

Follow-up report No.: 1

Report reference: , OIE Ref: 5314, Report Date: 10/12/2005, Country: Ukraine

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H5
Clinical Signs	Yes	Reason	First occurrence of a listed disease
Date of confirmation of Event	02/12/2005	Date of Start of Event	25/11/2005
Date of report	10/12/2005	Diagnosis	Clinical, Laboratory (advanced), Necropsy
Number of reported outbreaks	Submitted= 17, Draft= 0	Name of Sender of the report	Dr Petr I. Verbytskiy
Address	24, Khreshchetyk str. Kiev 1001	Position	CVO
Telephone	(38044) 279-12-70	Fax	
Email	kordon.nzgonnyk@minap.kiev.ua	Entered by	Mme Margarita Alonso

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Nizhnegorskiy		Village	Yemelyanovka	45,516666	34,916666	25/11/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	4000	265	265	3735	0		
Affected Population		chickens and geese						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Dzhankoyskiy		Village	Zavet-Leninskoe	45,85	34,4	25/11/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	4222	389	389	3833	0		
Affected Population		chickens and geese						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Nekrasovka	45,45	35	25/11/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	6076	879	879	5197	0		
Affected Population		chickens and geese						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Nizhnegorskiy		Village	Izobilnoe	45,583333	34,966666	25/11/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	3800	345	345	3455	0		
Affected Population		chickens and geese						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Dzhankovskiy		Village	Pushkino	45,833333	34,4	25/11/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1800	63	63	1737	0		
Affected Population		chickens and geese						

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Sovetske	45,333333	34,916666	07/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	3	3	0	0		
Affected Population								

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Krasnoflotske	45,366666	34,95	07/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	5130	4	4	0	0		
Affected Population								

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Dmytrivka	45,483333	35,066666	07/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	17210	13	13	0	0		
Affected Population								

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Chornozemne	45,4	34,8	07/12/2005	

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	3923	22	22	0	0
Affected Population						

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Simferopol		Farm	Simferopol	45,05	34,1	09/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	1	1	0	0		
Affected Population								

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Nizhnegorskiy		Village	Zorkino	45,55	34,7	07/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	7894	6	6	0	0		
Affected Population								

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Nizhnegorskiy		Village	Kirsanovka	45,483333	34,85	07/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	4	4	0	0		
Affected Population								

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Nizhnegorskiy		Village	Khlebnoye	45,4	34,866666	07/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	1	1	0	0		
Affected Population								

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Nizhnegorskiy		Village	Akimivka	45,5	34,85	07/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	5513	14	14	0	0		

Affected Population

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Krasnoperekopskiy		Village	Voyinka	45,86	33,98	09/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	7	7	0	0		
Affected Population								

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Feodosiya		Village	Sonyachne	45,05	35,35	09/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	2	2	0	0		
Affected Population								

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Feodosiya		Village	Primorske	45,533333	35,5	09/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	1	1	0	0		
Affected Population								

Outbreak summary: Total outbreaks = 17 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	59568	2019	2019	17957	0

Epidemiology

Epidemiological comments
<p>On 6 December 2005, samples were sent to the laboratory of Vladimir, in Russia (Russia national reference laboratory for avian influenza). On 8 December 2005, material was sent to the laboratory of Weybridge, United Kingdom (OIE Reference Laboratory for avian influenza).</p> <p>In these locations, clinical disease was reported in poultry. Laboratory tests are being conducted simultaneously at the Republic Laboratory of Veterinary Medicine of the Autonomous Republic of Crimea, Simferopol, and at the Central State Laboratory of Veterinary Medicine, Kiev.</p> <p>As of 9 December 2005, in accordance with the Emergency Plan for eradication and prevention of spreading of highly pathogenic avian influenza in Ukraine, the State Department of Veterinary Medicine has taken appropriate measures, including the following:</p> <ul style="list-style-type: none">- In locations where the disease has been registered, quarantine has been implemented and a protection zone (3 km) and surveillance zone (10 km) have been designated.- In the Autonomous Republic of Crimea (AR Crimea), six quarantine militia posts have been organised.

- Movement from AR Crimean quarantine zones into other establishments and sale to the population of live poultry, commodity and incubatory eggs, poultry products, feedingstuffs, equipment and poultry manure have been prohibited.
- Throughout the territory of Ukraine, the sale of live poultry and poultry products produced in private village households in AR Crimea has been temporarily prohibited.
- Throughout the territory of AR Crimea, the National Veterinary Service has formed 205 groups to perform clinical examination of poultry in the private sector. As of 9 December 2005, 11,902 households have been inspected in 167 locations, in which 1,087,055 birds are being kept. In the event of deaths in poultry, samples are collected and sent to the Crimean Republic Laboratory of Veterinary Medicine for the appropriate tests to be performed.
- Shooting of game birds is prohibited throughout the territory of Ukraine until 1 February 2006.
- Shooting of wild birds for laboratory diagnostic testing has been organised.

Source of Infection	• Contact with wild Species
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Control Measures

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

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	Central State Laboratory of Veterinary Medicine, Kiev	Birds	polymerase chain reaction (PCR)	02/12/2005	Positive
National laboratory	Central State Laboratory of Veterinary Medicine, Kiev	Birds	haemagglutination inhibition test (HIT)	02/12/2005	Positive

Future Reporting

What further reports will be submitted in relation to this event?
There are 17 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

Outbreak map

