

Follow-up report No.: 11

Report reference: , OIE Ref: 5436, Report Date: 10/03/2006, Country: Ukraine

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H5N1
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	10/03/2006	Diagnosis	Clinical, Laboratory (advanced), Necropsy
Number of reported outbreaks	Submitted= 41, Draft= 0	Name of Sender of the report	Mr Ivan Yuriyovych Bisyuk
Address	24, Khreshchetyk str. KIEV 01001	Position	CVO
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Email	kordon.nzgonnyk@minapk.kiev.ua	Entered by	Mme Margarita Alonso

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
SUMY	Burinskiy		Village	Piski	50,92	34,78	11/06/2006	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	10127	335	335	7000	0		
Affected Population			68 hens, 23 ducks and 244 geese					

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
ODESSA	Odessa		Not applicable	Odessa zoo	46,47	30,7	17/02/2006	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	545	24	24	0	0		
Affected Population			cormorant, pochard, pigeon, owl, falcon, scops owl, pheasant, kestrel, chicken, peacock, Nile goose, brent goose, swans, pelican and domestic goose.					

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Bilogorskiy		Village	Tsvetochnoye	45,05	34,59	26/01/2006	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	3	3	0	0		
Affected Population			turkeys					

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Kirovskiy		Village	Zolotoye Pole	45,12	34,99	17/01/2006	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	3900	28	28	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Bakhchisarayskiy		Village	Malovidnoye	44,75	33,86	17/01/2006	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	3	3	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Dzhankoykiy		Village	Predmostnoye	45,71	34,39	16/01/2006	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	969	34	34	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Feodosiya		Village	Ordzhonikidze	45,04	35,34	14/01/2006	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	384	4	4	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Feodosiya		Village	Beregovoye	45,04	35,34	13/01/2006	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1402	5	5	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Feodosiya		Village	Primorskoye	45,04	35,34	10/01/2006	21/06/2006

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	2935	1	1	0	0
Affected Population						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Nizhnegorskiy		Village	Nezhinskoye	45,45	34,73	22/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	3	3	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Alushtinskiy		Village	Privetnoye	44,82	34,68	22/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	5	5	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Belgorodskiy		Village	Vasilivka	45,06	34,59	19/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	13	13	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Krasnoperekopskiy		Village	Krepkoye	45,97	33,77	18/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	7	7	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Razdolnoye	45,33	34,93	16/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	5037	1	1	0	0		

Affected Population	clinical disease was reported in poultry
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Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Urozhaynoye	45,33	34,93	16/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	6924	0	0	4267	0		
Affected Population		no clinical cases						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Prisivashnoye	45,33	34,93	15/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2257	15	15	1298	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Chernomorskiy		Village	Maryino	45,49	32,69	13/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	604	5	5	0	0		
Affected Population		clinical disease was reported in poultry						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Chernomorskiy		Village	Khmelevo	45,49	32,69	13/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1459	5	5	4	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Chernomorskiy		Village	Chernomorskiy	45,49	32,69	13/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	5708	3	3	63	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Krasnoperekopskiy		Village	Krasnoperekopsk	45,97	33,77	12/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	12	12	0	0		
Affected Population			clinical disease was reported in poultry					

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Zavetnoye	45,33	34,93	10/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	13160	10	10	0	0		
Affected Population			clinical disease was reported in poultry					

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Krasnoperekopskiy		Village	Voyinka	45,86	33,98	09/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	7	7	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Feodosiya		Village	Sonyachne	45,05	35,35	09/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	2	2	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Simferopolskiy		Village	Solnechnoye	44,95	34,09	09/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	7	7	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Feodosiya		Village	Primorske	45,533333	35,5	09/12/2005	21/06/2006

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	...	1	1	0	0
Affected Population						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Sovetske	45,333333	34,916666	07/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2821	1	1	2820	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Chornozemne	45,4	34,8	07/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	3923	22	22	2547	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Nizhnegorskiy		Village	Zorkino	45,55	34,7	07/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	4872	6	6	4215	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Nizhnegorskiy		Village	Kirsanovka	45,483333	34,85	07/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1624	4	4	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Nizhnegorskiy		Village	Khlebnoye	45,4	34,866666	07/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	3367	1	1	0	0		

Affected Population	clinical disease was reported in poultry
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Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Nizhnegorskiy		Village	Akimivka	45,5	34,85	07/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	5513	14	14	5499	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Krasnoflotske	45,366666	34,95	07/12/2005	21/06/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	5500	4	4	3507	0		
Affected Population								

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	21/06/2006
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	Nizhnegorskiy		Village	Yemelyanovka	45,516666	34,916666	25/11/2005	21/06/2006
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	Feodosiya		Farm	Yugagro Ltd.	45,04	35,35	28/12/2005	19/01/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	60036	60036	60036	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Feodosiya		Farm	Pitsecomplex Ltd.	45,04	35,35	28/12/2005	19/01/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	82418	62638	62638	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Feodosiya		Farm	Poberzhye Ltd.	45,04	35,35	28/12/2005	19/01/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	23501	23501	23501	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Dzhankoykiy		Village	Zavet-Leninskoe	45,85	34,4	25/11/2005	19/12/2005
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	Dzhankoykiy		Village	Pushkino	45,833333	34,4	25/11/2005	19/12/2005
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1800	63	63	1502	0		
Affected Population chickens and geese								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Dmytrivka	45,483333	35,066666	07/12/2005	25/12/2005
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	8100	26	26	6224	0		
Affected Population								

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	13/12/2005

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	6076	1210	1210	4866	0
Affected Population		chickens and geese				

Outbreak summary: Total outbreaks = 41 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	276984	149058	149058	54835	0

Epidemiology

Epidemiological comments	Source of Infection
Since 12 February 2006, Odessa Zoo has been closed to visitors.	• Contact with wild Species

Control Measures

Applied	To be 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 	<ul style="list-style-type: none"> • No Planned Control Measures 				
Animals treated	No				
	<table border="1"> <thead> <tr> <th>Vaccination Prohibited</th> <th>Yes</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>	Vaccination Prohibited	Yes		
Vaccination Prohibited	Yes				

Country / Zone

Country or zone
the whole country

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
OIE's Reference Laboratory	VLA Weybridge (United Kingdom)	Birds	virus sequencing	11/03/2006	Positive
OIE's Reference Laboratory	VLA Weybridge (United Kingdom)	Birds	reverse transcription – polymerase chain reaction (RT-PCR)	11/03/2006	Positive
National laboratory	Central state laboratory of veterinary medicine, Kiev	Birds	polymerase chain reaction (PCR)	24/02/2006	Positive
National laboratory	Central state laboratory of veterinary medicine, Kiev	Birds	haemagglutination inhibition test (HIT)	24/02/2006	Positive

Future Reporting

What further reports will be submitted in relation to this event?
The event is resolved. No more reports will be submitted.

Outbreak map

