVIAN INFLUENZA SURVEILLANCE FOR DOMESTIC BIRDS IN THE PERIOD 2002-2006**



2002

Species of birds	Number and type of samples				Results																	
	Samples of sera	Tracheal swabs	Cloacal swabs	Pool of organs	Serological exam			Virological exam						RT-PCR								
					ACID	ELISA competitive	HI	Tracheal swabs		Cloacal swabs		Pool of organs		Tracheal swabs	Cloacal swabs							
								negative	positive	negative	positive	negative	positive		negative	positive	negative	positive				
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chicken	5182	267	267	48	518	0	2	0	0	0	0	0	267	0	48	0	0	0	0	0	0	0

2003

Species of birds	Number and type of samples				Results																	
	Samples of sera	Tracheal swabs	Cloacal swabs	Pool of organs	Serological exam					Virological exam						RT-PCR						
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chickens	5539	-	1251	14	5539	0	-	-	-	-	-	-	125	0	14	0	-	-	-	-	-	-
					negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	Positive
											Tracheal swabs			Cloacal swabs			Tracheal swabs			Cloacal swabs		Pool of organs
					AGID		ELISA competitive		HI													

2004

Results

Number and type of samples

Species of birds	Number and type of samples				Results																		
	Samples of sera	Tracheal swabs	Cloacal swabs	Pool of organs	Serological exam			Virological exam			RT-PCR												
					AGID	ELIS A	H1 <sup>n</sup> comp elitive	Tracheal swabs	Cloacal swabs	Pool of organs	Tracheal swabs	Cloacal swabs	Pool of organs										
					negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive							
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Ducks	7061	35	40	0	20	0	0	0	0	0	35	0	40	0	0	0	0	0	0	0	0	0	0
Chicken	865	2534	2678	0																			
Pheasant	401	0	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ostrich	2	0	65	0	2	0	0	0	0	0	0	0	65	0	0	0	0	0	0	0	0	0	0
Anseriformes	0	3	5	0	0	0	0	0	0	0	3	0	5	0	0	0	0	0	0	0	0	0	0

2005

Number and type of samples

Results

Species of birds	Samples of sera	Tracheal swabs	Cloacal swabs	Pool of organs	Serological exam										Virological exam				RT-PCR									
					AGID		ELISA competitive		HI		Tracheal swabs		Cloacal swabs		Pool of organs		Tracheal swabs		Cloacal swabs		Pool of organs							
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
0	1	2	3	4	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive		
Jays	4631	2722	1084	266	455	10	47	18	18	0	11	12	13	14	15	16	17	18	19	20	21	22						
															188	272	2		108	4		266						
Phalarope	389	5	13	5	389										5	13	5											
Chickadee	562	51	79	12	528	1	5		149	1	21		50		22		51				79				12			
Jack	695	52	152	18	635	1	4	153	1	8			41	211	14	4	52				41	111		24	6			

Results

Number and type of samples

Species of birds	Number and type of samples				Results																	
	Samples of sera	Tracheal swabs	Cloacal swabs	Pool of organs	Serological exam				Virological exam								RT-PCR					
					AGID	ELISA	competi	live	HI*	Tracheal swabs		Cloacal swabs		Pool of organs		Tracheal swabs		Cloacal swabs		Pool of organs		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
0																						
Chicken	582	3289	4503	200	3	8	2			151	28	98	397	391	93	107	484	397	391	93	107	
Turkey	96	107	225	82	9	6				96	14	4	81	57	25	107	114	81	57	25		
Quail		6	15	2												6	15				3	
Pigeon	1	50	56	9	1					2	2					50		56		9		
Ostrich			270									11	2					270				

\* for subtype H5

Species of birds	Number and type of samples				Results																		
	Samples of sera	Tracheal swabs	Cloacal swabs	Pool of organs	Serological exam									Virological exam						RT-PCR			
					AGID	ELISA competitive			H1+	Tracheal swabs		Cloacal swabs		Pool of organs		Tracheal swabs		Cloacal swabs		Pool of organs			
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Hens	543	1207	4110	1084	81	122	332	56	326	497	1775	703	361	438	536	471	2955	692	433	432			
Chicken	38	125	980	160			38		83	20	764	24	75	42	95	10	890	24	94	45			
Imported chicken		1976	12783	18					1936		12783		18		1976		12783		18				
Sentinel chicken	355	3	9	8	217		80		58		3	9	3		3		9		8				
Anseriformes	4508	267	597	107	12	37	3035	34	3826	101	266	1	576	3	103	3	266	1	523	1	98	3	

2006

Results

Number and type of samples

Species of birds	Number and type of samples				Results																	
	Samples of sera	Tracheal swabs	Cloacal swabs	Pool of organs	Serological exam				Virological exam				RT-PCR									
					AGID	ELISA	H1N1 competitive	Tracheal swabs	Cloacal swabs	Pool of organs	Tracheal swabs	Cloacal swabs	Pool of organs	Tracheal swabs	Cloacal swabs	Pool of organs						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
0																						
Turkey	6	25	63	23	5	2				3	16	5	20	2	15	9	16	41	22	8	15	
Imported turkey		44	132							44		132					44	132				
Imported ostrich			477	9								477			9			477		9		
Ostrich		3	51	2						3		51			2			46		1		

Species of birds	Number and type of samples				Results																	
	Samples of sera	Tracheal swabs	Cloacal swabs	Pool of organs	Serological exam					Virological exam					RT-PCR							
					AGID	ELISA competitive	HI	Tracheal swabs	Cloacal swabs	Pool of organs	Tracheal swabs	Cloacal swabs	Pool of organs									
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Parrot	1	2	2		negative	negative	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive
Pheasant	50	16	20	10			50				16		18		10		16		20		10	
Peacock	2							2														
Guinea hen		5	7	4							5			7	1	3		5		7		3

• for subtype H5



Avian influenza surveillance in poultry holdings<sup>[1]</sup> in the Member States  
Data from 1 January to 31 March 2007

**Table 2 for POSITIVE laboratory testing results**

Member State: **ROMANIA** Date: Reporting period from: 1 January to: 31 March

ID number of holding tested positive [1]	NUTS 2 code[2]	Category/species [3]	Serology positive for			Nucleic acid test (PCR) positive for			Virus isolation positive for								
			subtype H5	subtype H7	other LPAI subtype[4]	subtype H5	subtype H7	other LPAI subtype <sup>b</sup>	subtype H5	subtype H7	other LPAI subtype <sup>c</sup>						
-	RO 11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	RO 12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	RO 21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	RO 22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	RO 31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	RO 32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	RO 41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	RO 42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>1)</sup> Poultry holding equals herds, flocks or establishments as appropriate.

<sup>2)</sup> Reporting data for a 3 months period starting with January 2007, if exceptionally not 3 months then please specify reporting period.

<sup>3)</sup> National identification number of each holding that tested positive.

<sup>4)</sup> Refers to the location of the holding of origin. NUTS 2 is requested as minimum requirement.

<sup>5)</sup> Specify poultry species/category: broiler;free range broiler;fattening turkey;chicken breeders/turkey breeders/laying hens;free range laying hens/

<sup>6)</sup> Indicate the low pathogenic subtype detected: game birds/fattening ducks/fattening geese/breeder ducks;breeder ducks;backyard flock;others.

<sup>7)</sup> Indicate the low pathogenic subtype detected

**Avian influenza surveillance in poultry holdings[1] in the Member States**

Data from 1 January to 31 March 2007

**Table 1 for NEGATIVE laboratory testing results**

NUTS 2 code[1]	Category/species[2]	Total number of holdings[3]	Total number of holdings tested negative[4]
<b>RO 11 NORTH-WEST</b>	broiler	24	19
	free range broiler	3	
	fattening turkey		
	chicken breeders		
	turkey breeders		
	laying hens	40	23
	free range laying hens		
	rallies		
	farmed game birds		
	fattening ducks		
	fattening geese		
	breeder ducks		
	breeder geese		
	backyard flock	330091	1289
	others		
<b>RO 12 CENTER</b>	broiler	18	14
	free range broiler	7	3
	fattening turkey		
	chicken breeders	1	1
	turkey breeders	1	1
	laying hens	23	18
	free range laying hens	7	
	rallies		
	farmed game birds		
	fattening ducks		
	fattening geese		
	breeder ducks		
	breeder geese		

backyard flock	293881	1282
others (quails)	1	
broiler	36	24
free range broiler	9	
fattening turkey		
chicken breeders		
turkey breeders		
laying hens	19	10
free range laying hens	4	
raftes		
farmed game birds	1	1
fattening ducks		
fattening geese		
breeder ducks		
breeder geese		
backyard flock	632402	2647
others		
broiler	4	4
free range broiler	8	5
fattening turkey		
chicken breeders	3	3
turkey breeders		
laying hens	13	13
free range laying hens	6	1
raftes		
farmed game birds		
fattening ducks		
fattening geese	1	1
breeder ducks	3	3
breeder geese	1	1
backyard flock	361195	1773
others (ostriches)	1	1
broiler	36	28
free range broiler	3	
<b>RO 21 NORTH-EST</b>		
<b>RO 22 SOUTH-EST</b>		
<b>RO 31 SOUTH MUNFENIA</b>		



free range laying hens			
ratites			
farmed game birds		1	
fattening ducks			
fattening geese			
breeder ducks			
breeder geese			
backyard flock	389790		2470
others			
broiler		3	
free range broiler		4	
fattening turkey			
chicken breeders		1	
turkey breeders			
laying hens		10	
free range laying hens			9
ratites			
farmed game birds			
fattening ducks			
fattening geese			
breeder ducks			
breeder geese			
backyard flock	148472		147
others			
<b>RO 42 WEST</b>			
broiler	117		98
free range broiler	32		13
fattening turkey			
chicken breeders	5		5
turkey breeders	2		2
laying hens	142		96
free range laying hens	21		1
ratites			
farmed game birds	3		3
fattening ducks			
<b>TOTAL</b>			

fattening geese	1	1
breeder ducks	3	3
breeder geese	1	1
backyard flock	3061367	12842
others	3	2

<sup>11</sup> Poultry holding equals herds, flocks or establishments as appropriate

<sup>12</sup> Reporting data for a 3 month period starting with January 2007. If exceptionally not 3 months then please specify reporting period

<sup>13</sup> Refers to the location of the holding of origin. NUTS 2 is requested as minimum requirement

<sup>14</sup> Specify poultry species/category: broiler/free range broiler/fattening turkey/chicken breeders/turkey breeders/laying hens

free range laying hens/franjes/farmed game birds/fattening ducks/farming geese/breeder ducks/breeder geese/backyard flock/others.

<sup>15</sup> Total number of holdings of one category of poultry present in concerned NUTS 2

<sup>16</sup> Total number of holdings from which samples taken have tested with negative results either in serology or virology.

Here the number of holdings tested with a positive result shall not be included. These shall be indicated in table 2.

**Avian influenza surveillance in poultry holdings in Member States**  
**Data from 1 April to 30 June 2007**  
**Table 2 for POSITIVE laboratory testing results**

Member State: ROMANIA Date: 01 August 2007 Reporting period from: 1 April to: 30 June 2007

ID number of holding tested positive [3]	NUTS 2 code [4]	Category/ species [5]	Serology positive for			Nucleic acid test (PCR) positive for			Virus isolation positive for			
			subtype H5	subtype H7	other LPAI subtype <sup>6</sup>	subtype H5	subtype H7	other LPAI subtype <sup>6</sup>	subtype H5	subtype H7	other LPAI subtype <sup>6</sup>	
-	RO 11	-	-	-	-	-	-	-	-	-	-	-
-	RO 12	-	-	-	-	-	-	-	-	-	-	-
-	RO 21	-	-	-	-	-	-	-	-	-	-	-
-	RO 22	-	-	-	-	-	-	-	-	-	-	-
-	RO 31	-	-	-	-	-	-	-	-	-	-	-
-	RO 32	-	-	-	-	-	-	-	-	-	-	-
-	RO 41	-	-	-	-	-	-	-	-	-	-	-
-	RO 42	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

[1] Poultry holding equals herds, flocks or establishments as appropriate.

[2] Reporting data for a three months period starting from January 2007, if exceptionally not three months then please specify reporting period.

[3] National identification number of each holding that tested positive.

[4] Refers to the location of the holding of origin. NUTS 2 is requested as minimum requirement

[5] Specify poultry category: broiler/free range broiler/fattening turkey/chicken breeders/turkey breeders/laying hens/free range laying hens/ratites/farmed game

[6] birds/fattening ducks/fattening geese/breeder ducks/breeder geese/ backyard flock/others.

[7] Indicate the low pathogenic subtype detected.

Avian influenza surveillance in poultry holdings in Member States

Data from 1 April to:30 June 2007

Table 1 for NEGATIVE laboratory testing results

Member State: ROMANIA Date: 01 August 2007 Reporting period from:1 April to:30 June 2007

NUTS 2 code[3]	Category/species[4]	Total number of holdings[5]	Total number of holdings tested negative[6]
RO 11 NORD-VEST	broiler	22	22
	free range broiler	3	3
	fattening turkey	60	60
	chicken breeders		
	turkey breeders	19	19
	laying hens	192	189
	free range laying hens		
	rabbits		
	farmed game birds		
	fattening ducks	70	70
	fattening geese	47	47
	broiler ducks	35	35
	broiler geese	30	30
	backyard flock	55756	870
	others		
RO 12 CENTRU	broiler	6	6
	free range broiler	10	10
	fattening turkey		
	chicken breeders		
	turkey breeders	2	2
	laying hens	17	17
	free range laying hens	15	15



	rabbits		
	farmed game birds		
	fattening ducks		
	fattening geese		
	breeder ducks		
	breeder geese		
	backyard flock	20460	460
	others (quails)		
	broiler	16	16
	free range broiler	12	12
	fattening turkey		
	chicken breeders		
	turkey breeders		
	laying hens	10	10
	free range laying hens	3	3
	rabbits		
	farmed game birds	1	1
	fattening ducks		
	fattening geese		
	breeder ducks		
	breeder geese		
	backyard flock	110768	3294
	others		
<b>RO 21 NORD-EST</b>	broiler		
	free range broiler	97	97
	fattening turkey		
	chicken breeders		
	turkey breeders		
	laying hens	45	35
	free range laying hens	9	9
	rabbits		
	farmed game birds		
	fattening ducks		
	fattening geese	1	1
<b>RO 22 SUD-EST</b>	broiler		
	free range broiler	97	97
	fattening turkey		
	chicken breeders		
	turkey breeders		
	laying hens	45	35
	free range laying hens	9	9
	rabbits		
	farmed game birds		
	fattening ducks		
	fattening geese	1	1

	breeder ducks	3	3
	breeder geese	1	1
	backyard flock	64629	2962
	others (ostriches)		
	broiler	38	28
	free range broiler	2	2
	fattening turkey		
	chicken breeders		
	turkey breeders		
	laying hens	14	11
	free range laying hens		
	rattles		
	farmed game birds		
	fattening ducks		
	fattening geese		
	breeder ducks		
	breeder geese		
	backyard flock	227895	3512
	others		
	broiler		
	free range broiler		
	fattening turkey		
	chicken breeders		
	turkey breeders		
	laying hens		
	free range laying hens		
	rattles		
	farmed game birds		
	fattening ducks		
	fattening geese		
	breeder ducks		
	breeder geese		
	backyard flock	685	685
	others (zoo)	6	6

RO 32 BUCURESTI  
ILFOV

RO 31 SUD  
MUNTENIA

RO 41 SUD-VEST OLTENIA	broiler	9	9
	free range broiler	4	4
	fattening turkey		
	chicken breeders		
	turkey breeders		
	laying hens	5	5
	free range laying hens	1	1
	raites		
	farmed game birds	2	2
	fattening ducks		
	fattening geese		
	breeder ducks		
	breeder geese		
	backyard flock	99068	2033
others			
RO 42 VEST	broiler	3	1
	free range broiler	5	5
	fattening turkey	18	1
	chicken breeders		
	turkey breeders	1	1
	laying hens	8	5
	free range laying hens	6	6
	raites		
	farmed game birds		
	fattening ducks		
	fattening geese		
	breeder ducks		
	breeder geese		
	backyard flock	1512	1512
others			
TOTAL	broiler	94	82
	free range broiler	133	133
	fattening turkey	78	61
	chicken breeders	0	0

turkey breeders	22	22
laying hens	291	272
free range laying hens	34	34
rattles		
farmed game birds	3	3
fattening ducks	70	70
lactating geese	48	48
breeder ducks	38	38
breeder geese	31	31
backyard flock	580773	15328
others	6	6

<sup>20</sup> Poultry holding equals herds, flocks or establishments as appropriate.

<sup>21</sup> Reporting data for a three months period starting from January 2007. If exceptionally not three months then please specify reporting period.

<sup>22</sup> Refers to the location of the holding of origin. NUTS 2 is requested as minimum requirement

<sup>23</sup> Specify poultry category: broiler/free range broiler/fattening turkey/chicken breeders/turkey breeders/laying hens/free range laying hens/rattles/farmed game birds/fattening geese/breeder ducks/breeder geese backyard flock/others.

<sup>24</sup> Total number of holdings of one category of poultry present in concerned NUTS 2.

<sup>25</sup> Total number of holdings from which samples taken have tested with negative results either in serology or virology. Here the number of holdings tested with a positive result shall not be included. These shall be indicated in table 2.

**Avian influenza surveillance in poultry holdings in Member States**  
**Data from 1 July to: 30 september 2007**  
**Table 2 for POSITIVE laboratory testing results**

Member State: ROMANIA Date: 15 October 2007 Reporting period from: 1 July to: 30 september 2007

ID number of holding tested positive [3]	NUTS 2 code [4]	Category/species [5]	Serology positive for			Nucleic acid test (PCR) positive for			Virus isolation positive for			
			subtype H5	subtype H7	other LPAI subtype <sup>6</sup>	subtype H5	subtype H7	other LPAI subtype <sup>6</sup>	subtype H5	subtype H7	other LPAI subtype <sup>6</sup>	
-	RO 11	-	-	-	-	-	-	-	-	-	-	-
-	RO 12	-	-	-	-	-	-	-	-	-	-	-
-	RO 21	-	-	-	-	-	-	-	-	-	-	-
-	RO 22	-	-	-	-	-	-	-	-	-	-	-
-	RO 31	-	-	-	-	-	-	-	-	-	-	-
-	RO 32	-	-	-	-	-	-	-	-	-	-	-
-	RO 41	-	-	-	-	-	-	-	-	-	-	-
-	RO 42	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

[1] Poultry holding equals herds, flocks or establishments as appropriate.

[2] Reporting data for a three months period starting from January 2007, if exceptionally not three months then please specify reporting period.

[3] National identification number of each holding that tested positive.

[4] Refers to the location of the holding of origin. NUTS 2 is requested as minimum requirement

[5] Specify poultry category: broiler/free range broiler/fattening turkey/chicken breeders/turkey breeders/laying hens/free range laying hens/rallies/farmed game

birds/fattening ducks/fattening geese/breeder ducks/breeder geese/ backyard flock/others.

[6] Indicate the low pathogenic subtype detected.

Avian influenza surveillance in poultry holdings in Member States  
Data from 1 July to:30 September 2007  
Table 1 for NEGATIVE laboratory testing results

Member State: ROMANIA Date: 15 October 2007 Reporting period from: 1 July to: 30 September 2007

NUTS 2 code[3]	Category/species[4]	Total number of holdings[5]	Total number of holdings tested negative[6]	
<b>RO 11 NORD-VEST</b>	broiler	20	20	
	free range broiler	13	13	
	fattening turkey	121	121	
	chicken breeders	0	0	
	turkey breeders	41	41	
	laying hens	427	427	
	free range laying hens	10	10	
	ratites	0	0	
	farmed game birds	0	0	
	fattening ducks	144	144	
	fattening geese	99	99	
	breeder ducks	65	65	
	breeder geese	54	54	
	backyard flock	59487	1998	
	others	0	0	
	<b>RO 12 CENTRU</b>	broiler	9	9
		free range broiler	11	11
fattening turkey		0	0	
chicken breeders		0	0	
turkey breeders		1	1	
laying hens		4	4	
free range laying hens		9	9	

rattles	0	0	0
farmed game birds	0	0	0
fattening ducks	0	0	0
fattening geese	0	0	0
breeder ducks	0	0	0
breeder geese	0	0	0
backyard flock	18146	5993	0
others (quails)	0	0	0
broiler	11	11	11
free range broiler	21	21	21
fattening turkey	0	0	0
chicken breeders	0	0	0
turkey breeders	0	0	0
laying hens	9	9	9
free range laying hens	5	5	5
rattles	0	0	0
farmed game birds	1	1	1
fattening ducks	0	0	0
fattening geese	0	0	0
breeder ducks	0	0	0
breeder geese	0	0	0
backyard flock	113174	3100	0
others	0	0	0
broiler	8	8	8
free range broiler	102	102	102
fattening turkey	0	0	0
chicken breeders	6	6	6
turkey breeders	0	0	0
laying hens	26	26	26
free range laying hens	19	19	19
rattles	0	0	0
farmed game birds	0	0	0
fattening ducks	0	0	0
fattening geese	1	1	1

RO 21 NORD-EST

RO 22 SUD-EST

	breeder ducks	3	3
	breeder geese	1	1
	backyard flock	65451	4220
	others (ostriches)	0	0
	broiler	23	21
	free range broiler	40	40
	fattening turkey	0	0
	chicken breeders	0	0
	turkey breeders	0	0
	laying hens	16	16
	free range laying hens	14	14
	ratites	0	0
	farmed game birds	1	1
	fattening ducks	0	0
	fattening geese	0	0
	breeder ducks	0	0
	breeder geese	0	0
	backyard flock	238840	8047
	others(zoo)	1	1
	broiler	0	0
	free range broiler	1	1
	fattening turkey	0	0
	chicken breeders	0	0
	turkey breeders	0	0
	laying hens	0	0
	free range laying hens	1	1
	ratites	0	0
	farmed game birds	0	0
	fattening ducks	0	0
	fattening geese	0	0
	breeder ducks	1	0
	breeder geese	1	1
	backyard flock	678	678
	others (zoo)	4	4

RO 32 BUCCURESTI ILFOV

RO 31 SLD MCNENIA



broiler		24	24
free range broiler		6	6
fattening turkey		0	0
chicken breeders		0	0
turkey breeders		0	0
laying hens		8	8
free range laying hens		0	0
ratites		0	0
farmed game birds(pheasants)	50	50	50
fattening ducks		0	0
fattening geese		0	0
breeder ducks		0	0
breeder geese		0	0
backyard flock			
others	141275		4755
broiler		0	0
free range broiler		3	1
fattening turkey		6	6
chicken breeders		18	3
turkey breeders		0	0
laying hens		4	1
free range laying hens		8	4
ratites		2	2
farmed game birds		0	0
fattening ducks		0	0
fattening geese		0	0
breeder ducks		0	0
breeder geese		0	0
backyard flock			
others	1288		310
broiler		0	0
free range broiler		98	94
fattening turkey		200	200
chicken breeders		1	1
		10	7
<b>TOTAL</b>			

turkey breeders	2	2
laying hens	192	188
free range laying hens	60	44
tablets	0	0
farmed game birds	52	52
fattening ducks	145	144
fattening geese	2	2
breeder ducks	3	3
breeder geese	1	1
backyard flock	579398	29101
others	5	5
<b>TOTAL</b>	<b>580169</b>	<b>29844</b>

<sup>14</sup> Poultry holding equals herds, flocks or establishments as appropriate.

<sup>15</sup> Reporting data for a three months period starting from January 2007, if exceptionally not three months then please specify reporting period.

<sup>16</sup> Refers to the location of the holding of origin. NUTS 2 is requested as minimum requirement

<sup>17</sup> Specify poultry category: broiler/free range broiler/fattening turkey/chicken breeders/turkey breeders/laying hens/free range laying hens/tablets/farmed game birds/fattening ducks/fattening geese/breeder ducks/breeder geese/backyard flock/others.

<sup>18</sup> Total number of holdings of one category of poultry **present** in concerned NUTS 2.

<sup>19</sup> Total number of holdings from which samples taken have tested with negative results either in serology or virology. Here the number of holdings tested with a

positive result shall not be included. These shall be indicated in table 2.

Avian influenza surveillance in poultry holdings in Member States  
 Data from 1 October to 31 December 2007  
 Table 2 for POSITIVE laboratory testing results

Member State: ROMANIA Date: 01 October 2007 Reporting period from: 1 Oct to: 31 December 2007

ID number of holding tested positive [3]	NUTS 2 code [4]	Category/ species [5]	Serology positive for			Nucleic acid test (PCR) positive for			Virus isolation positive for			
			subtype H5	subtype H7	other LPAI subtype <sup>6</sup>	subtype H5	subtype H7	other LPAI subtype <sup>6</sup>	subtype H5	subtype H7	other LPAI subtype <sup>6</sup>	
-	RO 11	-	-	-	-	-	-	-	-	-	-	-
-	RO 12	-	-	-	-	-	-	-	-	-	-	-
-	RO 21	-	-	-	-	-	-	-	-	-	-	-
-	RO 22	-	-	-	-	-	-	-	-	-	-	-
-	RO 31	-	-	-	-	-	-	-	-	-	-	-
-	RO 32	-	-	-	-	-	-	-	-	-	-	-
-	RO 41	-	-	-	-	-	-	-	-	-	-	-
-	RO 42	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

[1] Poultry holding equals herds, flocks or establishments as appropriate.

[2] Reporting data for a three months period starting from January 2007, if exceptionally not three months then please specify reporting period.

[3] National identification number of each holding that tested positive.

[4] Refers to the location of the holding of origin. NUTS 2 is requested as minimum requirement

[5] Specify poultry category: broiler/free range broiler/fattening turkey/chicken breeders/turkey breeders/laying hens/free range laying hens/rattles/farmed game

birds/fattening ducks/fattening geese/breeder ducks/breeder geese/ backyard flock/others.

[6] Indicate the low pathogenic subtype detected.

Avian influenza surveillance in poultry holdings in Member States  
 Data from 1 October to:31 December 2007  
 Table 1 for NEGATIVE laboratory testing results

Member State: ROMANIA Date: 1 October 2007 Reporting period from: 1 Oct to:31 December 2007

NUTS 2 code[3]	Category/species[4]	Total number of holdings[5]	Total number of holdings tested negative[6]
<b>RO11 NORD-VEST</b>	broiler	33	30
	free range broiler	6	6
	fattening turkey		
	chicken breeders		
	turkey breeders		
	laying hens	12	12
	free range laying hens	36	36
	raites		
	farmed game birds		
	fattening ducks		
	fattening geese		
	breeder ducks		
	breeder geese		
	backyard flock	64870	2111
	others		
<b>RO12 CENTRU</b>	broiler	10	10
	free range broiler	15	15
	fattening turkey		
	chicken breeders		
	turkey breeders	1	1
	laying hens	15	15
free range laying hens	9	9	

RO 21 NORD-EST	ratites		
	farmed game birds		
	fattening ducks		
	fattening geese		
	breeder ducks		
	breeder geese		
	backyard flock	5878	520
	others (quails)	0	0
	broiler		
	free range broiler	12	12
	fattening turkey	15	15
	chicken breeders		
	turkey breeders		
	laying hens	7	7
	free range laying hens	3	3
ratites			
farmed game birds	0	0	
fattening ducks			
fattening geese			
breeder ducks			
breeder geese			
backyard flock	138379	4111	
others			
broiler			
free range broiler	14	13	
fattening turkey			
chicken breeders			
turkey breeders			
laying hens	28	19	
free range laying hens	3	3	
ratites			
farmed game birds			
fattening ducks			
fattening geese	0	0	
RO 22 SUD-EST			

breeder ducks	1	0
breeder geese	1	0
backyard flock	101985	3850
others (ostriches)		
broiler	41	39
free range broiler	44	41
fattening turkey		
chicken breeders		
turkey breeders		
laying hens	10	10
free range laying hens	11	11
rabbits		
farmed game birds		
fattening ducks		
fattening geese		
breeder ducks		
breeder geese		
backyard flock	282393	10441
others(zoo)		
broiler		
free range broiler	1	1
fattening turkey		
chicken breeders		
turkey breeders		
laying hens		
free range laying hens		
rabbits		
farmed game birds		
fattening ducks		
fattening geese		
breeder ducks		
breeder geese		
backyard flock	5940	258
others (zoo)	0	0

RO 32 BUCURESTI ILFOV

RO 31 SUD MUNTENIA

broiler	9	9
free range broiler	4	4
fattening turkey		
chicken breeders		
turkey breeders		
laying hens	8	8
free range laying hens	2	2
rattles		
farmed game birds(pheasants)	0	0
fattening ducks		
fattening geese		
breeder ducks		
breeder geese		
backyard flock	94458	4332
others		
broiler		
free range broiler	6	5
fattening turkey	1	0
chicken breeders		
turkey breeders	0	0
laying hens	3	3
free range laying hens	8	6
rattles		
farmed game birds		
fattening ducks		
fattening geese		
breeder ducks		
breeder geese		
backyard flock	101996	350
others		
broiler	106	100
free range broiler	105	100
fattening turkey	1	1
chicken breeders		
<b>TOTAL</b>		

RO 41 SUD-VEST OLTENIA

RO 42 VEST

turkey breeders		
laying hens	83	74
free range laying hens	72	69
rattles		
farmed game birds		
fattening ducks		
fattening geese		
breeder ducks	1	
breeder geese	1	
backyard flock	795899	25973
others		

<sup>[1]</sup> Poultry holding equals herds, flocks or establishments as appropriate.

<sup>[2]</sup> Reporting data for a three months period starting from January 2007, if exceptionally not three months then please specify reporting period.

<sup>[3]</sup> Refers to the location of the holding of origin. NUTS 2 is requested as minimum requirement

<sup>[4]</sup> Specify poultry category: broiler/free range broiler/fattening turkey/chicken breeders/turkey breeders/laying hens/free range laying hens/rattles/farmed game birds/fattening ducks/fattening geese/breeder ducks/breeder geese/ backyard flock/others.

<sup>[5]</sup> Total number of holdings of one category of poultry **present** in concerned NUTS 2.

<sup>[6]</sup> Total number of holdings from which samples taken have tested with negative results either in serology or virology. Here the number of holdings tested with a positive result shall not be included. These shall be indicated in table 2.



#### 4.1

##### **Measures included in the programme for poultry surveillance**

4.1.1 Designation of the central authority charged with supervising and coordinating the departments responsible for implementing the programme:

The central authority in charge with the supervising and coordinating the departments implementing the programme is the National Sanitary Veterinary and Food Safety Authority. The programme for the surveillance of Avian Influenza in poultry and wild birds is drawn up at the level of the Animal Health Directorate, based on the data obtained from the County Sanitary Veterinary and Food Safety Directorates.

4.1.2 System in place for the registration of holdings:

The registration of laying hens holdings is made in accordance with the provisions of the Council Directive 2002/4/CE, transposed into Romanian legislation through President Order no. 73/2005. Every holdings receive a distinctive number which follows to be marked on the egg intended for human consumption.

##### **General rules for approval of an establishment**

Poultry holdings shall be registered and sanitary veterinary approved in order to be able to operate. The legal framework for carrying out commercial activity with poultry and poultry products consists of:

- Order of the President of the National Sanitary Veterinary and Food Safety Authority no 144/2006 for the approval of the Sanitary veterinary norm on animal health conditions governing intra-Community trade in, and imports from third countries of, poultry and-hatching eggs transposing Council Directive 90/539/EEC on animal health conditions governing intra-Community trade in, and imports from third countries of poultry and hatching eggs.

- Order no 62/2007 of National Sanitary Veterinary and Food Safety Authority President with regard to the approval of the Sanitary Veterinary and Food Safety Norm regarding sanitary veterinary and food safety approval procedure of the activities carried out by legal persons.

In order to be sanitary veterinary approved, poultry holdings shall satisfy, in accordance with the legislation in force, the following conditions:

- appropriate facilities and operation;

- application of the "Program of surveillance, prevention and animal disease control, of the diseases transmissible from animals to humans, animal protection and environment protection" approved by Order of the National Sanitary Veterinary and Food Safety Authority President.

- at least one inspection visit per year by the official veterinarian;  
- additional checks to verify the compliance of the establishment with the hygiene measures and the operation of the establishments.

Each poultry holding receives a distinct approval number, number that can be the same with the one given in compliance with the Council Regulation no. 1975/2782/EEC.

**Built in areas:**

- Poultry meat: approximately 2 mil. sqm built, of which 1.5 mil. sqm are being used at present;
- Eggs for consumption: approx. 1.2 mil. sqm built, of which 690 thousand sqm are being used at present;

**Short description: buildings, facilities, division in profiles;**

**a) Premises for poultry meat:**

- Area per building : 1000 sqm -- 2000 sqm
- Materials used for construction : bricks, concrete or sandwich with thermo insulation;
- Estimated period of usage - 60 years;
- Premises' floor is totally made of concrete;
- Concrete access ways to the shelter, within the farm;
- Modernised rearing equipment in the ratio of 70 - 80%;

**b) Premises for hens producing eggs for consumption :**

- Area per building: 1000 sq m
- materials used for construction : brick, concrete, or sandwich with thermo insulation;
- Estimated period of usage of 60 years;
- Premises' floor is totally made up of concrete;
- Concrete access ways to the shelter, within the farm;
- Usage degree of the premises is between 10 and 50 %;
- Modernised rearing equipment in a ratio of 20%.

**c) Slaughterhouses:**

- Capacities between 5 million to 20 million slaughtered chickens/year;
- Materials used for construction: brick, concrete or prefabricated metallic panels, with thermo insulation;

- Estimated period of usage of 60 years.
- Degree of buildings usage is between 5 and 50% ;
- Modern slaughtering equipments in a ratio of 60% of the constructed capacity.

## HATCHING

### HATCHING CAPACITY

#### Chickens (meat and eggs) :

- Number of hatcheries 22
- Number of incubation installations – 270 apparatus
- Incubation capacity per series 13,652,046 places
- Incubation capacity per year – 236,180,396 places
- Capacity used at present – 165,050,200 places
- The buildings of the hatcheries are made of concrete, brick and metallic panels - sandwich type.
- Period of usage of 60 years
- Degree of usage: 5-50 %
- Modernization degree of equipments - 80%

Generally speaking, the facilities in the poultry industry are in good shape, they allow the application of some modern technologies and of effective biosecurity programmes. The poultry industry is in a continuous modernization, thus until the year 2009 it should be in compliance with the European standards and prepared for accomplishing the production estimated for the year 2013.

### **Facilities and operation**

According to holding type, facilities and operation of the holding complies with provisions of the Council Directive 90/539/CEE.

#### A. Pedigree breeding, breeding and rearing establishments:

- a) the siting and lay out of the facilities must:
  - be compatible with the type of production;
  - assure prevention of disease introduction, best hygiene conditions, and allow health status surveillance;
  - allow control when a disease outbreak occurs;
  - have a clear separation between species in cases where an establishment houses several poultry species.
- b) the equipment must be compatible with the type of production and shall allow the optimum cleansing and disinfection;

c) the rearing techniques must be based as far as possible on the "protected rearing principle and on the "all in/all out" principle. Cleansing, disinfection and depopulation must be carried out between batches;

d) pedigree breeding and breeding establishments as well as breeding and rearing establishments shall house only poultry from the establishment itself;

e) Flock history, register or data medium must be kept for each flock, for at least two years after the disposal of the livestock.

B. Hatcheries have to comply with the following requirements:

a) to be physically and operationally separated from the rearing facilities;

b) to allow the various functional units listed below to be kept separate:

- eggs storage and grading;
- eggs disinfection
- pre-incubation
- hatching;
- dispatch

c) Buildings must:

- be protected against rodents and wild birds;
- have floors, walls and equipment made of water-proof materials, easily washable, resistant to wearing off and disinfectants
- have lighting, air flow and temperature systems appropriate to the holding type.
- be provided with a hygienic system of waste evacuation;

d) operation must be based on a one-way circuit for eggs, mobile equipment and personnel;

e) hygiene rules must be drawn up by the management of the establishment, the hired personnel must wear appropriate working clothing and visitors must wear protective clothing;

f) the following must be disinfected:

- eggs, between the moment of their arrival and the incubation process,
- incubators, regularly;
- hatcheries, upon every batch of hatched chicken;

g) A microbiological quality control programme must be used to assess the health status of the hatchery;

- h) the notification of any modification in the production performances or of any other sign that may indicate a contagious disease, to the official veterinarian;
- i) a flock history, register or a data medium on livestock for incubation shall be kept for at least 2 years.

#### **Suspending or withdrawing approval of an establishment**

- a) Suspending approval shall be performed when:
1. the requirements for facilities and operation of establishments are not complied with;
  2. the epidemiological survey reveals that:
    - the establishment is suspected of avian influenza or Newcastle disease;
    - the establishment has received poultry and hatching eggs from an establishment with suspected or actual infection by avian influenza or Newcastle disease;
    - contact between the establishment and an outbreak of avian influenza or Newcastle disease has occurred.
  3. there is a suspicion of infection by *Salmonella pullorum*, *Salmonella gallinarum*, *Salmonella arizonae*, *Mycoplasma gallisepticum* or *Mycoplasma meleagridis*, until the suspicion is informed;
- b) Approval withdrawal shall be performed when:
1. avian influenza or Newcastle disease occurs in the establishment;
  2. the presence of infection by *Salmonella pullorum*, *Salmonella gallinarum*, *Salmonella arizonae*, *Mycoplasma gallisepticum* or *Mycoplasma meleagridis* is confirmed;
  3. the deficiencies are not removed following the second notice by the official veterinarian.

#### **Restoring approval of an establishment:**

- When the deficiencies found by the official veterinarian, and under which the approval was withdrawn/suspended, are removed;

- After at least 21 days following the final cleansing and disinfection, in case of avian influenza or Newcastle disease, according to contingency plans;
- After negative results have been recorded in two tests performed with an interval of 21 days, following sanitary slaughter of the flock, and final cleansing and disinfection, in case of infection by *Salmonella pullorum*, *Salmonella gallinarum* or *Salmonella arizonae*;
- After negative results have been recorded in two tests performed on the entire flock with an interval of 60 days, in case of infection by *Mycoplasma gallisepticum* or *Mycoplasma meleagridis*.

#### **4.1.3 Data on vaccination**

In Romania the vaccination against Avian Influenza is not accepted, yet.

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

The AI virus was isolated in wild life from 24 wild birds: 14 swans, 4 wild geese, 1 water hen, 1 wild pigeon, 2 coots, 1 heron and 1 owl.

Data concerning the laboratory surveillance of AI, in 2005 – 2007 are as follows:

Sampling of wild birds between 2002 - 2007 are as follows:

AVIAN INFLUENZA SURVEILLANCE FOR WILD BIRDS IN 3 E PERIODS 2002-2006:

2002

Species of birds	Number and type of samples				Results																		
	Samples of sera	Tracheal swabs	Cloacal swabs	Pool of organs	Serological exam			Virusological exam				RT-PCR											
					AGID	ELISA competitive	HI*	Tracheal swabs	Cloacal swabs	Pool of organs	Tracheal swabs	Cloacal swabs	Tracheal swabs	Cloacal swabs	Pool of organs								
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Wild Pigeon	-	-	-	1		negative	negative	positive	negative	positive	negative	negative	positive	positive	negative	positive	negative	negative	negative	positive	negative	negative	positive

Species of birds	Number and type of samples				Results																	
	Samples of sera	Tracheal swabs	Cloacal swabs	Pool of organs	Serological exam					Virological exam					RT-PCR							
					AGID	ELISA	HI	competitive														
0	1	2	3	4																		
				5	negative																	
				6	positive																	
				7	negative																	
				8	positive																	
				9	negative																	
				10	positive																	
				11	negative																	
				12	positive																	
				13	negative																	
				14	positive																	
				15	negative																	
				16	positive																	
				17	negative																	
				18	positive																	
				19	negative																	
				20	positive																	
				21	negative																	
				22	Positive																	
Wild Pigeon	-	-	-	1																		



2004

Species of birds	Number and type of samples				Results																	
	Samples of sera	Tracheal swabs	Cloacal swabs	Pool of organs of organs	Serological exam						Virological exam						RT-PCR					
					AGID	ELISA	HI	com	pe	ti	ve	Tracheal swabs	Cloacal swabs	Pool of organs	Tracheal swabs	Cloacal swabs	Pool of organs	Tracheal swabs	Cloacal swabs	Pool of organs		
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Swan	0	1	0	0	negative	positive	negative	negative	positive	negative	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive
Wild Pigeon	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2005

Species of birds	Number and type of samples				Results																	
	Samples of sera	Tracheal swabs	Cloacal swabs	Pool of organs	Serological exam						Virological exam											
					AGID	ELISA competitive	HI															
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Wild duck	4	156	246	72	4		4				17		37		19		156		246		72	
Quail		6	15	2													6		15		2	
Wild Pigeon	1	50	56	9	1						2		2				50		56		9	
Algerite	-	1	2	-													1		2		-	
Skylark	-	14	15	-													14		15		-	

Species of birds	Number and type of samples				Results																						
	Samples of sera	Tracheal swabs	Cloacal swabs	Pool of organs	Serological exam				Virological exam				RT-PCR														
					AGID	ELISA		HI*	Cloacal swabs		Tracheal swabs		Cloacal swabs		Tracheal swabs		Cloacal swabs		Pool of organs								
						negative	negative		positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive								
6	20	66	20	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	17	15	17	3		
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	17	15	17	3	
Galimulia chloropus	-	5	5	2							4	1	4	1	1	1	4	1	4	1	1	1	1	1	1	1	1
Crow	1	21	9	-	1					1	1	7	10	1	1	1	21	12	10	9	8	8	8	8	8	8	8
Seagull	1	12	10	8	1																						
Stork	-	5	2	1																							
Wild goose	-	40	54	8							13		25	2	4	2	40	5	12	10	2	2	2	2	2	2	2
Starling	-	3	5	1																							
Blackbird	-	6	8	1							6		8		1												
Swan	6	62	66	20	6																						

Species of birds	Number and type of samples			Pool of organs	Results																		
	Samples of sera	Tracheal swabs	Cloacal swabs		Serological exam					Virological exam					RT-PCR								
					AGID	ELISA	HI																
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
					negative	negative	positive	negative	positive	negative	Tracheal swabs	positive	negative	positive	negative	positive	Tracheal swabs	positive	negative	positive	negative	Pool of organs	Positive
Dabchick	2	2	2	-	21												2		2				
Guinea hen		7	15	-									15				7		15				
Eagle		-	2	1									12		1		-		2			1	
Partridge	4	-	-	-	4												-		-				
Falcon		3	-	-							3						3		-				
Parrot	8	8	8	-	8												8		8				
Magpie	-	3	3	3													3		3				
Moorhen	-	55	125	13							8		36		13		55		125			13	

Owl	-	3	5	-	-	3	5	3	5	-
Heron	-	5	5	1	5	5	5	1	5	1
Cormorant	-	5	5	1	5	5	5	1	5	1
Pelican	-	-	2	3	2	3	-	-	2	3
Rocklet	-	-	5	-	-	-	-	-	5	-
Tadorna tadorna	-	1	-	-	-	-	1	-	-	-

\* for subtype H5

2006

Species of birds	Number and type of samples				Results																	
	Samples of sera	Tracheal swabs	Cloacal swabs	Pool of organs	Serological exam					Virological exam					RT-PCR							
					AGID	ELISA competitive	HI-															
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Wild Pigeon	2	70	149	39	1						50	5	102	5	39	2	65	5	144	5	37	2
Swan	3	86	161	39	3		1				83	3	154	7	34	4	81	3	153	7	31	5
Blackbird		6	13	1							3	6		1			6		13		1	

2006

Results

Number and type of samples

Species of birds	Number and type of samples				Results																	
	Samples of sera	Tracheal swabs	Cloacal swabs	Pool of organs	Serological exam						Virological exam						RT-PCR					
					AGID	ELISA	HI*	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Gulls		11	11	7							8		8				11		11			
Starling		3	15	6									8				3		15			
Fulica atra		14	20	9							11	3	15	5	5	2	11	3	15	5	7	2
Seagull	3	8	10	4			4				8		10				8		10			
stork		3	10	3									5				3		5			

2006

Species of birds	Number and type of samples				Results																	
	Samples of sera	Tracheal swabs	Cloacal swabs	Pool of organs	Serological exam					Virological exam			RT-PCR									
					AGID	ELISA competitive	HI*	Tracheal swabs	Cloacal swabs	Pool of organs	Tracheal swabs	Cloacal swabs	Pool of organs									
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
					negative	negative	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative	Positive
Hoopoe			3																3			
Quail		3	5	1							3		5		1		3		5		1	
Partridge				1											1						1	
Chaffinch		6	10	2							6		10		2		6		10		2	
Owl		3	5	1							3		5		1		3		5			
Heron		3	5	1							3		5		1							
Pelican		5	5	1							5		5		1		5		5		1	



Dabchick	3	5	1																3	5	1
Cormorant			3																2		3
Goshawk	9	15	3																9	15	3
Algrrette	2	2	1																2	2	1

2006

Results

Number and type of samples

Species of birds	Samples of sera	Tracheal swabs	Cloacal swabs	Pool of organs	Serological exam												Virological exam						RT-PCR					
					AGID		ELISA		HI*		Tracheal swabs	Cloacal swabs	Pool of organs	Tracheal swabs	Cloacal swabs	Pool of organs	Tracheal swabs	Cloacal swabs	Pool of organs	Tracheal swabs	Cloacal swabs	Pool of organs						
					positive	negative	positive	negative	positive	negative													positive	negative	positive	negative	positive	negative
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22						
Eagle		3	5	1							3		5		1		3		5		1							
Ciconia ciconia		27	30	2							27		30		2		27		30		2							
Rocklet		3	5	1							3		5		1		5		5		1							

Magpie	3	5	2				3	5	2	3	5	2				
Crow	23	43	20				20	38	17	23	43	20				
Wild goose	3	9	4	2	1	2	1	9	15	3	1	9	15	3	1	
Wild duck	60	71	23				57	61	17	60	71	23				
Wild pigeon	12	26	7				9	17	2	6	1	12	24	2	6	1

• for subtype H5

2007

# Avian influenza surveillance in wild birds in the Member States

Data as from 1 January to 31 March 2007 (reporting period refers to the date of receipt of the sample at testing laboratory/column 6)

## REVISED PROTOCOL

Information on each sample tested should be inserted individually

Member State: ROMANIA

Serial number of the bird	Laboratory number/identification of the bird	Bird ring number as appropriate	Type of Sample (1) Cloacal swab (2) Fresh faeces (3) Tracheal or oropharyngeal swab (4) Tissue (5) Blood (6) Other	Date of sampling in the field/place of bird origin	Date of receipt of sample in testing laboratory ensuring traceability	Species - use the EURING code from <a href="http://www.euring.org">http://www.euring.org</a>	GEO of sample		Status of bird	Results of the test			Subtype detected
							NUTS 2 code (as minimum requirement)	LONG - Y LAT - X		Nucleic acid detection (PCR)	Virus isolation	Serology (confirmatory)	
1			(1) Cloacal swab	18/2007	11/23/2007	15073	PV 18 Lemn	24 35	47 32	(1) live and clinically healthy (2) live and clinically diseased (3) injured (4) hunted clinically healthy (5) hunted clinically diseased (6) found dead	(1) positive (2) negative (3) not performed	(1) positive (2) negative (3) not performed	(1) HPAI H5 (define strain) (2) HPAI H5N1 (define strain) (3) HPAI H7 (define N if known) (4) HPAI H7 (define N if known) (5) LPAI H7 (define N if known) (6) Other (PAI subtype if known indicate) (7) Influenza A subtype not identified
2			(1) Cloacal swab	18/2007	11/23/2007	15073	PV 18 Lemn	24 35	47 32	(1) live and clinically healthy (2) live and clinically diseased (3) injured (4) hunted clinically healthy (5) hunted clinically diseased (6) found dead	(1) positive (2) negative (3) not performed	(1) positive (2) negative (3) not performed	(1) HPAI H5 (define strain) (2) HPAI H5N1 (define strain) (3) HPAI H7 (define N if known) (4) HPAI H7 (define N if known) (5) LPAI H7 (define N if known) (6) Other (PAI subtype if known indicate) (7) Influenza A subtype not identified
3			(1) Cloacal swab	18/2007	11/23/2007	15073	PV 7 Baplugu	24 35	47 32	(1) live and clinically healthy (2) live and clinically diseased (3) injured (4) hunted clinically healthy (5) hunted clinically diseased (6) found dead	(1) positive (2) negative (3) not performed	(1) positive (2) negative (3) not performed	(1) HPAI H5 (define strain) (2) HPAI H5N1 (define strain) (3) HPAI H7 (define N if known) (4) HPAI H7 (define N if known) (5) LPAI H7 (define N if known) (6) Other (PAI subtype if known indicate) (7) Influenza A subtype not identified
4			(1) Cloacal swab	18/2007	11/23/2007	15073	PV 7 Baplugu	24 35	47 32	(1) live and clinically healthy (2) live and clinically diseased (3) injured (4) hunted clinically healthy (5) hunted clinically diseased (6) found dead	(1) positive (2) negative (3) not performed	(1) positive (2) negative (3) not performed	(1) HPAI H5 (define strain) (2) HPAI H5N1 (define strain) (3) HPAI H7 (define N if known) (4) HPAI H7 (define N if known) (5) LPAI H7 (define N if known) (6) Other (PAI subtype if known indicate) (7) Influenza A subtype not identified
5			(1) Cloacal swab	18/2007	11/23/2007	15073	PV 7 Jielugie	24 35	47 32	(1) live and clinically healthy (2) live and clinically diseased (3) injured (4) hunted clinically healthy (5) hunted clinically diseased (6) found dead	(1) positive (2) negative (3) not performed	(1) positive (2) negative (3) not performed	(1) HPAI H5 (define strain) (2) HPAI H5N1 (define strain) (3) HPAI H7 (define N if known) (4) HPAI H7 (define N if known) (5) LPAI H7 (define N if known) (6) Other (PAI subtype if known indicate) (7) Influenza A subtype not identified
6			(1) Cloacal swab	18/2007	11/23/2007	15090	PV 22 Dumara	24 48	47 32	(1) live and clinically healthy (2) live and clinically diseased (3) injured (4) hunted clinically healthy (5) hunted clinically diseased (6) found dead	(1) positive (2) negative (3) not performed	(1) positive (2) negative (3) not performed	(1) HPAI H5 (define strain) (2) HPAI H5N1 (define strain) (3) HPAI H7 (define N if known) (4) HPAI H7 (define N if known) (5) LPAI H7 (define N if known) (6) Other (PAI subtype if known indicate) (7) Influenza A subtype not identified
7			(1) Cloacal swab	18/2007	11/23/2007	15100	PV 22 Dumara	24 48	47 32	(1) live and clinically healthy (2) live and clinically diseased (3) injured (4) hunted clinically healthy (5) hunted clinically diseased (6) found dead	(1) positive (2) negative (3) not performed	(1) positive (2) negative (3) not performed	(1) HPAI H5 (define strain) (2) HPAI H5N1 (define strain) (3) HPAI H7 (define N if known) (4) HPAI H7 (define N if known) (5) LPAI H7 (define N if known) (6) Other (PAI subtype if known indicate) (7) Influenza A subtype not identified
8			(1) Cloacal swab	18/2007	11/23/2007	15490	PV 22 Dumara	24 48	47 32	(1) live and clinically healthy (2) live and clinically diseased (3) injured (4) hunted clinically healthy (5) hunted clinically diseased (6) found dead	(1) positive (2) negative (3) not performed	(1) positive (2) negative (3) not performed	(1) HPAI H5 (define strain) (2) HPAI H5N1 (define strain) (3) HPAI H7 (define N if known) (4) HPAI H7 (define N if known) (5) LPAI H7 (define N if known) (6) Other (PAI subtype if known indicate) (7) Influenza A subtype not identified
9			(1) Cloacal swab	18/2007	11/23/2007	15490	PV 6 J Jiles	24 35	47 42	(1) live and clinically healthy (2) live and clinically diseased (3) injured (4) hunted clinically healthy (5) hunted clinically diseased (6) found dead	(1) positive (2) negative (3) not performed	(1) positive (2) negative (3) not performed	(1) HPAI H5 (define strain) (2) HPAI H5N1 (define strain) (3) HPAI H7 (define N if known) (4) HPAI H7 (define N if known) (5) LPAI H7 (define N if known) (6) Other (PAI subtype if known indicate) (7) Influenza A subtype not identified
10			(1) Cloacal swab	18/2007	11/23/2007	15460	PV 6 J Jiles	24 35	47 42	(1) live and clinically healthy (2) live and clinically diseased (3) injured (4) hunted clinically healthy (5) hunted clinically diseased (6) found dead	(1) positive (2) negative (3) not performed	(1) positive (2) negative (3) not performed	(1) HPAI H5 (define strain) (2) HPAI H5N1 (define strain) (3) HPAI H7 (define N if known) (4) HPAI H7 (define N if known) (5) LPAI H7 (define N if known) (6) Other (PAI subtype if known indicate) (7) Influenza A subtype not identified
11			(1) Cloacal swab	18/2007	11/23/2007	15460	PV 6 J Jiles	24 35	47 42	(1) live and clinically healthy (2) live and clinically diseased (3) injured (4) hunted clinically healthy (5) hunted clinically diseased (6) found dead	(1) positive (2) negative (3) not performed	(1) positive (2) negative (3) not performed	(1) HPAI H5 (define strain) (2) HPAI H5N1 (define strain) (3) HPAI H7 (define N if known) (4) HPAI H7 (define N if known) (5) LPAI H7 (define N if known) (6) Other (PAI subtype if known indicate) (7) Influenza A subtype not identified
12			(1) Cloacal swab	18/2007	11/23/2007	15080	PV 10 Mladu	24 37	47 33	(1) live and clinically healthy (2) live and clinically diseased (3) injured (4) hunted clinically healthy (5) hunted clinically diseased (6) found dead	(1) positive (2) negative (3) not performed	(1) positive (2) negative (3) not performed	(1) HPAI H5 (define strain) (2) HPAI H5N1 (define strain) (3) HPAI H7 (define N if known) (4) HPAI H7 (define N if known) (5) LPAI H7 (define N if known) (6) Other (PAI subtype if known indicate) (7) Influenza A subtype not identified
13			(1) Cloacal swab	18/2007	11/23/2007	15460	PV 20 Mladu	24 37	47 33	(1) live and clinically healthy (2) live and clinically diseased (3) injured (4) hunted clinically healthy (5) hunted clinically diseased (6) found dead	(1) positive (2) negative (3) not performed	(1) positive (2) negative (3) not performed	(1) HPAI H5 (define strain) (2) HPAI H5N1 (define strain) (3) HPAI H7 (define N if known) (4) HPAI H7 (define N if known) (5) LPAI H7 (define N if known) (6) Other (PAI subtype if known indicate) (7) Influenza A subtype not identified
14			(1) Cloacal swab	18/2007	11/23/2007	15460	PV 20 Mladu	24 37	47 33	(1) live and clinically healthy (2) live and clinically diseased (3) injured (4) hunted clinically healthy (5) hunted clinically diseased (6) found dead	(1) positive (2) negative (3) not performed	(1) positive (2) negative (3) not performed	(1) HPAI H5 (define strain) (2) HPAI H5N1 (define strain) (3) HPAI H7 (define N if known) (4) HPAI H7 (define N if known) (5) LPAI H7 (define N if known) (6) Other (PAI subtype if known indicate) (7) Influenza A subtype not identified
15			(1) Cloacal swab	18/2007	11/23/2007	15490	PV 9 Talsu	24 4	47 43	(1) live and clinically healthy (2) live and clinically diseased (3) injured (4) hunted clinically healthy (5) hunted clinically diseased (6) found dead	(1) positive (2) negative (3) not performed	(1) positive (2) negative (3) not performed	(1) HPAI H5 (define strain) (2) HPAI H5N1 (define strain) (3) HPAI H7 (define N if known) (4) HPAI H7 (define N if known) (5) LPAI H7 (define N if known) (6) Other (PAI subtype if known indicate) (7) Influenza A subtype not identified

16	16	18/2007	11/22/2007	15490	FV 9 (1) (1)	25.4	47.45	1	4		
17	17	18/2007	11/22/2007	15490	FV 9 (1) (1)	26.4	47.43	1	4		
18	18	18/2007	11/22/2007	15490	FV 24 (1) (1) (1)	24.52	47.08	1	4		
19	19	18/2007	11/22/2007	15490	FV 24 (1) (1) (1)	24.52	47.08	1	4		
20	20	18/2007	11/22/2007	15490	FV 24 (1) (1) (1)	24.52	47.08	1	4		
21	21	18/2007	11/22/2007	15490	FV 24 (1) (1) (1)	24.52	47.08	1	4		
22	22	18/2007	11/22/2007	15490	FV 24 (1) (1) (1)	24.52	47.08	1	4		
23	23	18/2007	11/22/2007	15490	FV 16 (1) (1) (1)	24.94	47.37	1	4		
24	24	18/2007	11/22/2007	15490	FV 16 (1) (1) (1)	24.94	47.37	1	4		
25	25	18/2007	11/22/2007	15490	FV 16 (1) (1) (1)	24.94	47.37	1	4		
26	26	18/2007	11/22/2007	15490	FV 16 (1) (1) (1)	24.94	47.37	1	4		
27	27	18/2007	11/22/2007	15791	FV 32 (1) (1) (1)	24.58	47.02	1	4		
28	28	18/2007	11/22/2007	15729	FV 32 (1) (1) (1)	24.55	47.02	1	4		
29	29	18/2007	11/22/2007	15829	FV 32 (1) (1) (1)	28.6	46.56	1	4		
30	30	18/2007	11/22/2007	15829	FV 32 (1) (1) (1)	28.6	46.56	1	4		
31	31	18/2007	11/22/2007	15829	FV 32 (1) (1) (1)	28.6	46.56	1	4		
32	32	18/2007	11/22/2007	15829	FV 32 (1) (1) (1)	28.6	46.56	1	4		
33	33	18/2007	11/22/2007	15900	FV 32 (1) (1) (1)	23.6	46.56	1	4		
34	34	18/2007	11/22/2007	15900	FV 32 (1) (1) (1)	23.6	46.56	1	4		
35	35	18/2007	11/22/2007	15900	FV 32 (1) (1) (1)	23.6	46.56	1	4		
36	36	18/2007	11/22/2007	15900	FV 32 (1) (1) (1)	23.6	46.56	1	4		
37	37	18/2007	11/22/2007	15900	FV 32 (1) (1) (1)	23.6	46.56	1	4		
38	38	18/2007	11/22/2007	15900	FV 32 (1) (1) (1)	23.6	46.56	1	4		
39	39	18/2007	11/22/2007	15900	FV 32 (1) (1) (1)	23.6	46.56	1	4		
40	40	18/2007	11/22/2007	15900	FV 32 (1) (1) (1)	23.6	46.56	1	4		
41	41	18/2007	11/22/2007	15900	FV 32 (1) (1) (1)	23.6	46.56	1	4		



76	104	7/28/2007	8/5/2007	165769	V-8 Balsa	23.19	47.09	4	2									
77	104	2/28/2007	3/5/2007	120040	V-8 Balsa	23.19	47.46	4	2									
78	105	2/27/2007	3/5/2007	039440	V-9 Light	23.09	47.36	4	2									
79	106	2/27/2007	3/5/2007	030630	V-9 Light	23.09	47.46	4	2									
80	107	2/27/2007	3/5/2007	14490	V-9 Light	23.09	47.46	4	2									
81	108	2/27/2007	3/5/2007	038440	V-9 Light	23.09	47.36	4	2									
82	109	2/27/2007	3/5/2007	14740	V-9 Light	23.12	47.36	4	2									
83	110	2/27/2007	3/5/2007	039360	V-7 Nova	23.12	47.36	4	2									
84	111	2/28/2007	3/5/2007	018660	V-8 Nova	23.12	47.36	4	2									
85	112	2/28/2007	3/5/2007	120410	V-7 Nova	23.12	47.36	4	2									
86	113	2/28/2007	3/5/2007	090740	V-7 Nova	23.12	47.36	4	2									
87	114	2/28/2007	3/5/2007	039440	V-8 Hawk	22.58	47.5	4	2									
88	115	2/25/2007	3/5/2007	018660	V-8 Hawk	22.58	47.5	4	2									
89	116	2/25/2007	3/5/2007	13670	V-8 Hawk	22.58	47.5	4	2									
90	117	2/25/2007	3/5/2007	15490	V-8 Hawk	22.58	47.5	4	2									
91	118	2/25/2007	3/5/2007	19510	V-8 Hawk	22.58	47.5	4	2									
92	119	2/27/2007	3/5/2007	039440	V-8 Hawk	22.45	47.48	4	2									
93	120	2/27/2007	3/5/2007	018660	V-8 Hawk	22.45	47.48	4	2									
94	121	2/27/2007	3/5/2007	030640	V-8 Hawk	22.45	47.48	4	2									
95	122	2/27/2007	3/5/2007	15420	V-8 Hawk	22.45	47.48	4	2									
96	123	2/27/2007	3/5/2007	19510	V-8 Hawk	22.45	47.48	4	2									
97	124	2/27/2007	3/5/2007	030640	V-8 Hawk	22.27	47.31	4	2									
98	125	2/27/2007	3/5/2007	033860	V-8 Hawk	22.27	47.31	4	2									
99	126	2/28/2007	3/5/2007	038440	V-8 Hawk	22.27	47.31	4	2									
100	127	2/28/2007	3/5/2007	19510	V-8 Hawk	22.27	47.31	4	2									
101	128	2/28/2007	3/5/2007	15390	V-8 Hawk	22.27	47.31	4	2									
102	129	2/28/2007	3/5/2007	030760	V-8 Hawk	22.54	47.97	4	2									
103	130	2/28/2007	3/5/2007	041860	V-8 Hawk	22.54	47.97	4	2									
104	131	2/28/2007	3/5/2007	15690	V-8 Hawk	22.54	47.97	4	2									
105	132	2/28/2007	3/5/2007	18300	V-8 Hawk	22.54	47.97	4	2									
106	133	2/28/2007	3/5/2007	18890	V-8 Hawk	22.54	47.97	4	2									
107	134	2/27/2007	3/5/2007	030460	V-8 Hawk	22.58	47.42	4	2									
108	135	2/27/2007	3/5/2007	068460	V-8 Hawk	22.58	47.42	4	2									
109	136	2/27/2007	3/5/2007	19510	V-8 Hawk	22.58	47.42	4	2									
110	137	2/27/2007	3/5/2007	18300	V-8 Hawk	22.35	47.42	4	2									
111	138	2/27/2007	3/5/2007	15890	V-8 Hawk	22.38	47.42	4	2									
112	139	2/28/2007	3/5/2007	15670	V-8 Hawk	23.12	47.46	4	2									
113	140	2/28/2007	3/5/2007	15360	V-8 Hawk	23.12	47.46	4	2									



141	419	5-8-2007	5-22-2007	066880	Zamboni	26.58	49.81	2	2					
141	419	5-6-2007	5-17-2007	066880	Zamboni	26.55	48.81	2	2					
142	708	2-26-2007	3-26-2007	066880	Large Screen	26.36	47.2	6	2					
142	708	2-26-2007	3-26-2007	066880	Large Screen	26.36	47.2	6	2					
143	708	3-26-2007	3-26-2007	066880	Large Screen	26.36	47.1	6	2					
143	708	3-26-2007	3-26-2007	066880	Large Screen	26.36	47.1	6	2					
144	708	3-26-2007	3-26-2007	066880	Large Screen	26.36	47.2	6	2					
144	708	3-26-2007	3-26-2007	066880	Large Screen	26.36	47.2	6	2					
145	824	3-4-2007	3-4-2007	066880	Yacht	26.79	46.61	6	2					
145	824	3-4-2007	3-4-2007	066880	Yacht	26.79	46.61	6	2					
146	117	2-8-2007	2-8-2007	01590	Boat	27.98	48.26	4	2					
146	117	2-8-2007	2-8-2007	01590	Boat	27.98	48.26	4	2					
148	118	2-8-2007	2-8-2007	01590	Boat	27.98	48.26	4	2					
148	118	2-8-2007	2-8-2007	01590	Boat	27.98	48.26	4	2					
149	522	2-19-2007	2-19-2007	19073	Boat	27.98	45.26	6	2					
149	522	2-19-2007	2-19-2007	19073	Boat	27.98	45.26	6	2					
150	363	3-11-2007	3-11-2007	03670	Boat	19.98	45.26	6	2					
150	363	3-11-2007	3-11-2007	03670	Boat	19.98	45.26	6	2					
151	117	2-8-2007	2-8-2007	01590	Boat	27.98	48.26	4	2					
151	117	2-8-2007	2-8-2007	01590	Boat	27.98	48.26	4	2					
152	522	2-19-2007	2-19-2007	19073	Boat	27.98	45.26	6	2					
152	522	2-19-2007	2-19-2007	19073	Boat	27.98	45.26	6	2					
153	3	2-20-2007	2-20-2007	06840	FY-2-Motor	28.66	44.91	4	2					
153	3	2-20-2007	2-20-2007	06840	FY-2-Motor	28.66	44.91	4	2					
154	3	2-20-2007	2-20-2007	06840	FY-2-Motor	28.66	44.91	4	2					
154	3	2-20-2007	2-20-2007	06840	FY-2-Motor	28.66	44.91	4	2					
156	586	2-14-2007	2-14-2007	01830	Shoe	28.33	41.62	3	2					
156	586	2-14-2007	2-14-2007	01830	Shoe	28.33	41.62	3	2					
157	197	2-19-2007	2-19-2007	03840	Screen	29.06	45.35	3	2					
157	197	2-19-2007	2-19-2007	03840	Screen	29.06	45.35	3	2					
158	287	2-4-2007	2-4-2007	03840	Screen	29.27	45.38	3	2					
158	287	2-4-2007	2-4-2007	03840	Screen	29.27	45.38	3	2					
159	197	2-19-2007	2-19-2007	03840	Screen	29.24	45.32	3	2					
159	197	2-19-2007	2-19-2007	03840	Screen	29.24	45.32	3	2					
160	298	2-5-2007	2-5-2007	01860	Screen	28.45	45.26	3	2					
160	298	2-5-2007	2-5-2007	01860	Screen	28.45	45.26	3	2					
161	298	2-5-2007	2-5-2007	01860	Screen	28.45	45.26	3	2					
161	298	2-5-2007	2-5-2007	01860	Screen	28.45	45.26	3	2					
162	298	2-5-2007	2-5-2007	01860	Screen	28.45	45.26	3	2					
162	298	2-5-2007	2-5-2007	01860	Screen	28.45	45.26	3	2					
163	298	2-5-2007	2-5-2007	01860	Screen	28.45	45.26	3	2					
163	298	2-5-2007	2-5-2007	01860	Screen	28.45	45.26	3	2					
164	298	2-5-2007	2-5-2007	01860	Screen	28.45	45.26	3	2					
164	298	2-5-2007	2-5-2007	01860	Screen	28.45	45.26	3	2					
165	299	2-5-2007	2-5-2007	01860	Screen	28.05	45.18	3	2					
165	299	2-5-2007	2-5-2007	01860	Screen	28.05	45.18	3	2					
166	309	2-6-2007	2-6-2007	01860	Screen	29.04	45.35	3	2					
166	309	2-6-2007	2-6-2007	01860	Screen	29.04	45.35	3	2					
167	309	2-6-2007	2-6-2007	01860	Screen	29.04	45.35	3	2					
167	309	2-6-2007	2-6-2007	01860	Screen	29.04	45.35	3	2					
168	309	2-6-2007	2-6-2007	01860	Screen	29.04	45.35	3	2					
168	309	2-6-2007	2-6-2007	01860	Screen	29.04	45.35	3	2					
169	309	2-6-2007	2-6-2007	01860	Screen	29.04	45.35	3	2					
169	309	2-6-2007	2-6-2007	01860	Screen	29.04	45.35	3	2					
170	314	2-8-2007	2-8-2007	01860	Screen	28.29	45.41	3	2					
170	314	2-8-2007	2-8-2007	01860	Screen	28.29	45.41	3	2					
171	314	2-8-2007	2-8-2007	01860	Screen	28.29	45.41	3	2					
171	314	2-8-2007	2-8-2007	01860	Screen	28.29	45.41	3	2					
172	314	2-8-2007	2-8-2007	01860	Screen	28.14	44.92	3	2					
172	314	2-8-2007	2-8-2007	01860	Screen	28.14	44.92	3	2					



171	344	2.R.2007	2.8.2007	04290	Centova	28.14	44.92	3	4	3
175	368	27.27207	2.13.2007	03030	favurle	28.94	45.02	3	4	3
176	368	27.27207	2.13.2007	03030	favurle	28.94	45.02	3	4	3
177	368	27.27207	2.13.2007	04290	favurle	28.94	45.02	3	4	3
178	368	27.27207	2.13.2007	03260	favurle	28.94	45.02	3	4	3
179	368	27.27207	2.13.2007	03260	favurle	28.94	45.02	3	4	3
180	368	27.27207	2.13.2007	03260	favurle	28.94	45.02	3	4	3
181	368	27.27207	2.13.2007	03260	favurle	28.94	45.02	3	4	3
182	368	27.27207	2.13.2007	03260	favurle	28.94	45.02	3	4	3
183	368	27.27207	2.13.2007	03260	favurle	28.94	45.02	3	4	3
184	368	27.27207	2.13.2007	03260	favurle	28.94	45.02	3	4	3
185	368	27.27207	2.13.2007	03260	favurle	28.94	45.02	3	4	3
186	368	27.27207	2.13.2007	03260	favurle	28.94	45.02	3	4	3
187	368	27.27207	2.13.2007	1803	Salesara	27.77	46.14	3	4	3
188	369	27.27207	2.13.2007	1803	Salesara	27.77	46.14	3	4	3
189	369	27.27207	2.13.2007	1803	Salesara	27.77	46.14	3	4	3
190	369	27.27207	2.13.2007	1803	Salesara	27.77	46.14	3	4	3
191	370	27.27207	2.13.2007	07570	Mureglia	29.16	45.07	3	4	3
192	372	27.27207	2.13.2007	01860	Sanzen	29.16	44.96	3	4	3
193	372	27.27207	2.13.2007	04290	Sanzen	29.16	44.96	3	4	3
194	372	27.27207	2.13.2007	04290	Sanzen	29.16	44.96	3	4	3
195	372	27.27207	2.13.2007	04290	Sanzen	29.16	44.96	3	4	3
196	372	27.27207	2.13.2007	04290	Sanzen	29.16	44.96	3	4	3
197	373	27.27207	2.13.2007	01600	Mla. 23	35.72	45.22	3	4	3
198	354	27.27207	2.13.2007	01860	Perpiva	29.54	45.40	3	4	3
199	351	27.27207	2.13.2007	01910	Perpiva	29.54	45.37	3	4	3
200	351	27.27207	2.13.2007	01910	Perpiva	29.54	45.40	3	4	3
201	394	27.27207	2.13.2007	01860	Sanzen	28.05	45.18	3	4	3
202	394	27.27207	2.13.2007	01860	Sanzen	28.05	45.18	3	4	3
203	394	27.27207	2.13.2007	01860	Sanzen	28.05	45.18	3	4	3
204	394	27.27207	2.13.2007	01860	Sanzen	28.05	45.18	3	4	3
205	394	27.27207	2.13.2007	01860	Sanzen	28.05	45.18	3	4	3
206	394	27.27207	2.13.2007	01860	Sanzen	28.05	45.18	3	4	3
207	395	27.27207	2.13.2007	01860	Sanzen	28.05	45.18	3	4	3
208	395	27.27207	2.13.2007	01860	Sanzen	28.05	45.18	3	4	3
209	662	3.13.2007	3.5.2007	07380	Talpa	28.8	45.16	3	6	3
210	867	3.13.2007	3.16.2007	01860	Sanzen	28.06	44.1	3	4	3
211	867	3.13.2007	3.16.2007	01860	Sanzen	28.06	44.1	3	4	3

202	867	1/15/2007	2/16/2007	011810	Bona	28.66	44.71	3	4	1	2	1	
203	867	1/15/2007	2/16/2007	012460	Bona	28.66	44.71	3	4	1	2	1	
214	867	1/15/2007	2/16/2007	012190	Bona	28.66	44.71	3	4	1	2	1	
215	867	1/15/2007	2/16/2007	012390	Bona	28.66	44.71	3	4	1	2	1	
216	993	1/20/2007	2/20/2007	018190	C. J. Van Nieuwen	29.29	45.41	3	4	6	3	3	
217	995	1/20/2007	2/20/2007	018199	C. J. Van Nieuwen	29.29	45.41	3	4	6	3	3	
218	929	1/20/2007	2/20/2007	018200	Leonic	28.91	45.02	2	4	1	3	2	
219	919	1/20/2007	2/20/2007	018209	Leonic	28.95	45.04	3	4	1	3	2	
220	409	1/21/2007	2/22/2007	019100	Vanuie	28.96	45.04	4	4	1	3	2	
221	300	2/11/2007	2/22/2007	019110	Vanuie	28.97	45.05	3	4	1	3	2	
222	916	2/21/2007	2/22/2007	019200	Madette	28.98	45.06	3	4	1	3	2	
223	1	1/20/2007	2/15/2007	019600	Vanuie	26.9	45.21	1	4	1	3	2	
224	2	1/20/2007	2/15/2007	018660	Vanuie	26.9	45.21	1	4	1	3	2	
225	3	1/20/2007	2/15/2007	018660	Vanuie	26.9	45.21	1	4	1	3	2	
226	4	1/20/2007	2/15/2007	018660	Vanuie	26.9	45.21	1	4	1	3	2	
227	5	2/15/2007	2/15/2007	018669	Vanuie	26.9	45.21	1	4	1	3	2	
228	6	2/15/2007	2/15/2007	018669	Vanuie	26.9	45.21	1	4	1	3	2	
229	9	2/15/2007	2/15/2007	019200	Vanuie	26.9	45.21	1	4	1	3	2	
230	8	2/12/2007	2/15/2007	019209	Vanuie	26.9	45.21	1	4	1	3	2	
231	9	2/12/2007	2/15/2007	018660	Vanuie	26.9	45.21	1	4	1	3	2	
232	10	2/12/2007	2/15/2007	134900	Vanuie	26.9	45.21	1	4	1	3	2	
233	11	2/12/2007	2/15/2007	018660	Vanuie	26.9	45.21	1	4	1	3	2	
234	12	2/12/2007	2/15/2007	018660	Vanuie	26.9	45.21	1	4	1	3	2	
235	13	2/12/2007	2/15/2007	016100	Vanuie	26.9	45.21	1	4	1	3	2	
236	14	2/12/2007	2/15/2007	018660	Vanuie	26.9	45.21	1	4	1	3	2	
237	15	2/12/2007	2/15/2007	018660	Vanuie	26.9	45.21	1	4	1	3	2	
238	16	2/12/2007	2/15/2007	016100	Vanuie	26.9	45.21	1	4	1	3	2	
239	17	2/12/2007	2/15/2007	018660	Vanuie	26.9	45.21	1	4	1	3	2	
240	18	2/12/2007	2/15/2007	018660	Vanuie	26.9	45.21	1	4	1	3	2	
241	19	2/12/2007	2/15/2007	018660	Vanuie	26.9	45.21	1	4	1	3	2	
242	20	2/12/2007	2/15/2007	019100	Vanuie	26.9	45.21	1	4	1	3	2	
243	21	2/20/2007	2/21/2007	018310	Vanuie	24.931	44.901	1	4	0	2	2	
244	524	2/28/2007	2/28/2007	019100	Vanuie	25.111	44.611	1	4	0	2	2	
245	525	2/28/2007	2/28/2007	018660	Vanuie	25.45	44.93	1	4	0	2	2	
246	302	1/12/2007	1/13/2007	15671	Vanuie	25.51	44.59	1	4	0	2	2	
247	466	1/22/2007	1/23/2007	15671	Vanuie	26.57	44.59	1	4	0	2	2	
248	599	1/22/2007	1/23/2007	15671	Vanuie	26.57	44.59	1	4	0	2	2	
249	670	2/12/2007	2/13/2007	134900	Vanuie	26.63	44.59	1	4	0	2	2	

250	671			1	112-2007	112-2007	15490		Varden	25.51	41.39											
251	672			1	130-2007	130-2007	15671		Taravuste	25.45	41.93											
252	643			1	223-2007	223-2007	06840		Taravuste	25.45	41.93											
253	604			1	275-2007	275-2007	06810		Taravuste	25.45	41.93											
254	645			1	226-2007	226-2007	06840		Taravuste	25.45	41.93											
255	1273			1	216-2007	216-2007	15671		Taravuste	25.45	41.93											
256	1374			1	216-2007	216-2007	15671		Taravuste	25.45	41.93											
257	1375			1	216-2007	216-2007	15671		Taravuste	25.45	41.93											
258	1376			1	216-2007	216-2007	15671		Taravuste	25.45	41.93											
259	1377			1	216-2007	216-2007	15671		Taravuste	25.45	41.93											
260	2111			1	3-0-2007	3-20-2007	14490		Taravuste	25.45	41.93											
261	2112			1	3-19-2007	3-20-2007	14490		Taravuste	25.45	41.93											
262	2113			1	3-19-2007	3-20-2007	14490		Taravuste	25.45	41.93											
263	2114			1	3-19-2007	3-20-2007	14490		Taravuste	25.45	41.93											
264	2115			1	3-19-2007	3-20-2007	15671		Taravuste	25.45	41.93											
265	2118			1	3-28-2007	3-29-2007	14490		Taravuste	25.45	41.93											
266	2119			1	3-28-2007	3-29-2007	07140		Taravuste	25.45	41.93											
267	1			1	2-18-2007	2-19-2007	01820		Alexandria	25.37	43.98											
268	2			1	2-18-2007	2-19-2007	04490		Alexandria	25.33	43.98											
269	3			1	2-18-2007	2-19-2007	15490		Alexandria	25.33	43.98											
270	5			1	2-18-2007	2-19-2007	01840		Alexandria	25.33	43.98											
271	5			1	2-18-2007	2-19-2007	01860		Alexandria	25.33	43.98											
272	6			1	2-18-2007	2-19-2007	01590		Alexandria	25.37	43.98											
273	7			1	2-18-2007	2-19-2007	01590		Alexandria	25.37	43.98											
274	8			1	2-18-2007	2-19-2007	01590		Alexandria	25.37	43.98											
275	9			1	2-18-2007	2-19-2007	01590		Alexandria	25.37	43.98											
276	10			1	2-18-2007	2-19-2007	01590		Alexandria	25.33	43.98											
277	3076			1	2-8-2007	2-8-2007	15010		Bucarest	2652650	4403550											
278	3076			3	2-8-2007	2-8-2007	15010		Bucarest	3002650	4403550											
279	3076			4	2-8-2007	2-8-2007	15010		Bucarest	3600650	4403550											
279	3076			1	2-8-2007	2-8-2007	06700		Bucarest	2002650	4403550											
279	3076			3	2-8-2007	2-8-2007	06700		Bucarest	3002650	4403550											
279	3076			4	2-8-2007	2-8-2007	06700		Bucarest	3002650	4403550											
279	3076			1	2-9-2007	2-9-2007	15820		Bucarest	2002650	4403550											
279	3076			3	2-9-2007	2-9-2007	15820		Bucarest	3002650	4403550											



304	1981	3-9-2007	1-8-2007	039465	Crainsa	23 80	44 31	2	2
305	1982	3-9-2007	3-9-2007	039465	Gheorgheni	23 90	44 35	2	2
306	1987	3-12-2007	3-12-2007	039466	Crainsa	23 80	44 37	2	2
307	1988	3-12-2007	3-12-2007	039466	Crainsa	23 80	44 37	2	2
308	1989	3-12-2007	3-12-2007	039466	Crainsa	23 80	44 37	2	2
309	1988	1-5-2007	03-01-2007	018660	F.V.14 Sighet	24 26	44 52	2	2
309	1983	1-5-2007	03-01-2007	018660	F.V.14 Sighet	24 26	44 52	2	2
309	1983	1-3-2007	03-01-2007	018660	F.V.14 Sighet	24 26	44 52	2	2
310	1987	1-3-2007	04-01-2007	018660	F.V.14 Sighet	24 26	44 52	2	2
310	1987	1-3-2007	04-01-2007	018660	F.V.14 Sighet	24 26	44 52	2	2
310	1987	1-3-2007	04-01-2007	018660	F.V.14 Sighet	24 26	44 52	2	2
311	1988	1-4-2007	04-01-2007	018660	F.V.35 Baciu	24 31	44 23	2	2
311	1988	1-4-2007	04-01-2007	018660	F.V.35 Baciu	24 31	44 23	2	2
311	1988	1-4-2007	04-01-2007	018660	F.V.35 Baciu	24 31	44 23	2	2
312	1988	1-4-2007	04-01-2007	018660	F.V.35 Baciu	24 31	44 23	2	2
312	1988	1-4-2007	01-01-2007	018610	F.V.33 Colelea	24 356	44 301	2	2
312	1988	1-4-2007	04-01-2007	018610	F.V.33 Colelea	24 356	44 301	2	2
312	1988	1-4-2007	04-01-2007	018610	F.V.33 Colelea	24 356	44 301	2	2
313	1989	1-8-01-2007	18-01-2007	018660	F.V.11 Sighet	25 08	47 44	2	2
313	1989	1-8-01-2007	18-01-2007	018660	F.V.11 Sighet	25 08	47 44	2	2
313	1989	1-8-01-2007	18-01-2007	018660	F.V.11 Sighet	25 08	47 44	2	2
314	1983	22-01-2007	22-01-2007	018660	F.V.48 Scarișoara	24 57	43 99	2	2
314	1983	22-01-2007	22-01-2007	018660	F.V.48 Scarișoara	24 57	43 99	2	2
314	1983	22-01-2007	22-01-2007	018660	F.V.48 Scarișoara	24 57	43 99	2	2
315	12-18	25-01-2007	25-01-2007	018660	F.V.22 Iacea	24 21	43 82	2	2
315	12-18	25-01-2007	25-01-2007	018660	F.V.22 Iacea	24 21	43 82	2	2
315	12-18	25-01-2007	25-01-2007	018660	F.V.22 Iacea	24 21	43 82	2	2
316	12-18	26-01-2007	26-01-2007	018660	F.V.28 Scarișoara	24 57	43 99	2	2
316	12-18	26-01-2007	26-01-2007	018660	F.V.28 Scarișoara	24 57	43 99	2	2
316	12-18	26-01-2007	26-01-2007	018660	F.V.28 Scarișoara	24 57	43 99	2	2
317	1984	1-20-2007	31-01-2007	018660	F.V.48 Scarișoara	24 57	43 99	2	2
317	1984	1-20-2007	31-01-2007	018660	F.V.48 Scarișoara	24 57	43 99	2	2
317	1984	1-20-2007	31-01-2007	018660	F.V.48 Scarișoara	24 57	43 99	2	2
318	12-205	01-02-2007	02-02-2007	018660	F.V.13 Salim	25 08	47 44	2	2
318	12-205	01-02-2007	02-02-2007	018660	F.V.13 Salim	25 08	47 44	2	2
318	12-205	01-02-2007	02-02-2007	018660	F.V.13 Salim	25 08	47 44	2	2
319	12-212	02-02-2007	02-02-2007	018610	F.V.22 Pivovari	24 23	46 29	2	2
319	12-212	02-02-2007	02-02-2007	018610	F.V.22 Pivovari	24 23	46 29	2	2
319	12-212	02-02-2007	02-02-2007	018610	F.V.22 Pivovari	24 23	46 29	2	2
320	12-206	3-02-2007	3-02-2007	018660	F.V.13 Sighet	25 08	47 44	2	2



326	4331	2.21.2007	2.21.2007	01820	Ev.14 Bonneau	24.41	45.21	2	2
329	4332	2.21.2007	2.21.2007	01820	Ev. 3 Courau	21.29	43.51	1	2
340	5332	2.27.2007	2.27.2007	01820	Ev.35 Sausou	24.18	44.51	1	2
341	5482	2.28.2007	2.28.2007	01820	Ev.25 Sausou	24.18	43.11	1	2
342	5483	2.28.2007	2.28.2007	01820	Ev.45 Sausou	24.18	43.11	1	2
343	5485	2.28.2007	2.28.2007	01820	Ev.15 Sausou	24.18	44.11	1	2
344	327	2.18.2007	2.28.2007	01860	Japava	21.07	46.08	1	2
345	325	2.18.2007	2.28.2007	01860	Japava	21.07	46.48	1	2
346	321	2.18.2007	2.28.2007	01860	Japava	21.07	46.48	1	2
347	325	2.18.2007	2.28.2007	15620	Arad	21.31	46.18	1	2
348	324	2.18.2007	2.28.2007	01340	Arad	21.31	46.18	1	2
347	480	2.13.2007	2.26.2007	01860	Arad	21.31	46.18	1	2
352	486	2.21.2007	2.26.2007	01340	Arad	21.31	46.18	1	2
351	511	2.2.2007	3.02.2007	01860	Arad	21.31	46.18	1	2
357	3815	2.7.2007	2.17.2007	03650	Deva	27.9	45.88	1	2
353	86-125	2.6.2007	2.6.2007	01370	Timisoara	21.22	45.75	1	2
351	48*	2.27.2007	2.27.2007	03970	Timisoara	21.22	45.75	1	2
354	482	2.27.2007	2.27.2007	01370	Timisoara	21.22	45.75	1	2
355	483	2.27.2007	2.27.2007	03970	Timisoara	21.22	45.75	1	2
355	483	2.27.2007	2.27.2007	03970	Timisoara	21.22	45.75	1	2
356	484	2.27.2007	2.27.2007	06810	Timisoara	21.22	45.75	1	2
356	484	2.27.2007	2.27.2007	06840	Timisoara	21.22	45.75	1	2
357	485	2.27.2007	2.27.2007	07130	Timisoara	21.22	45.75	1	2
357	485	2.27.2007	2.27.2007	01820	Timisoara	21.22	45.75	1	2
358	166-157	2.14.2007	2.14.2007	06650	Timisoara	21.22	45.75	1	2
358	166-16*	2.14.2007	2.14.2007	06650	Timisoara	21.22	45.75	1	2
359	365-313	2.21.2007	2.21.2007	06650	Timisoara	21.22	45.75	1	2
359	365-319	2.21.2007	2.21.2007	06650	Timisoara	21.22	45.75	1	2

**Avian influenza surveillance in wild birds in the Member States**  
 Data as from 1 April to 30 June 2007 (reporting period refers to the date of receipt of the sample at testing laboratory/column 6)

**REVISED PROTOCOL**

Information on each sample tested should be inserted individually

Member State: **ROMANIA**

Serial number of the bird	Laboratory number/identification of the bird	Bird ring number as appropriate	Type of Sample (1) Cloacal swab (2) Fresh faeces (3) Tracheal or oropharyngeal swab (4) Tissue (5) Blood (6) Other	Date of sampling in the field/place of bird origin	Date of receipt of sample in testing laboratory ensuring traceability	Species - use the EURING code from <a href="http://www.euring.org/">http://www.euring.org/</a>	NUTS 4 code (as minimum requirement or coordinates LONG/LAT)		Status of bird (1) live and clinically healthy (2) live and clinically diseased (3) injured (4) hunted clinically healthy (5) hunted clinically diseased (6) found dead	Results of the test			Subtype identified		
							LONG-A	LAT-N		Nucleic acid detection (PCR) (1) positive (2) negative (3) not performed	Virus isolation (1) positive (2) negative (3) not performed	Serology (1) HI (2) ELISA (3) AGID		Serology (confirmatory) (1) positive (2) negative (3) not performed	
1	15103		3	4/18/2007	4/29/2007	15490	RO115	46° 52' 12" N	28° 17' 48" E	2	2	2	2		
1	15101		5	4/18/2007	4/19/2007	15490	RO115	46° 52' 12" N	28° 17' 48" E	2	2	2	2		
2	15104		3	4/18/2007	4/19/2007	15490	RO115	46° 52' 12" N	28° 17' 48" E	2	2	2	2		
3	15102		5	4/18/2007	4/19/2007	15490	RO115	46° 52' 12" N	28° 17' 48" E	2	2	2	2		
1	15105		2	4/18/2007	4/19/2007	15490	RO115	46° 52' 12" N	28° 17' 48" E	2	2	2	2		
2	15107		5	4/18/2007	4/19/2007	15490	RO115	46° 52' 12" N	28° 17' 48" E	2	2	2	2		
4	15106		1	4/18/2007	4/19/2007	15490	RO115	46° 52' 12" N	28° 17' 48" E	2	2	2	2		



4	15103	-	5	6/18/2007	4/19/2007	15490	ROI13	46° 52' 12" N	23° 1' 48" E	2	4	2
5	15439	-	3	5/7/2007	5/8/2007	15675	ROI13	46° 52' 12" N	23° 1' 48" E	2	4	2
5	15419	-	5	5/12/07	5/8/2007	15675	ROI13	46° 52' 12" N	23° 1' 48" E	2	4	2
6	15439	-	5	5/12/07	5/8/2007	15490	ROI13	46° 52' 12" N	23° 1' 48" E	2	4	2
6	15439	-	3	5/7/2007	5/8/2007	15490	ROI13	46° 52' 12" N	23° 1' 48" E	2	4	2
7	15919	-	3	5/3/2007	6/12/07	15490	ROI13	46° 45' 44" N	23° 0' 25" E	2	4	2
7	15919	-	5	5/3/2007	6/12/07	15490	ROI13	46° 45' 44" N	23° 0' 25" E	2	4	2
8	15919	-	3	5/31/2007	6/12/07	15490	ROI13	46° 45' 44" N	23° 0' 25" E	2	4	2
8	15919	-	5	5/31/2007	6/12/07	15490	ROI13	46° 45' 44" N	23° 0' 25" E	2	4	2
9	15919	-	3	5/31/2007	6/12/07	15490	ROI12	46° 45' 44" N	23° 0' 25" E	2	4	2
9	15919	-	5	5/31/2007	6/12/07	15490	ROI11	46° 45' 44" N	23° 0' 25" E	2	4	2
10	15919	-	3	5/31/2007	6/12/07	15490	ROI12	46° 45' 44" N	23° 0' 25" E	2	4	2
10	15919	-	5	5/31/2007	6/12/07	15490	ROI12	46° 45' 44" N	23° 0' 25" E	2	4	2
11	15919	-	3	5/31/2007	6/12/07	15490	ROI13	46° 45' 44" N	23° 0' 25" E	2	4	2
11	15919	-	5	5/31/2007	6/12/07	15490	ROI13	46° 45' 44" N	23° 0' 25" E	2	4	2
12	15919	-	3	5/31/2007	6/12/07	15490	ROI13	46° 45' 44" N	23° 0' 25" E	2	4	2
12	15919	-	5	5/31/2007	6/12/07	15490	ROI13	46° 45' 44" N	23° 0' 25" E	2	4	2
13	15971	-	3	6/4/2007	6/6/2007	15490	ROI13	46° 30' 20" N	23° 55' 15" E	2	4	2
13	15971	-	5	6/4/2007	6/6/2007	15490	ROI13	46° 30' 20" N	23° 55' 15" E	2	4	2
14	15971	-	3	6/4/2007	6/6/2007	15490	ROI13	46° 30' 20" N	23° 55' 15" E	2	4	2
14	15971	-	5	6/4/2007	6/6/2007	15490	ROI13	46° 30' 20" N	23° 55' 15" E	2	4	2
15	15971	-	3	6/4/2007	6/6/2007	15490	ROI13	46° 30' 20" N	23° 55' 15" E	2	4	2
15	15971	-	5	6/4/2007	6/6/2007	15490	ROI13	46° 30' 20" N	23° 55' 15" E	2	4	2
16	15971	-	3	6/4/2007	6/6/2007	15490	ROI13	46° 30' 20" N	23° 55' 15" E	2	4	2
16	15971	-	5	6/4/2007	6/6/2007	15490	ROI13	46° 30' 20" N	23° 55' 15" E	2	4	2
17	15971	-	3	6/4/2007	6/6/2007	15490	ROI13	46° 30' 20" N	23° 55' 15" E	2	4	2
17	15971	-	5	6/4/2007	6/6/2007	15490	ROI13	46° 30' 20" N	23° 55' 15" E	2	4	2
18	16203	-	3	6/5/2007	6/6/2007	15490	ROI13	43° 18' 56" N	23° 55' 40" E	2	4	2

18	16003	-	5	605.2007	606.2007	15490	RO113	47° 8' 17" N	23° 55' 49" E	2	4	2
19	16003	-	3	605.2007	607.2007	15490	RO113	47° 8' 46" N	23° 55' 49" E	2	4	2
19	16003	-	5	605.2007	606.2007	15490	RO113	47° 5' 41" N	23° 55' 49" E	2	4	2
20	16003	-	1	605.2007	606.2007	15490	RO113	47° 5' 14" N	23° 55' 49" E	2	4	2
20	16003	-	5	605.2007	606.2007	15490	RO113	47° 5' 14" N	23° 55' 49" E	2	4	2
21	16003	-	2	605.2007	606.2007	15490	RO113	47° 5' 14" N	23° 55' 49" E	2	4	2
21	16003	-	5	605.2007	606.2007	15490	RO113	47° 5' 14" N	23° 55' 49" E	2	4	2
22	16003	-	1	605.2007	606.2007	15490	RO113	47° 5' 14" N	23° 55' 49" E	2	4	2
22	16003	-	5	605.2007	606.2007	15490	RO113	47° 5' 14" N	23° 55' 49" E	2	4	2
23	16003	-	4	605.2007	606.2007	15490	RO113	47° 17' 07" N	23° 48' 43" E	2	4	2
23	16003	-	5	605.2007	606.2007	15490	RO113	47° 17' 07" N	23° 48' 43" E	2	4	2
24	16003	-	3	605.2007	606.2007	15490	RO113	46° 56' 00" N	23° 55' 49" E	2	4	2
24	16003	-	5	605.2007	606.2007	15490	RO113	46° 56' 00" N	23° 55' 49" E	2	4	2
25	16003	-	5	605.2007	606.2007	15490	RO113	46° 56' 00" N	23° 55' 49" E	2	4	2
25	16003	-	1	605.2007	606.2007	15490	RO113	46° 56' 00" N	23° 55' 49" E	2	4	2
26	16003	-	3	605.2007	606.2007	15490	RO113	46° 56' 00" N	23° 55' 49" E	2	4	2
26	16003	-	5	605.2007	606.2007	15490	RO113	46° 56' 00" N	23° 55' 49" E	2	4	2
27	16003	-	2	605.2007	606.2007	15490	RO113	46° 56' 00" N	23° 55' 49" E	2	4	2
27	16003	-	5	605.2007	606.2007	15490	RO113	46° 56' 00" N	23° 55' 49" E	2	4	2
28	16003	-	1	605.2007	606.2007	15490	RO113	46° 56' 00" N	23° 55' 49" E	2	4	2
28	16003	-	5	605.2007	606.2007	15490	RO113	46° 56' 00" N	23° 55' 49" E	2	4	2
29	16003	-	2	605.2007	606.2007	15490	RO113	46° 56' 00" N	23° 55' 49" E	2	4	2
29	16003	-	5	605.2007	606.2007	15490	RO113	46° 56' 00" N	23° 55' 49" E	2	4	2
30	16003	-	1	605.2007	606.2007	15490	RO113	46° 56' 00" N	23° 55' 49" E	2	4	2
30	16003	-	5	605.2007	606.2007	15490	RO113	46° 56' 00" N	23° 55' 49" E	2	4	2
31	16004	-	5	605.2007	606.2007	15472	RO113	47° 0' 12" N	24° 1' 42" E	2	4	2
32	16004	-	3	605.2007	606.2007	15472	RO113	47° 0' 12" N	24° 1' 42" E	2	4	2



8	204	-	4	4/26/2007	4/26/2007	15490	V V 15Media	475.48.8	2292.09.17	1	4	1		
9	205	-	4	4/26/2007	4/26/2007	15490	JV 154100H FV	4756.48.8	2199.09.17	1	4	2		
10	206	-	4	4/26/2007	4/26/2007	15490	154100H FV	4756.48.8	2299.09.17	1	4	2		
11	207	-	4	4/27/2007	4/27/2007	15600	FV 101Jwala	4751.48.8	2206.55.3	1	4	2		
12	208	-	4	4/27/2007	4/27/2007	15600	FV 101Jwala	4751.48.8	2206.55.3	1	4	2		
13	209	-	4	4/27/2007	4/27/2007	15600	FV 101Jwala	4751.48.8	2206.55.3	1	4	2		
14	280	-	4	4/27/2007	4/27/2007	15650	FV 101Jwala	4751.48.8	2206.55.3	1	4	2		
15	281	-	4	4/27/2007	4/27/2007	15650	TV 101Jwala	4751.48.8	2206.55.3	1	4	2		
16	282	-	4	4/27/2007	4/27/2007	15490	FV 101Jwala	4751.48.8	2206.55.3	1	4	2		
17	283	-	4	4/27/2007	4/27/2007	15600	FV 101Jwala	4751.48.8	2206.55.3	1	4	2		
18	284	-	4	4/27/2007	4/27/2007	15490	FV 101Jwala	4751.48.8	2206.55.3	1	4	2		
19	285	-	4	4/27/2007	4/27/2007	15400	FV 101Jwala	4751.48.8	2106.55.3	1	4	2		
20	286	-	4	4/27/2007	4/27/2007	15490	FV 101Jwala	4751.48.8	2206.55.3	1	4	2		
21	287	-	4	4/28/2007	4/28/2007	15650	FV 25Crown	4751.48.8	2206.55.3	1	4	2		
22	288	-	4	4/28/2007	4/28/2007	15650	FV 25Crown	4751.48.8	2206.55.3	1	4	2		
23	289	-	4	4/28/2007	4/28/2007	15600	FV 25Crown	4751.48.8	2206.55.3	1	4	2		
24	290	-	4	4/28/2007	4/28/2007	15490	FV 28Wald	4751.48.8	2206.55.3	1	4	2		
25	291	-	4	4/28/2007	4/28/2007	15490	FV 28Wald	4751.48.8	2206.55.3	1	4	2		
26	292	-	4	4/28/2007	4/28/2007	15490	TV 28Wald	4751.48.8	2206.55.3	1	4	2		
27	293	-	4	4/28/2007	4/28/2007	15490	FV 291Kwala	4751.48.8	2206.55.3	1	4	2		
28	294	-	4	4/28/2007	4/28/2007	15490	FV 40Coral	4751.48.8	2206.55.3	1	4	2		
29	295	-	4	4/28/2007	4/28/2007	15490	Odyssey	4751.48.8	2206.55.3	1	4	2		
30	296	-	4	4/28/2007	4/28/2007	15490	Odyssey	4751.48.8	2206.55.3	1	4	2		
31	297	-	4	4/28/2007	4/28/2007	15490	Odyssey	4751.48.8	2206.55.3	1	4	2		
32	300	-	4	4/28/2007	4/28/2007	15490	FV V 8 Hdrz	4756.48.8	2206.55.3	1	4	2		
33	301	-	4	4/28/2007	4/28/2007	15490	FV V 8 Hdrz	4756.48.8	2206.55.3	1	4	2		
34	302	-	4	4/28/2007	4/28/2007	15490	FV 25 Crown FV 25 Crown	4756.48.8	2206.55.3	1	4	2		

35	343	-	4	6/5/2007	6/5/2007	15490	FV 11/Quinta	47°56'08.1"	27°33'36.3"	4	2
36	344	-	4	6/5/2007	6/5/2007	15490	FV 11/Quinta	47°56'08.4"	27°33'36.8"	4	2
37	345	-	4	6/5/2007	6/5/2007	15490	FV 11/Quinta	47°56'08.1"	27°33'36.8"	4	2
38	346	-	4	6/5/2007	6/5/2007	15490	FV 11/Quinta	47°56'08.1"	27°33'36.8"	4	2
39	347	-	4	6/5/2007	6/5/2007	15490	FV 9/6/9b	47°48'53.2"	27°09'10.5"	4	2
40	348	-	4	6/5/2007	6/5/2007	15630	FV 9/6/9b	47°48'53.2"	27°09'18.5"	4	2
41	349	-	4	6/5/2007	6/5/2007	15630	FV 7/A9a	47°46'13.6"	27°12'55.26"	4	2
42	350	-	4	6/5/2007	6/5/2007	15630	FV 7/A9a	47°46'14.6"	27°12'24.36"	4	2
43	351	-	4	6/5/2007	6/5/2007	15490	FV 4B Vais	47°49'08.52"	27°45'17.95"	4	2
44	352	-	4	6/5/2007	6/5/2007	15630	FV 2B Vais	47°48'38.54"	27°58'17.96"	4	2
45	353	-	4	6/5/2007	6/5/2007	15630	FV 2B Vais	47°44'58.54"	27°59'15.95"	4	2
46	354	-	4	6/5/2007	6/5/2007	15490	FV 23 Gratiosa	47°49'54.7"	27°54'23.8"	4	2
47	355	-	4	6/5/2007	6/5/2007	15630	FV 23/Comisar	47°41'54.8"	27°55'48.1"	4	2
48	356	-	4	6/5/2007	6/5/2007	15490	FV 19/Alcañal	47°51'48.8"	27°55'55.3"	4	2
49	357	-	4	6/5/2007	6/5/2007	15490	FV 15/Menda	47°56'48.7"	27°55'09.1"	4	2
50	358	-	4	6/5/2007	6/5/2007	15490	FV 15/Menda	47°56'48.9"	27°55'09.1"	4	2
51	359	-	4	6/5/2007	6/5/2007	15490	FV 15/Alcañal	47°53'48.5"	27°58'49.1"	4	2
52	360	-	4	6/5/2007	6/5/2007	15630	FV 15/Menda	47°56'48.2"	27°56'09.1"	4	2
53	361	-	3	5/31/2007	5/31/2007	68660	Isaí	47°15'37.3"	27°39'01.9"	3	6
54	362	-	4	5/31/2007	5/31/2007	68680	Isaí	47°15'37.3"	27°39'01.9"	4	6
55	363	-	3	5/31/2007	5/31/2007	68680	Isaí	47°15'37.3"	27°39'01.9"	3	6
56	364	-	4	5/31/2007	5/31/2007	68680	Isaí	47°15'37.3"	27°39'01.9"	4	6
57	365	-	3	6/29/2007	6/29/2007	68680	Isaí	47°15'37.3"	27°39'01.9"	3	6
58	366	-	4	6/29/2007	6/29/2007	68680	Isaí	47°15'37.3"	27°39'01.9"	4	6
59	367	-	3	6/29/2007	6/29/2007	68680	Isaí	47°15'37.3"	27°39'01.9"	3	6
60	368	-	4	6/29/2007	6/29/2007	68680	Isaí	47°15'37.3"	27°39'01.9"	4	6
61	369	-	3	4/23/2007	4/23/2007	68700	Tarcus	46°48'09.51"	26°13'06.52"	3	6
62	370	-	4	4/23/2007	4/23/2007	68700	Tarcus	46°48'09.51"	26°13'06.52"	4	6
63	371	-	3	4/23/2007	4/23/2007	68700	Tarcus	46°48'09.51"	26°13'06.52"	3	6
64	372	-	4	4/23/2007	4/23/2007	68700	Tarcus	46°48'09.51"	26°13'06.52"	4	6



29	1381	5	05/2007	5/12/2007	090720	SF Gbeo pht S Changpht	44 896368	29 394213	3	1	3
30	1381	5	4/5/2007	4/12/2007	090720	S Changpht	44 896368	29 394213	3	1	3
31	1381	5	4/5/2007	5/12/2007	090720	SF Changpht	44 896368	29 394213	3	1	3
32	1381	5	4/5/2007	10/12/2007	090720	SF Changpht	44 896368	29 394213	3	1	3
33	1381	5	4/5/2007	4/12/2007	090720	SF Changpht	44 896368	29 394213	3	1	3
34	1381	5	4/5/2007	4/12/2007	15/903	SF Changpht	44 896368	29 394213	3	1	3
35	1381	5	4/5/2007	4/12/2007	15973	SF Changpht	44 896368	29 394213	3	1	3
36	2125	2	5/25/2007	5/25/2007	092560	Maliac	45 176336	29 096596	3	1	2
37	2125	2	5/25/2007	5/25/2007	092560	Maliac	45 176336	29 096596	3	1	2
38	2125	2	5/25/2007	3/25/2007	091290	Maliac	45 176336	29 096596	3	1	2
39	2125	2	5/25/2007	5/25/2007	091290	Maliac	45 176336	29 096596	3	1	2
40	2125	2	5/25/2007	5/25/2007	092560	Maliac	45 176336	29 096596	3	1	2
41	2125	2	5/25/2007	5/25/2007	091290	Maliac	45 176336	29 096596	3	1	2
42	2125	2	5/25/2007	5/25/2007	091290	Maliac	45 176336	29 096596	3	1	2
43	2125	2	5/25/2007	5/25/2007	091290	Maliac	45 176336	29 096596	3	1	2
44	2125	2	5/25/2007	5/25/2007	091290	Maliac	45 176336	29 096596	3	1	2
45	2125	2	5/25/2007	5/25/2007	091840	Maliac	45 176336	29 096596	3	1	2
46	2125	2	5/25/2007	5/25/2007	091840	Maliac	45 176336	29 096596	3	1	2
47	2125	2	5/25/2007	5/25/2007	091840	Maliac	45 176336	29 096596	3	1	2
48	2125	2	5/25/2007	5/25/2007	091840	Maliac	45 176336	29 096596	3	1	2
49	2125	2	5/25/2007	5/25/2007	091840	Maliac	45 176336	29 096596	3	1	2
50	2125	2	5/25/2007	5/25/2007	090720	Maliac	45 176336	29 096596	3	1	2
51	2125	2	5/25/2007	5/25/2007	090720	Maliac	45 176336	29 096596	3	1	2
52	2125	2	5/25/2007	5/25/2007	090720	Maliac	45 176336	29 096596	3	1	2
53	2125	2	5/25/2007	5/25/2007	090720	Maliac	45 176336	29 096596	3	1	2
54	2125	2	5/25/2007	5/25/2007	090720	Maliac	45 176336	29 096596	3	1	2
55	2125	2	5/25/2007	5/25/2007	090720	Maliac	45 176336	29 096596	3	1	2
56	2125	2	5/25/2007	5/25/2007	090720	Maliac	45 176336	29 096596	3	1	2





85	2422	2	652007	652007	01200	SF Cherbourg	44 896368	29 594213	3	2
86	2422	2	652007	652007	01240	SF Cherbourg	44 896368	29 594213	3	2
87	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
88	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
89	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
90	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
91	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
92	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
93	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
94	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
95	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
96	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
97	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
98	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
99	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
100	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
101	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
102	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
103	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
104	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
105	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
106	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
107	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
108	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
109	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
110	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
111	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2
112	2422	2	652007	652007	01290	SF Cherbourg	44 896368	29 594213	3	2

113	2422	2	6/5/2007	6/6/2007	Q1529	SF Chicago SF	44,890,368	29,594,214	3	1	2		
114	2422	2	6/5/2007	6/6/2007	Q1529	Chicago Chicago	44,890,368	29,594,213	3	1	2		
115	2422	2	6/5/2007	6/6/2007	Q1529	SF Chicago SF Chicago	44,890,368	29,594,213	3	1	2		
116	2422	2	6/5/2007	6/6/2007	Q1529	SF Chicago	44,890,368	29,594,213	3	1	2		
117	2422	2	6/5/2007	6/6/2007	Q1529	SF Chicago	44,890,368	29,594,213	3	1	2		
118	2422	2	6/5/2007	6/6/2007	Q1529	SF Chicago	44,890,368	29,594,213	3	1	2		
119	2422	2	6/5/2007	6/6/2007	Q1529	SF Chicago	44,890,368	29,594,213	3	1	2		
120	2422	2	6/5/2007	6/6/2007	Q1520	SF Chicago	44,890,368	29,594,213	3	1	2		
121	2422	2	6/5/2007	6/6/2007	Q1520	SF Chicago	44,890,368	29,594,213	3	1	2		
122	2422	2	6/5/2007	6/6/2007	Q1520	SF Chicago	44,890,368	29,594,213	3	1	2		
123	2422	2	6/5/2007	6/6/2007	Q1520	SF Chicago	44,890,368	29,594,213	3	1	2		
124	2422	2	6/5/2007	6/6/2007	Q1520	SF Chicago	44,890,368	29,594,213	3	1	2		
125	2422	2	6/5/2007	6/6/2007	Q1520	SF Chicago	44,890,368	29,594,213	3	1	2		
126	2422	2	6/5/2007	6/6/2007	Q1520	SF Chicago	44,890,368	29,594,213	3	1	2		
1	4467	2	6/13/2007	6/13/2007	Q1820	Florida	44,48	25,46	1	4	2		
1	4467	4	6/12/2007	6/12/2007	Q1820	Florida	44,48	25,46	1	4	2		
2	4468	3	6/12/2007	6/12/2007	Q1820	Florida	44,48	25,46	1	4	2		
2	4468	5	6/12/2007	6/12/2007	Q1820	Florida	44,48	25,46	1	4	2		
3	4469	3	6/13/2007	6/13/2007	Q1820	Florida	44,48	25,46	1	4	2		
3	4469	4	6/12/2007	6/12/2007	Q1820	Florida	44,48	25,46	1	4	2		
4	4470	3	6/12/2007	6/12/2007	Q1820	Florida	44,48	25,46	1	4	2		
4	4470	4	6/12/2007	6/12/2007	Q1820	Florida	44,48	25,46	1	4	2		
5	4471	4	6/13/2007	6/13/2007	Q1820	Florida	44,48	25,46	1	4	2		
5	4471	4	6/12/2007	6/12/2007	Q1820	Florida	44,48	25,46	1	4	2		
6	4472	3	6/12/2007	6/12/2007	Q1820	Florida	44,48	25,46	1	4	2		
6	4472	4	6/12/2007	6/12/2007	Q1820	Florida	44,48	25,46	1	4	2		
1	3011	1	05/29/07	05/29/07	Q0700	Thailand	44,133,247	26,706,507	3	6	2		
1	3011	3	05/29/07	05/29/07	Q0700	Thailand	44,133,247	26,706,507	3	6	2		

1	3011	4	05-04-07	05-04-07	080700	Buenos	4402550*	2600650*	6	2	2
2	3178	5	11-05-07	11-05-07	099449	Buenos	4402550*	2600650*	6	2	2
3	3178	5	11-05-07	11-05-07	097860	Buenos	4402550*	2600650*	6	2	2
4	3178	5	11-05-07	11-05-07	096119	Buenos	4402550*	2600650*	6	2	2
5	3178	5	11-05-07	11-05-07	107563	Buenos	4402550*	2600650*	6	2	2
6	3178	5	11-05-07	11-05-07	092880	Buenos	4402550*	2600650*	6	2	2
7	3178	5	11-05-07	11-05-07	091520	Buenos	4402550*	2600650*	6	2	2
1	1008	5	15-05-2007	15-05-2007	090410	Gran	44524352	2600650*	6	2	2
1	1315	3	4-23-2007	22-3-2007	15490	Gran	44524352	2600650*	6	2	2
1	1102	1	4-23-2007	4-23-2007	16361	Arad	46180534	21316346	6	2	2
1	1102	3	4-26-2007	4-26-2007	16563	Arad	46180534	21316346	6	2	2
1	1102	4	4-29-2007	4-29-2007	16560	Arad	46180534	21316346	6	2	2

## Avian influenza surveillance in wild birds in the Member States

Data as from 1 July to 30 September 2007 (reporting period refers to the date of receipt of the sample at testing laboratory/column 6)

### REVISED PROTOCOL

Information on each sample tested should be inserted individually  
Member State: **ROMANIA**

No	Laboratory number/identification of the bird	Bird ring number as appropriate	Type of Sample (1) Cloacal swab (2) Fresh faeces (3) Tracheal or oropharyngeal swab (4) Tissue (5) Blood (6) Other	Date of sampling in the field/place of bird origin	Date of receipt of sample in testing laboratory ensuring traceability	Species - use the EURING code from <a href="http://www.euring.org/">http://www.euring.org/</a>	NUTS 4 code (as minimum requirement) or coordinates (LONG/LAT)		Status of bird	Results of the test				Strain/epidemiological		
							LONG-Y	LAT-X		(1) Area not under restriction (2) Control area (Dec.2006/863/EC) (3) Monitoring area (Dec.2006/863/EC) (4) Protection zone for poultry (Dec.2006/416/EC) (5) Surveillance zone for poultry (Dec.2006/416/EC) (6) Area A (Dec.2006/415/EC) (7) Area B (Dec.2006/415/EC) (8) Area defined as "higher risk area" (Dec.2005/734/EC)	(1) live and clinically healthy (2) live and clinically diseased (3) injured (4) hunted clinically healthy (5) hunted clinically diseased (6) found dead	Nucleic acid detection (PCR) (1) positive (2) negative (3) not performed	Virus isolation (1) positive (2) negative (3) not performed		Serology (1) HI (2) ELISA (3) AGID	Serology (confirmatory) (1) positive (2) negative (3) not performed
1			4	24.09.07	24.09.07	03640	EV288Romania-1	47 01	24 47	1	2					
2			4	24.09.07	24.09.07	15160	EV288Romania-2	47 01	24 47	4	2					
3			4	25.09.07	24.09.07	15460	EV288Romania-3	47 01	24 47	4	2					
4			4	24.09.07	24.09.07	15490	EV288Romania-4	47 01	24 47	4	2					
5			4	24.09.07	24.09.07	15499	EV288Romania-5	47 01	24 47	4	2					
6			4	24.09.07	24.09.07	15549	EV288Romania-6	47 25	24 17	4	2					
7			4	24.09.07	24.09.07	15549	EV288Romania-7	47 25	24 17	4	2					
8			4	24.09.07	24.09.07	15549	EV288Romania-8	47 25	24 17	4	2					
9			4	24.09.07	24.09.07	15630	EV288Romania-9	47 01	24 47	4	2					
10			2	24.09.07	24.09.07	15631	EV288Romania-10	47 01	24 47	4	2					
11			4	24.09.07	24.09.07	15630	EV288Romania-11	47 01	24 47	4	2					



70	706	8/25/2007	744/000	18490	FV 18 P+S&I	4294,828.2	22,229.2		1	2
71	705	7/31/2007	739/000	15839	FV 28 P+S&I	4274,548.2	22,229.2		1	2
72	702	7/7/2007	742/000	19510	FV 18 P+S&I	4293,088.2	22,229.2		1	2
73	704	7/22/2007	744/000	18490	FV 40 C+D	4294,516	22,229.2		1	2
74	704	7/26/2007	744/000	18490	FV 40 C+D	4294,516	22,229.2		1	2
75	705	7/13/2007	743/000	18490	FV 40 C+D	4294,516	22,229.2		1	2
76	706	7/18/2007	744/000	18490	FV 40 C+D	4294,516	22,229.2		1	2
77	707	7/18/2007	744/000	18490	FV 40 C+D	4294,516	22,229.2		1	2
78	708	7/6/2007	744/000	18490	Admin	4293,498.8	22,229.2		1	2
79	709	7/19/2007	743/000	18490	Admin	4294,810	22,229.2		1	2
80	710	7/23/2007	744/000	18490	FV 7 Ann	4296,196	22,229.2		1	2
81	711	7/3/2007	744/000	18490	FV 7 Ann	4296,196	22,229.2		1	2
82	712	7/6/2007	744/000	18490	FV 7 Ann	4296,196	22,229.2		1	2
83	713	7/19/2007	744/000	18490	FV 7 Ann	4296,196	22,229.2		1	2
84	714	7/19/2007	744/000	18490	FV 7 Ann	4296,196	22,229.2		1	2
85	715	8/12/2007	811/000	18490	FV 18 P+S&I	4297,488	22,229.2		1	2
86	716	8/11/2007	811/000	18490	FV 18 P+S&I	4297,488	22,229.2		1	2
87	717	8/23/2007	812/000	18490	FV 28 S+D	4298,028.5	22,229.2		1	2
88	718	8/23/2007	812/000	18490	FV 28 S+D	4298,028.5	22,229.2		1	2
89	719	8/23/2007	812/000	18490	FV 28 S+D	4298,028.5	22,229.2		1	2
90	720	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
91	721	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
92	722	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
93	723	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
94	724	7/18/2007	744/2007	18490	FV 7 Ann	4296,196	22,229.2		1	2
95	725	8/12/2007	811/000	18490	FV 18 P+S&I	4297,488	22,229.2		1	2
96	726	8/11/2007	811/000	18490	FV 18 P+S&I	4297,488	22,229.2		1	2
97	727	8/23/2007	812/000	18490	FV 28 S+D	4298,028.5	22,229.2		1	2
98	728	8/23/2007	812/000	18490	FV 28 S+D	4298,028.5	22,229.2		1	2
99	729	8/23/2007	812/000	18490	FV 28 S+D	4298,028.5	22,229.2		1	2
100	730	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
101	731	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
102	732	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
103	733	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
104	734	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
105	735	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
106	736	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
107	737	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
108	738	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
109	739	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
110	740	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
111	741	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
112	742	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
113	743	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
114	744	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
115	745	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
116	746	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
117	747	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
118	748	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
119	749	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2
120	750	8/23/2007	812/000	18490	FV 40 C+D	4298,028.5	22,229.2		1	2

70	800	-	812-2007	812-2007	15763	PV 8Boriz	47°56'57.4"	22°58'18.2"	4	2
71	801	-	812-2007	812-2007	15760	PV 11 Habnet	47°56'57.7"	22°58'41.8"	4	2
72	802	-	812-2007	812-2007	15760	PV 14 Habnet	47°57'3.2"	23°01'41.8"	4	2
73	803	-	812-2007	812-2007	15760	PV 14 Habnet	47°56'57.7"	23°01'41.8"	4	2
74	804	-	812-2007	812-2007	15760	PV 14 Habnet	47°56'57.7"	23°01'41.8"	4	2
75	805	-	812-2007	812-2007	15763	PV 14 Habnet	47°56'57.7"	23°01'41.8"	4	2
76	806	-	812-2007	812-2007	19510	PV 35 Mofin	47°47'47.2"	22°58'22.8"	4	2
77	807	-	812-2007	812-2007	19510	PV 35 Mofin	47°47'47.2"	22°58'22.8"	4	2
78	808	-	812-2007	812-2007	15839	PV 35 Mofin	47°47'47.2"	22°58'22.8"	4	2
79	809	-	812-2007	812-2007	06670	PV 35 Mofin	47°47'47.2"	22°58'22.8"	4	2
80	810	-	812-2007	812-2007	15760	PV 9lojb	47°48'53.2"	23°59'19.6"	4	2
81	811	-	812-2007	812-2007	15760	PV 9lojb	47°48'53.2"	23°59'19.6"	4	2
82	812	-	812-2007	812-2007	15760	PV 9lojb	47°48'53.2"	23°59'19.6"	4	2
83	813	-	812-2007	812-2007	15763	PV 9lojb	47°48'53.2"	23°59'19.6"	4	2
84	814	-	812-2007	812-2007	15763	PV 9lojb	47°48'53.2"	23°59'19.6"	4	2
85	815	-	812-2007	812-2007	19510	PV 42 Sudnraz	47°57'41.0"	22°57'45.0"	4	2
86	816	-	812-2007	812-2007	19510	PV 42 Sudnraz	47°57'41.0"	22°57'45.0"	4	2
87	817	-	812-2007	812-2007	15760	PV 7 Apa	47°56'9.6"	23°17'55.7"	4	2
88	818	-	812-2007	812-2007	15760	PV 7 Apa	47°56'9.6"	23°17'55.7"	4	2
89	819	-	812-2007	812-2007	15760	PV 7 Apa	47°56'9.6"	23°17'55.7"	4	2
90	820	-	812-2007	812-2007	15763	PV 7 Apa	47°56'9.6"	23°17'55.7"	4	2
91	821	-	812-2007	812-2007	15763	PV 7 Apa	47°56'9.6"	23°17'55.7"	4	2
92	822	-	812-2007	812-2007	15760	PV 13 Babesh	47°54'33.7"	23°03'41.8"	4	2
93	823	-	812-2007	812-2007	15760	PV 13 Babesh	47°54'33.7"	23°03'41.8"	4	2
94	824	-	812-2007	812-2007	15760	PV 13 Babesh	47°54'33.7"	23°03'41.8"	4	2
95	825	-	812-2007	812-2007	15760	PV 13 Babesh	47°54'33.7"	23°03'41.8"	4	2
96	826	-	812-2007	812-2007	15763	PV 13 Babesh	47°54'33.7"	23°03'41.8"	4	2
97	827	-	812-2007	812-2007	15763	PV 13 Babesh	47°54'33.7"	23°03'41.8"	4	2
98	828	-	812-2007	812-2007	15763	PV 20Keraba	47°57'54.4"	22°54'23.9"	4	2
99	829	-	812-2007	812-2007	15763	PV 20Keraba	47°57'54.4"	22°54'23.9"	4	2
100	830	-	812-2007	812-2007	15763	PV 20Keraba	47°57'54.4"	22°54'23.9"	4	2
101	831	-	812-2007	812-2007	15763	PV 20Keraba	47°57'54.4"	22°54'23.9"	4	2
102	832	-	812-2007	812-2007	15760	PV 15 Mofin	47°59'08.7"	22°55'06.1"	4	2
103	833	-	812-2007	812-2007	15760	PV 15 Mofin	47°59'08.7"	22°55'06.1"	4	2
104	834	-	812-2007	812-2007	15760	PV 15 Mofin	47°59'08.7"	22°55'06.1"	4	2
105	835	-	812-2007	812-2007	15760	PV 15 Mofin	47°59'08.7"	22°55'06.1"	4	2
106	836	-	812-2007	812-2007	15760	PV 19 Livala	47°55'48.5"	23°06'58.3"	4	2
107	837	-	812-2007	812-2007	15760	PV 19 Livala	47°55'48.5"	23°06'58.3"	4	2
108	838	-	812-2007	812-2007	15760	PV 19 Livala	47°55'48.5"	23°06'58.3"	4	2
109	839	-	812-2007	812-2007	03440	Sma Mofin	47°48'57.7"	22°58'16.1"	4	2





150	806		4	9/7/2007	9/7/2007	15400	15400	2V 8B00z	475057.3	225818.3	2
151	900		4	9/7/2007	9/7/2007	15400	15400	2V 8B00z	475057.3	225818.3	2
152	901		4	9/7/2007	9/7/2007	15400	15400	2V 8B00z	475057.3	225818.3	2
153	902		4	9/7/2007	9/7/2007	15400	15400	2V 8B00z	475057.3	225818.3	2
154	905		4	9/7/2007	9/7/2007	15400	15400	2V 8B00z	475057.3	225818.3	2
155	804		4	9/7/2007	9/7/2007	15400	15400	2V 8B00z	475057.3	225818.3	2
156	905		4	9/7/2007	9/7/2007	15400	15400	2V 8B00z	475057.3	225818.3	2
157	906		4	9/7/2007	9/7/2007	15400	15400	2V 8B00z	475057.3	225818.3	2
158	907		4	9/7/2007	9/7/2007	15400	15400	2V 8B00z	475057.3	225818.3	2
159	908		4	9/7/2007	9/7/2007	15400	15400	2V 8B00z	475057.3	225818.3	2
160	909		4	9/7/2007	9/7/2007	03180	03180	1V 25 Cl 00z	475151.8	227519.8	2
161	910		4	9/7/2007	9/7/2007	06840	06840	1V 900z	475483.2	235919.8	2
162	911		4	9/7/2007	9/7/2007	06840	06840	1V 900z	475483.2	235919.8	2
163	912		4	9/7/2007	9/7/2007	06840	06840	1V 900z	475483.2	235919.8	2
164	913		4	9/7/2007	9/7/2007	06840	06840	1V 900z	475483.2	235919.8	2
165	914		4	9/7/2007	9/7/2007	06840	06840	1V 900z	475483.2	235919.8	2
1	3016		3	03/07/2007	03/07/2007	15820	15820	15z	471507.5	225901.9	6
1	3016		4	03/07/2007	03/07/2007	15820	15820	15z	471507.5	225901.9	6
2	3016		3	03/07/2007	03/07/2007	15820	15820	15z	471507.5	225901.9	6
3	3016		4	03/07/2007	03/07/2007	15820	15820	15z	471507.5	225901.9	6
1	3410		3	28/08/2007	03/09/2007	03700	03700	Probeta	473704.2	2256807.5	4
1	3411		4	28/08/2006	03/09/2008	03700	03700	Probeta	473704.2	2256807.5	4
4	3411		3	28/08/2007	03/09/2007	03700	03700	Probeta	473704.2	2256807.5	4
4	3412		4	28/08/2008	03/09/2008	03700	03700	Probeta	473704.2	2256807.5	4
5	2412		3	28/08/2007	03/09/2007	03700	03700	Probeta	473704.2	2256807.5	4
5	2412		4	28/08/2007	03/09/2007	03700	03700	Probeta	473704.2	2256807.5	4
6	2413		3	28/08/2007	03/09/2007	03700	03700	Probeta	473704.2	2256807.5	4
9	2413		4	28/08/2007	03/09/2007	03700	03700	Probeta	473704.2	2256807.5	4
7	2414		4	28/08/2007	03/09/2007	03700	03700	Probeta	473704.2	2256807.5	4
8	2415		3	28/08/2007	03/09/2007	03700	03700	Probeta	473704.2	2256807.5	4
8	2415		4	28/08/2007	03/09/2007	03700	03700	Probeta	473704.2	2256807.5	4
9	2416		3	28/08/2007	03/09/2007	03700	03700	Probeta	473704.2	2256807.5	4
9	2416		4	28/08/2007	03/09/2007	03700	03700	Probeta	473704.2	2256807.5	4
10	2417		3	28/08/2007	03/09/2007	03700	03700	Probeta	473704.2	2256807.5	4
10	2417		4	28/08/2007	03/09/2007	03700	03700	Probeta	473704.2	2256807.5	4
1	5060	1/A 01975	2	8/11/2007	9/11/2007	03510	03510	Margen	47808136	23811751	1
1	50125		4	7/18/2007	7/19/2007	06880	06880	METRUS II	46831457	22459757	6
2	50125		4	7/18/2007	7/19/2007	06880	06880	METRUS II	46831457	22459757	6

1	50125		216-2007	219-2007	60680	NEBBEST	46 832-57	27 596-57	6	2	2
4	50126		219-2007	219-2007	60870	WOLF	46 826-52	27 540-70	6	6	2
5	50127		219-2007	219-2007	18830	BACTE	46 876-53	27 640-08	6	2	2
6	50128		219-2007	219-2007	60850	ZOILIN	46 844-55	27 723-05	6	2	2
7	50129		219-2007	219-2007	15820	ZORLESI	46 865-25	27 723-92	6	2	2
8	50130		219-2007	219-2007	61210	TORALIN	46 840-78	27 590-52	6	2	2
9	50131		219-2007	219-2007	60840	ZOO BANC	46 823-92	27 638-51	6	2	2
10	50132		219-2007	219-2007	15810	BARBETA	46 861-03	27 558-71	6	2	2
11	50133		219-2007	219-2007	15340	LABORIST	46 857-02	27 519-09	6	2	2
12	50134		219-2007	219-2007	60650	EPILISE	46 769-71	28 038-09	6	2	2
13	50135		219-2007	219-2007	60640	EPILINE	46 769-71	28 038-09	6	2	2
14	50136		219-2007	219-2007	60810	EPILINI	46 769-71	28 038-09	6	2	2
15	50137		219-2007	219-2007	60810	EPILINI	46 769-71	28 038-09	6	2	2
16	50138		219-2007	219-2007	13360	CORONIST	46 838-06	27 672-59	6	2	2
17	50139		219-2007	219-2007	60650	VANILI	46 840-12	27 727-83	6	2	2
18	50140		219-2007	219-2007	60910	Mangia	46 846-37	28 038-07	6	2	2
19	50141		219-2007	219-2007	61810	Sono	46 859-94	28 038-12	6	2	2
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21	50143		219-2007	219-2007	61820	Sono	46 862-55	28 062-55	6	2	2
22	50144		219-2007	219-2007	61520	Chila Vedia	45 4 1122	29 292-07	6	2	2
23	50145		219-2007	219-2007	61570	Chila	45 173-82	29 182-08	6	2	2
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26	50148		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
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61	50183		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
62	50184		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
63	50185		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
64	50186		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
65	50187		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
66	50188		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
67	50189		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
68	50190		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
69	50191		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
70	50192		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
71	50193		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
72	50194		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
73	50195		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
74	50196		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
75	50197		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
76	50198		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
77	50199		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
78	50200		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
79	50201		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
80	50202		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
81	50203		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
82	50204		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
83	50205		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
84	50206		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
85	50207		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
86	50208		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
87	50209		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
88	50210		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
89	50211		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
90	50212		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
91	50213		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
92	50214		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
93	50215		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
94	50216		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
95	50217		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
96	50218		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
97	50219		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
98	50220		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
99	50221		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2
100	50222		219-2007	219-2007	60970	Chila	45 173-82	29 182-08	6	2	2





































142	7184		5	15.08.2007	15.08.2007	039040	Piscaria	45.905726	21.311905	5	2
143	7185		5	15.08.2007	15.08.2007	039040	Piscaria	45.905726	21.311905	5	2
144	7486		5	15.08.2007	15.08.2007	039040	Piscaria	45.905726	21.311905	5	2
145	7087		5	15.08.2007	15.08.2007	039040	Piscaria	45.905726	21.311905	5	2
146	8520		5	21.09.2007	21.09.2007	066040	Timbucara	45.747649	45.747649	5	2
147	8500		5	21.09.2007	21.09.2007	066040	Timbucara	45.747649	45.747649	5	2
148	8501		5	21.09.2007	21.09.2007	066040	Timbucara	45.747649	45.747649	5	2
149	8501		5	21.09.2007	21.09.2007	066040	Timbucara	45.747649	45.747649	5	2

**Avian influenza surveillance in wild birds in the Member States**  
 Data as from 1 octombre to 31 december 2007 (reporting period refers to the date of receipt of the sample at testing laboratory/column 6)

**REVISED PROTOCOL**

Information on each sample tested should be inserted individually  
 Member State: ROMANIA

Serial number of the bird	Laboratory number/identification of the bird	Bird ring number as appropriate	Type of Sample (1) Cloacal swab (2) Fresh faeces (3) Tracheal or oropharyngeal swab (4) Tissue (5) Blood (6) Other	Date of sampling in the field/place of bird origin	Date of receipt of sample in testing laboratory ensuring traceability	Species - use the EURING code from <a href="http://www.euring.org/">http://www.euring.org/</a>	NUTS 4 code (as minimum requirement or coordinates (LONG/LAT))		Status of bird (1) live and clinically healthy (2) live and clinically diseased (3) injured (4) hunted clinically healthy (5) hunted clinically diseased (6) found dead	Nucleic acid detection (PCR) (1) positive (2) negative (3) not performed	Results of the test			Subtype identification (1) H5N1 H5 (indicate N if known) (2) H5N1 H5N1 (Avian strains) (3) H5N1 H7 (indicate N if known) (4) LPAI H5 (indicate N if known) (5) LPAI H7 (indicate N if known) (6) Other LPAI subtype (if known and state) (7) Influenza A subtype not identified	
							LONG-Y	LAT-X			Virus isolation (1) positive (2) negative (3) not performed	Serology (1) EID (2) ELISA (3) AG-IPD	Serology (confirmatory) (1) positive (2) negative (3) not performed		
1	48	-	4	12.10.2007	12.10.2007	1B90	FV3 AQ 05	47 38	24 10	1	2				
2	50	-	4	12.10.2007	12.10.2007	1490	FV3B 30	47 13	24 22	1	2				
3	51	-	4	12.10.2007	12.10.2007	1540	FV3E 50	47 14	25 32	1	2				
4	52	-	4	12.10.2007	12.10.2007	1540	FV3E 93	47 15	26 32	1	2				
5	53	-	4	12.10.2007	12.10.2007	1549	FV3D 93	47 16	27 22	1	2				
6	54	-	4	12.10.2007	12.10.2007	03720	FV3B F0951	46 57	24 32	1	2				
7	55	-	4	12.10.2007	12.10.2007	06550	FV3B F0951	46 88	25 32	1	2				
8	56	-	4	12.10.2007	12.10.2007	15030	FV3B F0951	46 89	26 32	1	2				
9	57	-	4	12.10.2007	12.10.2007	15749	FV21 Sier. Magh	47 06	24 33	1	2				
10	58	-	4	12.10.2007	12.10.2007	03700	FV21 Sier. Magh	47 09	25 33	1	2				
11	59	-	4	12.10.2007	12.10.2007	5830	FV22 D. T. T. A	47 22	24 43	1	2				

12	60	4	12-10-2007	12-11-2007	15820	FV22Dumira	47.22	24.48	4	2
13	61	4	12-10-2007	12-10-2007	15820	FV22Dumira	47.22	24.48	4	2
14	62	4	12-10-2007	12-10-2007	15820	FV22Dumira	47.22	24.48	4	2
15	63	4	12-10-2007	12-10-2007	15820	FV38Santihai	40.80	24.25	4	2
16	64	4	12-10-2007	12-10-2007	15820	FV38Santihai	40.80	24.25	4	2
17	65	4	12-10-2007	12-10-2007	15820	FV38Santihai	40.80	24.25	4	2
18	66	4	12-10-2007	12-10-2007	15820	FV38Santihai	40.80	24.25	4	2
19	67	4	12-10-2007	12-10-2007	5573	FV6Tbes	47.38	24.18	4	2
20	68	4	12-10-2007	12-10-2007	5573	FV6Tbes	47.38	24.19	4	2
21	69	4	12-10-2007	12-10-2007	5573	FV6Tbes	47.38	24.15	4	2
22	70	4	12-10-2007	12-10-2007	5573	FV6Tbes	47.38	24.18	4	2
1	52424	3	7-11-2007	7-11-2007	0-540		46-34.31	23-48.31	3	2
2	52425	3	7-11-2007	7-11-2007	0-540		46-34.31	23-48.31	3	2
3	52426	3	7-11-2007	7-11-2007	0-540		46-34.31	23-48.31	3	2
4	52427	3	7-11-2007	7-11-2007	0-540		46-34.31	23-48.31	3	2
5	52428	3	7-11-2007	7-11-2007	0-540		46-34.31	23-48.31	3	2
6	52429	3	7-11-2007	7-11-2007	0-540		46-34.31	23-48.31	3	2
7	52430	3	7-11-2007	7-11-2007	0-540		46-34.31	23-48.31	3	2
8	52431	3	7-11-2007	7-11-2007	0-540		46-34.31	23-48.31	3	2
9	52432	3	7-11-2007	7-11-2007	0-540		46-34.31	23-48.31	3	2
10	52433	3	7-11-2007	7-11-2007	0-540		46-34.31	23-48.31	3	2
11	52434	4	9-28-2007	0-8-2007	15390	FV 10 Livara	47-51-48.5	23-08-55.3	4	2
12	52435	4	9-28-2007	0-8-2007	15390	FV 10 Livara	47-51-48.5	23-08-55.3	4	2
13	52436	4	9-28-2007	0-8-2007	15390	FV 10 Livara	47-51-48.5	23-08-55.3	4	2
14	52437	4	10-2-2007	10-17-2007	06040	FV 25Cruciger	47-41-54.8	23-25-08.1	4	2
15	52438	4	10-2-2007	10-17-2007	5675	FV 25Cruciger	47-41-54.8	23-25-08.1	4	2
16	52439	4	10-2-2007	10-17-2007	15859	FV 25Cruciger	47-41-54.8	23-25-08.1	4	2
17	52440	4	10-2-2007	10-17-2007	15859	FV 28 Vets	47-45-08.54	22-45-17.65	4	2
18	52441	4	10-2-2007	10-17-2007	15859	FV 28 Vets	47-45-08.54	22-45-17.65	4	2
19	52442	4	10-2-2007	10-17-2007	15859	FV 28 Vets	47-45-08.54	22-45-17.65	4	2
20	52443	4	10-2-2007	10-17-2007	15859	FV 28 Vets	47-45-08.54	22-45-17.65	4	2
21	52444	4	10-2-2007	10-17-2007	15490	FV 11 Ghena	47-55-08.1	23-30-06.8	4	2
22	52445	4	10-2-2007	10-17-2007	15490	FV 11 Ghena	47-55-08.1	23-30-06.8	4	2
23	52446	4	10-2-2007	10-17-2007	12000	FV 11 Ghena	47-55-08.1	23-30-06.8	4	2
24	52447	4	10-2-2007	10-17-2007	12000	FV 11 Ghena	47-55-08.1	23-30-06.8	4	2
25	52448	4	10-2-2007	10-17-2007	12000	FV 11 Ghena	47-55-08.1	23-30-06.8	4	2
26	52449	4	10-2-2007	10-17-2007	05640	FV 9Icib	47-48-53.2	23-59-15.6	4	2
27	52450	4	10-2-2007	10-17-2007	15670	FV 9Icib	47-48-53.2	23-59-15.6	4	2
28	52451	4	10-2-2007	10-17-2007	03670	FV 9Icib	47-48-53.2	23-59-15.6	4	2
29	52452	4	10-2-2007	10-17-2007	03670	FV 9Icib	47-48-53.2	23-59-15.6	4	2
30	52453	4	10-2-2007	10-17-2007	5670	FV 7 Apa	47-56-10.6	23-12-35.7	4	2



62	1093	4	11/5/2007	11/7/2007	15600	FV 25 Crucior	47°41'34.8"	23°25'08.1"	4	2
61	1094	4	11/5/2007	11/7/2007	06840	FV 25 Crucior	47°41'34.8"	23°25'08.1"	4	2
62	1095	4	11/5/2007	11/7/2007	06870	FV 23 Geraiusa	47°37'34.4"	23°54'23.9"	4	2
63	1096	4	11/5/2007	11/7/2007	06870	FV 23 Geraiusa	47°37'34.4"	23°54'23.9"	4	2
64	1097	4	11/5/2007	11/7/2007	15450	FV 13 Babeș	47°54'32.7"	23°03'41.8"	4	2
65	1098	4	11/5/2007	11/7/2007	15460	FV 13 Babeș	47°54'32.7"	23°03'41.8"	4	2
66	1099	4	11/5/2007	11/7/2007	12000	FV 13 Babeș	47°54'32.7"	23°03'41.8"	4	2
67	1090	4	11/5/2007	11/7/2007	9510	FV 13 Babeș	47°54'32.7"	23°03'41.8"	4	2
68	1091	4	11/5/2007	11/7/2007	9510	FV 13 Babeș	47°54'32.7"	23°03'41.8"	4	2
69	1092	4	11/5/2007	11/7/2007	9510	FV 13 Babeș	47°54'32.7"	23°03'41.8"	4	2
70	1093	4	11/5/2007	11/7/2007	15450	FV 14 Halmeu	47°50'31.7"	23°01'41.8"	4	2
71	1094	4	11/5/2007	11/7/2007	15390	FV 14 Halmeu	47°50'31.7"	23°01'41.8"	4	2
72	1095	4	11/5/2007	11/7/2007	9510	FV 14 Halmeu	47°50'31.7"	23°01'41.8"	4	2
73	1096	4	11/5/2007	11/7/2007	10510	FV 14 Halmeu	47°50'31.7"	23°01'41.8"	4	2
74	1097	4	11/5/2007	11/7/2007	18510	FV 14 Halmeu	47°50'31.7"	23°01'41.8"	4	2
75	1098	4	11/5/2007	11/7/2007	15490	FV 90, b	47°48'53.2"	23°59'10.6"	4	2
76	1099	4	11/5/2007	11/7/2007	15490	FV 90, b	47°48'53.2"	23°59'10.6"	4	2
77	1100	4	11/5/2007	11/7/2007	15490	FV 90, b	47°48'53.2"	23°59'10.6"	4	2
78	1101	4	11/5/2007	11/7/2007	06840	FV 90, b	47°48'53.2"	23°59'10.6"	4	2
79	1102	4	11/5/2007	11/7/2007	06840	FV 90, b	47°48'53.2"	23°59'10.6"	4	2
80	1103	4	11/5/2007	11/7/2007	05610	FV 90, b	47°48'53.2"	23°59'10.6"	4	2
81	1104	4	11/5/2007	11/7/2007	16873	FV 6 Vama	47°47'36.5"	23°18'09.8"	4	2
82	1105	4	11/5/2007	11/7/2007	16673	FV 6 Vama	47°47'36.5"	23°18'09.8"	4	2
83	1106	4	11/5/2007	11/7/2007	16490	FV 6 Vama	47°47'36.5"	23°18'09.8"	4	2
84	1107	4	11/5/2007	11/7/2007	16490	FV 6 Vama	47°47'36.5"	23°18'09.8"	4	2
85	1108	4	11/5/2007	11/7/2007	18510	FV 6 Vama	47°47'36.5"	23°18'09.8"	4	2
86	1109	4	11/5/2007	11/7/2007	5430	FV 8 Vama	47°47'36.5"	23°18'09.8"	4	2
87	1110	4	11/5/2007	11/7/2007	15350	FV 8 Vama	47°47'36.5"	23°18'09.8"	4	2
88	1111	4	11/5/2007	11/7/2007	18300	FV 8 Vama	47°47'36.5"	23°18'09.8"	4	2
89	1112	4	10/28/2007	11/9/2007	15390	FV 10 Livada	47°51'48.5"	23°06'55.3"	4	2
90	1113	4	10/29/2007	11/9/2007	15390	FV 10 Livada	47°51'48.5"	23°06'55.3"	4	2
91	1114	4	10/29/2007	11/9/2007	15390	FV 10 Livada	47°51'48.5"	23°06'55.3"	4	2
92	1115	4	10/29/2007	11/9/2007	15450	FV 10 Livada	47°51'48.5"	23°06'55.3"	4	2
93	1116	4	10/26/2007	11/9/2007	15490	FV 10 Livada	47°51'48.5"	23°06'55.3"	4	2
94	1459	4	12/3/2007	12/5/2007	9510	FV 40 Carci	47°08'11.6"	22°22'06.5"	4	2
95	1460	4	12/3/2007	12/5/2007	9510	FV 40 Carci	47°08'11.6"	22°22'06.5"	4	2
96	1461	4	12/3/2007	12/5/2007	9510	FV 40 Carci	47°08'11.6"	22°22'06.5"	4	2
97	1462	4	12/3/2007	12/5/2007	9510	FV 40 Carci	47°08'11.6"	22°22'06.5"	4	2
98	1463	4	12/3/2007	12/5/2007	9510	FV 40 Carci	47°08'11.6"	22°22'06.5"	4	2
99	1464	4	12/3/2007	12/5/2007	06840	FV 36 Peleșii	47°35'57"	22°21'17"	4	2

100	1406	4	12/3/2007	12/5/2007	06840	FV 35 Per-ash	479357	2221.7	4	2
101	1408	4	12/3/2007	12/5/2007	06840	FV 35 Per-ash	479357	2221.7	4	2
102	1407	4	12/3/2007	12/5/2007	06840	FV 35 Per-ash	479357	2221.17	4	2
103	1408	4	12/3/2007	12/5/2007	06840	FV 35 Per-ash	479357	2213.05	4	2
104	1409	4	12/3/2007	12/5/2007	12030	FV 11 Green	479608.1	2213.05	4	2
105	1471	4	12/3/2007	12/5/2007	16390	FV 11 Green	479608.1	2213.05	4	2
106	1471	4	12/3/2007	12/5/2007	06840	FV 23 Green	479754.4	2254.23	4	2
107	1472	4	12/3/2007	12/5/2007	06840	FV 23 Green	479754.4	2254.23	4	2
108	1473	4	12/3/2007	12/5/2007	06840	FV 23 Green	479754.4	2254.23	4	2
109	1474	4	12/3/2007	12/5/2007	15670	FV 5B-2	479557.4	2238.18	4	2
110	1475	4	12/3/2007	12/5/2007	06840	FV 8B-2	479557.4	2238.18	4	2
111	1476	4	12/3/2007	12/5/2007	06840	FV 8B-2	479557.4	2238.18	4	2
112	1477	4	12/3/2007	12/5/2007	06870	FV 6B-2	479557.4	2230.16	4	2
113	1478	4	12/3/2007	12/5/2007	15673	FV 7 A-3	479019.6	2212.35	4	2
114	1479	4	12/3/2007	12/5/2007	15630	FV 7 A-3	479819.6	2212.35	4	2
115	1480	4	12/3/2007	12/5/2007	15652	FV 7 A-3	479619.6	2212.35	4	2
116	1481	4	12/3/2007	12/5/2007	06870	FV 7 A-3	479619.6	2212.35	4	2
117	1482	4	12/3/2007	12/5/2007	06840	FV 7 A-2	479619.6	2212.35	4	2
118	1483	4	12/4/2007	12/4/2007	15390	FV 15 M-GIA	479548.7	2295.08	4	2
119	1484	4	12/4/2007	12/4/2007	15390	FV 15 M-GIA	479548.7	2295.08	4	2
120	1485	4	12/5/2007	12/5/2007	15390	FV 9-1	479483.2	2299.13	4	2
121	1486	4	12/5/2007	12/5/2007	15390	FV 9-1	479483.2	2299.13	4	2
122	1487	4	12/5/2007	12/5/2007	15390	FV 9-1	479483.2	2299.13	4	2
123	1488	4	12/5/2007	12/5/2007	15390	FV 9-1	479483.2	2299.13	4	2
124	1489	4	12/5/2007	12/5/2007	15390	FV 12-1	479483.2	2299.13	4	2
125	1490	4	12/10/2007	12/10/2007	15390	FV 12-1	479483.2	2299.13	4	2
126	1491	4	12/10/2007	12/10/2007	15390	FV 12-1	479483.2	2299.13	4	2
127	1492	4	12/2/2007	12/2/2007	15390	FV 15 M-GIA	4795140.5	2295.08	4	2
128	1493	4	12/10/2007	12/10/2007	15390	FV 15 M-GIA	4795140.5	2295.08	4	2
1	4092	4	28/10/2007	28/10/2007	15673	FV 5 B-2	479619.6	2295.08	4	2
2	4019	4	27/12/2007	28/12/2007	01520	Cutback	4709544	2753073	6	3
2	4822	4	23/12/2007	28/12/2007	01520	As	47153735	2745219	3	2
2	2958	4	22/10/2007	22/10/2007	06850	As	47153735	2745219	3	2
2	7580	4	6/2/2007	6/2/2007	00310	Target	47123865	2636925	5	2
2	10378	3	7/3/2007	8/1/2007	01820	Target	44528595	2657520	6	2
3	10425	3	8/1/2007	8/1/2007	15330	Target	4436887	24462145	4	2
4	147306	3	8/27/2007	8/27/2007	01820	Target	44628595	28730432	6	2
1	4567	2	6/10/2007	6/10/2007	01840	Source	45160169	2869214	3	2











162	5220	18.10.2014	18.10.2014	18.10.2014	Ø1840	Maliuc	45.76336	29.096596	3	2
163	5220	18.10.2015	18.10.2015	18.10.2015	Ø1840	Maliuc	45.76336	29.096596	3	2
164	5220	18.10.2016	18.10.2016	18.10.2016	Ø1840	Maliuc	45.76336	29.096596	3	2
165	5220	18.10.2017	18.10.2017	18.10.2017	Ø1840	Maliuc	45.76336	29.096596	3	2
166	5220	18.10.2018	18.10.2018	18.10.2018	Ø1840	Maliuc	45.76336	29.096596	3	2
167	5220	18.10.2019	18.10.2019	18.10.2019	Ø1840	Maliuc	45.76336	29.096596	3	2
168	5220	18.10.2020	18.10.2020	18.10.2020	ØØ720	Maliuc	45.76336	29.096596	3	2
169	5220	18.10.2021	18.10.2021	18.10.2021	ØØ720	Maliuc	45.76336	29.096596	3	2
170	5220	18.10.2022	18.10.2022	18.10.2022	ØØ720	Maliuc	45.76336	29.096596	3	2
171	5220	18.10.2023	18.10.2023	18.10.2023	ØØ720	Maliuc	45.76336	29.096596	3	2
172	5220	18.10.2024	18.10.2024	18.10.2024	ØØ720	Maliuc	45.76336	29.096596	3	2
173	5220	18.10.2025	18.10.2025	18.10.2025	ØØ720	Maliuc	45.76336	29.096596	3	2
174	5220	18.10.2026	18.10.2026	18.10.2026	ØØ720	Maliuc	45.76336	29.096596	3	2
175	5220	18.10.2027	18.10.2027	18.10.2027	Ø520	Maliuc	45.76336	29.096596	3	2
176	5220	18.10.2028	18.10.2028	18.10.2028	Ø520	Maliuc	45.76336	29.096596	3	2
177	5220	18.10.2029	18.10.2029	18.10.2029	Ø520	Maliuc	45.76336	29.096596	3	2
178	5220	18.10.2030	18.10.2030	18.10.2030	Ø520	Maliuc	45.76336	29.096596	3	2
179	5220	18.10.2031	18.10.2031	18.10.2031	Ø520	Maliuc	45.76336	29.096596	3	2
180	5220	18.10.2032	18.10.2032	18.10.2032	Ø520	Maliuc	45.76336	29.096596	3	2
181	5220	18.10.2033	18.10.2033	18.10.2033	Ø520	Maliuc	45.76336	29.096596	3	2
182	5220	18.10.2034	18.10.2034	18.10.2034	Ø1020	Maliuc	45.76336	29.096596	3	2
183	5220	18.10.2035	18.10.2035	18.10.2035	Ø1520	Maliuc	45.76336	29.096596	3	2
184	5220	18.10.2036	18.10.2036	18.10.2036	Ø1520	Maliuc	45.76336	29.096596	3	2
185	5220	18.10.2037	18.10.2037	18.10.2037	Ø1520	Maliuc	45.76336	29.096596	3	2
186	5220	18.10.2038	18.10.2038	18.10.2038	Ø1520	Maliuc	45.76336	29.096596	3	2
187	5220	18.10.2039	18.10.2039	18.10.2039	Ø1520	Maliuc	45.76336	29.096596	3	2
188	5220	18.10.2040	18.10.2040	18.10.2040	Ø1520	Maliuc	45.76336	29.096596	3	2
189	5220	18.10.2041	18.10.2041	18.10.2041	Ø1520	Maliuc	45.76336	29.096596	3	2
190	5220	18.10.2042	18.10.2042	18.10.2042	Ø1520	Maliuc	45.76336	29.096596	3	2
191	5220	18.10.2043	18.10.2043	18.10.2043	Ø1520	Maliuc	45.76336	29.096596	3	2
192	5220	18.10.2044	18.10.2044	18.10.2044	Ø1520	Maliuc	45.76336	29.096596	3	2
193	5220	18.10.2045	18.10.2045	18.10.2045	Ø1520	Maliuc	45.76336	29.096596	3	2
194	5220	18.10.2046	18.10.2046	18.10.2046	Ø1520	Maliuc	45.76336	29.096596	3	2
195	5220	18.10.2047	18.10.2047	18.10.2047	Ø1520	Maliuc	45.76336	29.096596	3	2
196	5220	18.10.2048	18.10.2048	18.10.2048	Ø1520	Maliuc	45.76336	29.096596	3	2
197	5220	18.10.2049	18.10.2049	18.10.2049	Ø1520	Maliuc	45.76336	29.096596	3	2
198	5220	18.10.2050	18.10.2050	18.10.2050	Ø1520	Maliuc	45.76336	29.096596	3	2
199	5220	18.10.2051	18.10.2051	18.10.2051	Ø520	Maliuc	45.76336	29.096596	3	2
200	5220	18.10.2052	18.10.2052	18.10.2052	Ø520	Maliuc	45.76336	29.096596	3	2
201	5220	18.10.2053	18.10.2053	18.10.2053	Ø520	Maliuc	45.76336	29.096596	3	2

202	5220	2	18 10 2054	18 10 2054	01820	MAJLC	45 176336	29 096590	3	1	2
203	5125	2	18 10 2055	18 10 2055	01860	MAJLC	45 176336	29 096596	3	1	2
204	5125	2	18 10 2056	18 10 2056	01800	MAJLC	45 176336	29 096596	3	1	2
205	5220	2	18 10 2057	18 10 2057	01860	MAJLC	45 176336	29 096596	3	1	2
206	5220	2	18 10 2058	18 10 2058	01860	MAJLC	45 176336	29 096596	3	1	2
207	5220	2	18 10 2059	18 10 2059	01850	MAJLC	45 176336	29 096596	3	1	2
208	5220	2	18 10 2060	18 10 2060	01850	MAJLC	45 176336	29 096596	3	1	2
209	5220	2	18 10 2061	18 10 2061	01860	MAJLC	45 176336	29 096596	3	1	2
210	5220	2	18 10 2062	18 10 2062	01850	MAJLC	45 176336	29 096596	3	1	2
211	5220	2	18 10 2063	18 10 2063	01850	MAJLC	45 176336	29 096596	3	1	2
212	5220	2	18 10 2064	18 10 2064	01860	MAJLC	45 176336	29 096596	3	1	2
213	5220	2	18 10 2065	18 10 2065	01860	MAJLC	45 176336	29 096596	3	1	2
214	5220	2	18 10 2066	18 10 2066	01860	MAJLC	45 176336	29 096596	3	1	2
215	5220	2	18 10 2067	18 10 2067	01860	MAJLC	45 176336	29 096596	3	1	2
216	5220	2	18 10 2068	18 10 2068	01860	MAJLC	45 176336	29 096596	3	1	2
217	5220	2	18 10 2069	18 10 2069	01850	MAJLC	45 176336	29 096596	3	1	2
218	5220	2	18 10 2070	18 10 2070	01860	MAJLC	45 176336	29 096596	3	1	2
219	5220	2	18 10 2071	18 10 2071	01860	MAJLC	45 176336	29 096596	3	1	2
220	5220	2	18 10 2072	18 10 2072	01860	MAJLC	45 176336	29 096596	3	1	2
221	5220	2	18 10 2073	18 10 2073	01860	MAJLC	45 176336	29 096596	3	1	2
222	5220	2	18 10 2074	18 10 2074	01860	MAJLC	45 176336	29 096596	3	1	2
223	5220	2	18 10 2075	18 10 2075	01860	MAJLC	45 176336	29 096596	3	1	2
224	5220	2	18 10 2076	18 10 2076	01860	MAJLC	45 176336	29 096596	3	1	2
225	5220	2	18 10 2077	18 10 2077	01860	MAJLC	45 176336	29 096596	3	1	2
226	5220	2	18 10 2078	18 10 2078	01860	MAJLC	45 176336	29 096596	3	1	2
227	5220	2	18 10 2079	18 10 2079	01860	MAJLC	45 176336	29 096596	3	1	2
228	5220	2	18 10 2080	18 10 2080	01860	MAJLC	45 176336	29 096596	3	1	2
229	5220	2	18 10 2081	18 10 2081	01820	MAJLC	45 176336	29 096596	3	1	2
230	5220	2	18 10 2082	18 10 2082	01820	MAJLC	45 176336	29 096596	3	1	2
231	5220	2	18 10 2083	18 10 2083	01820	MAJLC	45 176336	29 096596	3	1	2
232	5220	2	18 10 2084	18 10 2084	01820	MAJLC	45 176336	29 096596	3	1	2
233	5220	2	18 10 2085	18 10 2085	01820	MAJLC	45 176336	29 096596	3	1	2
234	5220	2	18 10 2086	18 10 2086	01820	MAJLC	45 176336	29 096596	3	1	2
235	5364	2	26 10 2087	26 10 2087	01840	MAJLC	45 036245	29 164765	3	1	2
236	5364	2	26 10 2087	26 10 2087	01840	MAJLC	45 036245	29 164765	3	1	2
237	5364	2	26 10 2087	26 10 2087	01840	MAJLC	45 036245	29 164765	3	1	2
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239	5364	2	26 10 2087	26 10 2087	01840	MAJLC	45 036245	29 164765	3	1	2
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242	5364	2	26 10 2087	26 10 2087	01840	MAJLC	45 036245	29 164765	3	1	2
243	5364	2	26 10 2087	26 10 2087	01840	MAJLC	45 036245	29 164765	3	1	2
244	5364	2	26 10 2087	26 10 2087	01840	MAJLC	45 036245	29 164765	3	1	2



















582	6517	4	7.12.2007	0.2.2007	01840	FV 38 Somalia	45 189156	28 65214	3	4	2
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588	6526	4	8.12.2007	10.12.2007	03940	FV 35 Caraliu	45 18744	28 45491	3	4	2
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591	6527	4	10.12.2007	10.12.2007	01590	FV 38 Somalia	45 189156	28 65214	3	4	2
592	6527	4	10.12.2007	10.12.2007	01590	FV 38 Somalia	45 189156	28 65214	3	4	2
593	6508	4	8.12.2007	8.12.2007	01840	FV 38 Somalia	45 189156	28 65214	3	4	2
594	6508	4	8.12.2007	8.12.2007	01840	FV 38 Somalia	45 189150	28 65214	3	4	2
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596	6506	4	8.12.2007	8.12.2007	01840	FV 38 Somalia	45 189150	28 65214	3	4	2
597	6506	4	8.12.2007	8.12.2007	01840	FV 38 Somalia	45 189150	28 65214	3	4	2
598	6507	4	8.12.2007	8.12.2007	01840	Isocce	45 267856	28 458137	3	4	2
599	6507	4	8.12.2007	8.12.2007	01840	Isocce	45 267856	28 458137	3	4	2
600	6507	4	8.12.2007	8.12.2007	01840	Isocce	45 267856	28 458137	3	4	2
601	6507	4	8.12.2007	8.12.2007	01840	Isocce	45 267856	28 458137	3	4	2
602	6507	4	8.12.2007	8.12.2007	01840	Isocce	45 267856	28 458137	3	4	2
603	6507	4	8.12.2007	8.12.2007	01840	Isocce	45 267856	28 458137	3	4	2
604	6507	4	8.12.2007	8.12.2007	01840	Isocce	45 267856	28 458137	3	4	2
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619	6507	3	14-12-2007	14-12-2007	01860	Slu	45 156587	29 620271	3	4	2
620	6716	4	14-12-2007	14-12-2007	01860	Oslo	45 239407	29 620271	3	4	2
621	6716	4	14-12-2007	14-12-2007	01860	Oslo	45 239407	29 620271	3	4	2
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1	3616		18.10.2007	18.10.2007	05970	CH-SLEIT	44.679643	26.053027	1	4	2									
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2	12480		02.11.2007	02.11.2007	04650	SAVENI	44.602407	27.634566	3	5	4									
3	04498		02.11.2007	02.11.2007	04650	SAVENI	44.602407	27.634566	3	6	4									
4	04487		02.11.2007	02.11.2007	04650	SAVENI	44.602407	27.634566	3	2	4									
5	13648		02.11.2007	02.11.2007	04650	SAVENI	44.510045	27.634566	3	2	4									
6	13667		02.11.2007	02.11.2007	04650	SAVENI	44.508825	27.25752	3	2	4									
7	13666		02.11.2007	02.11.2007	04650	SAVENI	44.508825	27.25752	3	2	4									
9	10589		02.11.2007	02.11.2007	04640	CALINA	44.631364	27.345579	3	2	4									
5	05375		02.11.2007	02.11.2007	04650	ANARA	44.619006	27.316256	3	2	4									
10	10571		02.11.2007	02.11.2007	04650	GHERGHELAZAR	44.632807	27.455012	3	2	4									
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12	14096		28.12.2007	28.12.2007	01590	CARALI	44.657595	27.630835	3	2	4									
13	14067		28.12.2007	28.12.2007	01600	PLATONESTI	44.607236	27.690939	3	2	4									
14	4068		28.12.2007	28.12.2007	04080	PLATONESTI	44.607236	27.690939	3	2	4									
15	4089		28.12.2007	28.12.2007	04650	FAOENI	44.657595	27.690939	3	2	4									
16	14070		28.12.2007	28.12.2007	01600	SAVENI	44.607236	27.690939	3	2	4									
17	14071		28.12.2007	28.12.2007	01600	SAVENI	44.607236	27.690939	3	2	4									
18	14072		28.12.2007	28.12.2007	04620	CEGANI	44.487925	27.90758	3	2	4									
19	14073		28.12.2007	28.12.2007	01680	FELIST	44.372790	27.831464	3	2	4									
20	14074		28.12.2007	28.12.2007	01680	FELIST	44.372790	27.831464	3	2	4									
21	14075		28.12.2007	28.12.2007	04660	STRACIINA	44.645267	27.448807	3	2	4									
1	2034		12.11.2007	12.11.2007	04930	GHERGHITA	44.603172	26.360585	4	4	2									
2	2934		12.11.2007	12.11.2007	04930	GHERGHITA	44.603172	26.360585	4	4	2									
3	2934		12.11.2007	12.11.2007	04930	GHERGHITA	44.603172	26.360585	4	4	2									
4	2934		12.11.2007	12.11.2007	04290	SICRITA	44.839468	26.186267	4	4	2									
5	2935		12.11.2007	12.11.2007	04290	SICRITA	44.839468	26.186267	4	4	2									
8	2938		12.11.2007	12.11.2007	04290	SICRITA	44.839468	26.186267	4	4	2									
7	2936		12.11.2007	12.11.2007	15070	DRAGANEST	44.828229	26.288953	4	4	2									
8	2936		12.11.2007	12.11.2007	15070	DRAGANEST	44.828229	26.288953	4	4	2									
0	2935		12.11.2007	12.11.2007	15070	DRAGANEST	44.828229	26.288953	4	4	2									
1	10102		24.10.2007	24.10.2007	01640	BARCANESTI	44.299222	24.566419	4	4	2									
2	19238		28.10.2007	5.11.2007	01640	MILCOV	44.362238	24.376291	4	4	2									
3	19331		13.10.2007	2.11.2008	01640	SLATCARA	44.402732	24.323659	4	4	2									
4	19331		7.11.2007	12.11.2007	01090	STRALISTI	44.620654	24.26686	4	4	2									
5	19331		7.11.2007	12.11.2007	01690	STRALISTI	44.520654	24.26686	4	4	2									
6	0468		4.11.2007	19.11.2007	01690	DOBROGASA	44.789590	24.304741	4	4	2									

7	15537	6	1 11 2007	3 12 2007	01800	STREJESTI	44 529504	24 28966	5	4	2
8	15537	6	13 11 2007	3 12 2007	01550	PRISEACA	44 519511	24 44729	5	4	2
9	15537	6	27 11 2007	3 12 2007	01540	SLATINA	44 425954	24 373193	3	4	2
10	15537	6	27 11 2007	3 12 2007	01550	SLATINA	44 425954	24 373193	3	4	2
11	15537	6	27 11 2007	3 12 2007	01550	SLATINA	44 425954	24 373193	3	4	2
12	15537	6	27 11 2007	3 12 2007	01800	SLATINA	44 425954	24 373193	3	4	2
1	4949	3	18 12 2007	18 12 2007	01800	FV 32 GHIOROC	48 46073	21 594531	1	4	2
2	4949	3	18 12 2007	18 12 2007	01800	FV 32 GHIOROC	46 146073	21 594531	1	4	2
3	4949	3	18 12 2007	18 12 2007	01800	FV 32 GHIOROC	48 146073	21 594531	1	4	2
4	4949	3	18 12 2007	18 12 2007	01800	FV 32 GHIOROC	48 146073	21 594531	1	4	2
1	15625	1	3 12 2007	3 12 2007	01550	T.m. scara	45 747649	45 747649	1	5	2
1	15625	3	3 12 2007	3 12 2007	01550	Tim scara	45 747649	45 747649	1	5	2

## 5.1. Measures included in the programme for wild birds surveillance

5.1.1 Designation of the central authority charged with supervising and coordinating the departments responsible for implementing the programme:

The central authority in charge with the supervising and coordinating the departments implementing the programme is the National Sanitary Veterinary and Food Safety Authority. The programme for the surveillance of Avian Influenza in poultry and wild birds is drawn up at the level of the Animal Health Directorate, based on the data obtained from the County Sanitary Veterinary and Food Safety Directorates.

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

The programme will be applied on the entire territory of Romania, taking account of the high risk areas; there are identified 831 localities of high and medium risk for AI, located in the S-B of the country, and around lakes and pools where wild birds are present after migration; from this, will be sampled only the most exposed holdings, professional and non-professional ones.

5.1.3 Estimation of the local and/or migratory wildlife population

We can not make a really estimation of the migratory wildlife population, because, as have been seen in the winter of 2006-2007, the migration corridors changed, and common places for migratory birds in other times, became unfrequented by wild population.

The temperate climate from Romania, usually favors the migration of wild birds in high number.

Concerning the local population, there are species usually meet in the temperate climate, mainly: sparrow, wild pigeon, gabbbin, grebe, dabchick, carrion crow, hooded crow, water hen, mallard etc

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

The notification is made in accordance with the Council Directive 1982/894/C/EE, amended through Commission Decision 2004/216/CE, transposed into Romanian legislation throughs President Order no. 77/2005, amended through President Order no 107/2005.

The notification is made to the European Commission in ADNS system, and to OIE, in WAHIS system.

All suspicions are notified through rapid alert system to the Commission, and cases are notified when disease is confirmed and the notification report comes to NSVFSA .



## 7. Costs

### 7.1.

#### Detailed analysis of the costs:

##### 7.1.1 SEROLOGICAL SURVEILLANCE IN DOMESTIC BIRDS

##### Haemagglutination and haemagglutination inhibition tests in domestic birds

###### A. COMMERCIAL HOLDINGS

Broilers: 15720 x 12 euro = 188 640 euro

Laying hens: 6560 x 12 euro = 78 720 euro

Turkeys: 400 x 12 euro = 4800 euro

Pheasants, quails and raitites: 1400 x 12 euro = 16 800 euro

Geese and ducks: 300 x 12 euro = 3600 euro

**TOTAL: 292 560 euro**

###### B. NONCOMMERCIAL HOLDINGS (backyards)

Galinaeae (domestic birds): 5500 x 12 euro = 66 000 euro

Geese and ducks: 54762 x 12 euro = 657 144 euro

**TOTAL: 723 144 euro**

TOTAL SAMPLES SEROLOGICAL SURVEILLANCE – 84 642 from which:

TOTAL SAMPLES - DOMESTIC BIRDS IN COMMERCIAL HOLDINGS – 24 380

TOTAL SAMPLES – DOMESTIC BIRDS IN NONCOMMERCIAL HOLDINGS – 60 262





7.1.2 VIROLOGICAL SURVEILLANCE IN DOMESTIC BIRDS (for RT-PCR was calculated almost 10% from total serological samples and for virus isolation was calculated 5%.

**A. COMMERCIAL HOLDINGS**

RT-PCR test = 250 x 15 Euro = 3 750 EURO

VIRUS ISOLATION = 125 x 30Euro = 3 750 EURO

**B. NONCOMMERCIAL HOLDINGS**

RT-PCR test = 600 x 15 Euro = 9000 EURO

VIRUS ISOLATION = 300 x 30Euro = 9000 EURO

TOTAL SAMPLES VIROLOGICAL SURVEILLANCE = 1 275 from which:

TOTAL SAMPLES - DOMESTIC BIRDS IN COMMERCIAL HOLDINGS = 375

TOTAL SAMPLES - DOMESTIC BIRDS IN NONCOMMERCIAL HOLDINGS = 900

TOTAL COSTS SEROLOGICAL AND VIROLOGICAL SURVEILLANCE DOMESTIC BIRDS = 1 041 204 euro from which:

SEROLOGICAL SURVEILLANCE

Haemagglutination and haemagglutination inhibition tests = 1 015 704 euro

VIROLOGICAL SURVEILLANCE

RT-PCR test and virus isolation = 25 500 Euro



**7.1.3. WILD BIRDS**

**SAMPLING WILD BIRDS 2685 x 20 EURO = 53 700 EURO**

RT-PCR test = 700 x 15 Euro = 10 500 EURO

VIRUS ISOLATION = 100 x 30 Euro = 3000 EURO

**TOTAL COSTS SURVEILLANCE WILD BIRDS = 67 200 euro**

**TOTAL COSTS SURVEILLANCE DOMESTIC AND WILD BIRDS = 1 108 404 euro**

**7.2 Summary of the costs**

**7.2.1 DOMESTIC BIRDS SURVEILLANCE**

Measures eligible for co-financing surveillance in poultry		
Methods of laboratory analysis	Number of tests to perform per method	Unitary test cost (per method)
<b>SEROLOGIC</b>	84 642	12 Euro
Haemagglutination (HA) and haemagglutination inhibition-test (HI) for H5/H7 <sup>21</sup>		
<b>VIROLOGICAL</b>	1275 (850 RT-PCR and 425 virus isolation)	15 euro RT - PCR 30 euro virus isolation
<b>Other measures to be covered</b>	Specify activities	
Others		
<b>Total cost for surveillance in domestic birds:</b>		<b>1 041 204 euro</b>

<sup>21</sup> Specify number of tests for H5 and for H7



### 7.2.2 Wild birds surveillance

Measures eligible for co-financing surveillance wild birds				Total cost
Methods of laboratory analysis	Number tests to perform per method	Unitary test cost (per method)		
<b>SAMPLING WILD BIRDS</b>	<b>2685</b>	<b>20 euro</b>		<b>53700 euro</b>
PCR test	700	15 euro		10500 euro
Virus isolation test	100	30 euro		3000 euro
Other measures to be covered		Specify activities		
Others				
<b>Total cost of surveillance in wild birds</b>			<b>67 200 euro</b>	

**TOTAL COST FOR SURVEILLANCE IN DOMESTIC AND WILD BIRDS IN ROMANIA: 1 108 404 EURO**

