

Immediate notification report

Report reference: , Ref OIE: 4608, Report Date: 02/03/2006 , Country: Pakistan

Report Summary

| | | | |
|--------------------------------------|------------------------------------|-------------------------------------|--|
| Disease | Highly pathogenic avian influenza | Animal type | Terrestrial |
| Causal Agent | Avian influenza virus | Serotype(s) | H5N1 |
| Clinical Signs | Yes | Reason | First occurrence of listed disease |
| Date of confirmation of Event | 27/02/2006 | Date of Start of Event | 23/02/2006 |
| Date of report | 02/03/2006 | Diagnosis | Clinical, Laboratory (basic), Laboratory (advanced) |
| Number of reported outbreaks | Submitted= 2, Draft= 0 | Name of Sender of the report | Dr R. H. Usmani |
| Address | 3rd Floor | Position | Animal Husbandry Commissioner/CVO Government of Pakistan |
| | 38-Khalid Plaza | Fax | (92-051) 922 13 57 |
| | Jinnah Avenue, Blue Area Islamabad | Entered by | Mme Margarita Alonso |
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Outbreak (this report - submitted)

| Province | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start | End |
|---|-----------------|--------------|-----------|------------|-----------|-------------|------------|-----|
| NORTH-WEST FRONTIER | | | Farm | Abbottabad | 34,16813 | 73,18532 | 23/02/2006 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | |
| Birds | Animals | 16000 | 1045 | 875 | 15125 | 0 | | |
| Affected Population | | | | | | | | |
| poultry at a breeder farm. The clinical signs observed in affected flocks were difficult/laboured breathing, whistling sounds, cyanotic comb/wattle and drop in production. | | | | | | | | |

Outbreak (this report - submitted)

| Province | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start | End |
|---|-----------------|--------------|-----------|----------|-----------|-------------|------------|-----|
| NORTH-WEST FRONTIER | | | Farm | Charsada | 34,16995 | 71,70724 | 23/02/2006 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | |
| Birds | Animals | 10450 | 2420 | 2000 | 8450 | 0 | | |
| Affected Population | | | | | | | | |
| poultry at a layer farm. The clinical signs observed in affected flocks were difficult/laboured breathing, whistling sounds, cyanotic comb/wattle and drop in production. | | | | | | | | |

Outbreak summary: Total outbreaks = 2 (Submitted)

| Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
|---------|-------------|-------|--------|-----------|-------------|
| Birds | 26450 | 3465 | 2875 | 23575 | 0 |

Epidemiology

| | |
|---|---------------------------|
| Epidemiological comments | |
| Other control measures: | |
| - strict biosecurity and zoosanitary measures have been instituted; | |
| - farm workers have been examined by the health authorities; | |
| - serosurveillance within a 15-km radius around the infected area is in progress; | |
| - an avian influenza emergency cell has been established at the Ministry of Food, Agriculture and Livestock, which is monitoring the situation. | |
| Other details/comments: | |
| The disease was detected during a routine veterinary visit. There have not been any other reports of disease from the surrounding areas. No cases have been reported at any broiler farms. Epidemiological investigations are underway. Samples have been sent to the OIE Reference Laboratory in Weybridge, United Kingdom | |
| Source of Infection | • Unknown or inconclusive |

Control Measures

| | | | |
|------------------------|--|-------------------------------|-------------------------------|
| Applied | • Movement control inside the country | To be applied | • No Planned Control Measures |
| | • Screening | Vaccination Prohibited | No |
| | • Disinfection of infected premises/establishment(s) | | |
| | • Quarantine | | |
| | • Stamping out | | |
| | • Zoning | | |
| Animals treated | 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 | National Animal Sciences Institute (national reference laboratory for avian influenza), Islamabad | Birds | virus isolation | 27/02/2006 | Positive |
| National laboratory | National Animal Sciences Institute (national reference laboratory for avian influenza), Islamabad | Birds | polymerase chain reaction (PCR) | 27/02/2006 | Positive |
| National laboratory | National Animal Sciences Institute (national reference laboratory for avian influenza), Islamabad | Birds | haemagglutination inhibition test (HIT) | 27/02/2006 | Positive |

| | | | | | |
|---------------------|---|-------|-----------------------------|------------|----------|
| National laboratory | National Animal Sciences Institute (national reference laboratory for avian influenza), Islamabad | Birds | haemagglutination (HA) test | 27/02/2006 | Positive |
| National laboratory | National Animal Sciences Institi | | | 27/02/2006 | Positive |

Future Reporting

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

Outbreak map

