

## Follow-up report No.: 4

Report reference: , OIE Ref: 6142, Report Date: 07/09/2007, 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>	07/09/2007	<b>Diagnosis</b>	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
<b>Date of last occurrence</b>	08/2006	<b>Number of reported outbreaks</b>	Submitted= 16, 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
KRASnodarskiy KRAY	Bryukhovetskiy	Razdolny	Farm	Lebyazhye-Chepiginskoe	45,81	38,99	28/08/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	161640	420	420	24600	0		
<b>Affected Population</b>		layer poultry farm						

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
RESPUBLIKA ADYGEYA	Krasnogvardeisk		Village	Dzhambechiy	42,14	39,59	18/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	91	71	71	20	0		
<b>Affected Population</b>		backyard poultry (native chickens)						

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
RESPUBLIKA ADYGEYA	Krasnogvardeisk		Village	Ulyap	45,02	39,96	18/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	45	43	43	2	0		

Affected Population	backyard poultry (native chickens)
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#### Outbreak (other 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		
Affected Population	backyard poultry (native chickens)							

#### Outbreak (other 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		
Affected Population	backyard poultry (native chickens)							

#### Outbreak (other 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)							

#### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
MOSKOVSKAYA OBLAST'		Volokolamsk	Village	Soldovo	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 (other 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 (other 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		
<b>Affected Population</b>		backyard poultry (native chickens)						

**Outbreak (other 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		
<b>Affected Population</b>		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		
<b>Affected Population</b>		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 = 16 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	162389	807	807	24962	0

#### Epidemiology

##### Epidemiological comments

Currently, replacement layer chickens belonging to the same farm and located in Limansky (the distance from the initial outbreak is 5 km) are suspected. Laboratory investigation is ongoing.

A ring vaccination/revaccination of backyard poultry around the outbreak is in progress.

**Source of Infection** • Unknown or inconclusive

#### Control Measures

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

	• Zoning
Animals treated	No

### Vaccination in response to outbreak

Province	Species	Number Vaccinated	Details
KRASNODARSKIY KRAY	Birds	32000	inactivated vaccine

### Country / Zone

Country or zone	the whole country
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### Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Krasnodar Interregional Veterinary Laboratory	Birds	polymerase chain reaction (PCR)	02/09/2007	Positive
National laboratory	Central Veterinary Laboratory (FGI), Moscow	Birds	polymerase chain reaction (PCR)	03/09/2007	Positive
National laboratory	Federal Centre for Animal Health (FGI-ARRIAH), Vladimir	Birds	virus isolation	06/09/2007	Positive
National laboratory	Federal Centre for Animal Health (FGI-ARRIAH), Vladimir	Birds	polymerase chain reaction (PCR)	03/09/2007	Positive

### Future Reporting

<b>What further reports will be submitted in relation to this event?</b>
There are 16 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

## Outbreak map

