

## Follow-up report No.: 2

Report reference: , OIE Ref: 4934, Report Date: 26/02/2007, Country: Russia

### Report Summary

<b>Disease</b>	Highly pathogenic avian influenza	<b>Animal type</b>	Terrestrial
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Serotype(s)</b>	H5N1
<b>Clinical Signs</b>	Yes	<b>Reason</b>	Reoccurrence of a listed disease
<b>Date of confirmation of Event</b>	26/01/2007	<b>Date of Start of Event</b>	12/01/2007
<b>Date of report</b>	26/02/2007	<b>Diagnosis</b>	Suspicion, Clinical, Laboratory (basic), Laboratory (advanced)
<b>Date of last occurrence</b>	08/2006	<b>Number of reported outbreaks</b>	Submitted= 13, Draft= 0
<b>Name of Sender of the report</b>	Mr Evgueny A. Nepoklonov	<b>Address</b>	107139 MOSCOW MOSCOU
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<b>Entered by</b>	Mme Margarita Alonso		

### Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
KALUZHSKAYA OBLAST'		Borovsk	Village	Kolodkino	55,2	36,48	05/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	17	17	17	0	0		
<b>Affected Population</b>		backyard poultry (native chickens)						

### Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
MOSKOVSKAYA OBLAST'		Dmitrov	Village	Udino	56,34	37,51	19/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	12	4	4	8	0		
<b>Affected Population</b>		backyard poultry (native chickens)						

### Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
MOSKOVSKAYA OBLAST'		Odintsovo	Village	Ershovskie dachi	55,66	37,27	17/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	14	14	14	0	0		

Affected Population	backyard poultry (native chickens)
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### Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
MOSKOVSKAYA OBLAST'		Volokolamsk	Village	Solodovo	56,03	35,95	14/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	25	7	7	18	0		
Affected Population	backyard poultry (native chickens)							

### Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
MOSKOVSKAYA OBLAST'		Naro-Fominsk	Village	Marushkino	55,37	36,74	13/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	36	31	31	5	0		
Affected Population	backyard poultry (native chickens)							

### Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
MOSKOVSKAYA OBLAST'			Village	Ramenskoe	55,48	38,44	20/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	177	75	75	102	0		
Affected Population	backyard poultry (native chickens)							

### Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
MOSKOVSKAYA OBLAST'		Taldom	Village	Maklakovo	56,73	37,55	10/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	73	62	62	11	0		
Affected Population	backyard poultry (native chickens)							

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
MOSKOVSKAYA OBLAST'		Podolsk	Village	Babinki	55,44	37,56	16/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	59	4	4	55	0		
Affected Population	backyard poultry (native chickens and geese)							

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
MOSKOVSKAYA OBLAST'		Domodedovo	Village	Pavlovskoye	55,43	37,75	13/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	32	13	13	19	0		
<b>Affected Population</b>		backyard poultry (native chickens, turkeys and pigeons)						

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
MOSKOVSKAYA OBLAST'		Zvenigorod	Village	Shihovo	55,73	36,86	10/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	21	17	17	4	0		
<b>Affected Population</b>		backyard poultry (native chickens and guinea fowls)						

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
KRASNODARSKIY KRAY		Primorsko-Akhtarsky	Village	Borodinskaya	46,104333	38,258333	17/01/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	41	3	3	38	0		
<b>Affected Population</b>		native chickens and traditionally raised ducks, geese and turkey cocks.						

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
KRASNODARSKIY KRAY		Labinsk	Village	Upornaya	44,394333	41,0275	16/01/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	49	8	8	41	0		
<b>Affected Population</b>		native chickens and traditionally raised ducks, geese and turkey cocks.						

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
KRASNODARSKIY KRAY		Labinsk	Village	Labinsk	45,216666	39,685555	12/01/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	57	18	18	39	0		
<b>Affected Population</b>		native chickens and traditionally raised ducks, geese and turkey cocks.						

**Outbreak summary: Total outbreaks = 13 (Submitted)**

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	613	273	273	340	0

## Epidemiology

Epidemiological comments

### Source of Infection

- A source of infection for all outbreaks in Moscow region and neighbouring territory of Kaluzhskaya oblast was located at live bird market "Sadovod" in Moscow as confirmed by laboratory investigations.

## Control Measures

<b>Applied</b>	<ul style="list-style-type: none"> <li>• Movement control inside the country</li> <li>• Screening</li> <li>• Vaccination in response to the outbreak (s)</li> <li>• Disinfection of infected premises/establishment(s)</li> <li>• Quarantine</li> <li>• Stamping out</li> <li>• Control of wildlife reservoirs</li> <li>• Zoning</li> </ul>	<b>To be applied</b>	• No Planned Control Measures
	<b>Vaccination Prohibited</b>	No	
<b>Animals treated</b>	No		

## Country / Zone

Country or zone the whole country

## Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Federal Centre for Animal Health (FGI-ARRIAH)	Birds	pathogen isolation by egg inoculation	22/02/2007	Positive
National laboratory	Federal Centre for Animal Health (FGI-ARRIAH)	Birds	nucleotide sequencing	22/02/2007	Positive
National laboratory	Federal Centre for Animal Health (FGI-ARRIAH)	Birds	real-time PCR	25/02/2007	Positive
National laboratory	Federal Centre for Animal Health (FGI-ARRIAH)	Birds	polymerase chain reaction (PCR)	20/02/2007	Positive
National laboratory	Central Veterinary Laboratory, Moscow	Birds	pathogen isolation by egg inoculation	22/02/2007	Positive
National laboratory	Central Veterinary Laboratory, Moscow	Birds	polymerase chain reaction (PCR)	20/02/2007	Positive
National laboratory	Central Veterinary Laboratory, Moscow	Birds	real-time PCR	24/02/2007	Positive

## Future Reporting

### What further reports will be submitted in relation to this event?

There are 13 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

## Outbreak map

