

## Follow-up report No.: 3

Report reference: , OIE Ref: 5161, Report Date: 31/03/2007, Country: Pakistan

### 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>	04/02/2007	<b>Date of Start of Event</b>	01/02/2007
<b>Date of report</b>	31/03/2007	<b>Diagnosis</b>	Laboratory (advanced), Necropsy
<b>Date of last occurrence</b>	07/2006	<b>Number of reported outbreaks</b>	Submitted= 15, Draft= 0
<b>Name of Sender of the report</b>	Dr R. H. Usmani	<b>Address</b>	3rd Floor 38-Khalid Plaza Jinnah Avenue, Blue Area Islamabad
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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
NORTH-WEST FRONTIER	Abbottabad		Farm	Salor Maira	34,2	73,13	23/03/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1500	870	217	1283	0		
<b>Affected Population</b>		broiler						

### Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
NORTH-WEST FRONTIER	Abbottabad		Farm	Beerh	34,2	73,13	23/03/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2000	1200	420	1580	0		
<b>Affected Population</b>		broiler						

### Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
NORTH-WEST FRONTIER	Mansehra		Farm	Bahali	34,39	73,11	23/03/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1300	845	422	878	0		

Affected Population	Golden layer
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### Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
NORTH-WEST FRONTIER	Abbottabad		Farm	Banda Battang	34,2	73,13	23/03/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1500	900	360	1140	0		
Affected Population		broiler						

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
NORTH-WEST FRONTIER	Peshawar		Village	Pir Sabak	34,03	71,49	07/03/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	150	90	60	90	0		
Affected Population		backyard poultry (Fayoumi breed)						

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
NORTH-WEST FRONTIER	Peshawar		Farm	Taru Jaba	34,03	71,49	12/03/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	12	2	2	10	0		
Affected Population		backyard farm/zoo (pigeons and peacocks)						

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
PUNJAB	Rawalpindi		Farm	Ayub Park	33,67	72,95	12/03/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	5	1	1	4	0		
Affected Population		backyard farm/zoo (ostriches)						

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
ISLAMABAD CAPITAL TERRITORY	Islamabad		Not applicable	Nelore	33,75	73,02	11/03/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Wild species	Animals	4	4	4	0	0		
Affected Population		wild crow						

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
NORTH-WEST FRONTIER	Peshawar		Farm	Peshawar	34,03	71,49	08/03/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	5	2	2	3	0		
<b>Affected Population</b>		backyard farm/zoo (peacocks)						

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
NORTH-WEST FRONTIER	Peshawar		Village	Pakna Pull	34,03	71,49	07/03/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	20	10	6	14	0		
<b>Affected Population</b>		backyard poultry (Fayoumi breed)						

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
NORTH-WEST FRONTIER	Peshawar		Village	Shahi Bala	34,03	71,49	07/03/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	122	91	64	58	0		
<b>Affected Population</b>		backyard poultry (Fayoumi breed)						

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
ISLAMABAD CAPITAL TERRITORY	Islamabad		Not applicable	Islamabad Zoo	33,72	73,06	16/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	42	4	3	39	0		
<b>Affected Population</b>		geese and turkeys in a zoo						

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
ISLAMABAD CAPITAL TERRITORY	Sector F-11		Farm	Sector F-11	33,72	73,06	13/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	20	5	1	19	0		
<b>Affected Population</b>		backyard poultry (peacocks, parrots, partridges, ducks, cranes and native hens)						

**Outbreak (other report - submitted)**

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
PUNJAB	Rawalpindi		Farm	Roomilane	33,651	72,968	02/02/2007	

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	40	20	18	22	0
Affected Population		backyard poultry (native hens)				

### Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
NORTH-WEST FRONTIER	Abbottabad	Manshera	Farm	Lohar Banda	34,404	73,121	01/02/2007	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	187	100	100	87	0		
Affected Population		backyard poultry including fancy birds like peacocks, pheasants, pigeons, ducks and parakeets.						

### Outbreak summary: Total outbreaks = 15 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	6903	4140	1676	5227	0
Wild species	4	4	4	0	0

### Epidemiology

Epidemiological comments	A ring vaccination with an H5 inactivated monovalent vaccine in a 3-km-radius zone around the outbreaks is ongoing.	Source of Infection	• Contact with wild Species
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### Control Measures

Applied	<ul style="list-style-type: none"> <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> </ul>	To be applied	• Zoning
	Vaccination Prohibited	No	
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	National Animal Sciences Institute, National Agricultural Research Centre, Islamabad	Birds	haemagglutination (HA) test	27/03/2007	Positive
National laboratory	National Animal Sciences Institute, National Agricultural Research Centre, Islamabad	Birds	haemagglutination inhibition test (HIT)	27/03/2007	Positive
National laboratory	National Animal Sciences Institute, National Agricultural Research Centre, Islamabad	Birds	rapid tests	27/03/2007	Positive
National laboratory	National Animal Sciences Institute, National Agricultural Research Centre, Islamabad	Birds	reverse transcription – polymerase chain reaction (RT-PCR)	27/03/2007	Positive
National laboratory	National Animal Sciences Institute, National Agricultural Research Centre, Islamabad	Birds	virus isolation	27/03/2007	Positive
National laboratory	National Animal Sciences Institute, National Agricultural Research Centre, Islamabad	Birds	virus neutralisation test (VNT)	27/03/2007	Positive

### Future Reporting

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

There are 15 outbreaks that are still recorded as unresolved. It is not

### Outbreak map

