

Follow-up report No.: 3

Report reference: , OIE Ref: 9658, Report Date: 02/09/2010, Country: Nepal

Report Summary

| | | | |
|--|---|-------------------------------------|----------------------------------|
| Disease | Highly pathogenic avian influenza | Animal type | Terrestrial |
| Causal Agent | Highly pathogenic avian influenza virus | Serotype(s) | H5N1 |
| Clinical Signs | Yes | Reason | Reoccurrence of a listed disease |
| Date of first confirmation of the event | 31/01/2010 | Date of Start of Event | 26/01/2010 |
| Date of report | 02/09/2010 | Date Submitted To OIE | 02/09/2010 |
| Diagnosis | Clinical, Laboratory (basic), Laboratory (advanced), Necropsy | Date Of Last Occurrence | 20/02/2009 |
| Number Of Reported Outbreaks | Submitted= 7, Draft= 0 | Name of Sender of the report | Dr Ram Krishna Khatiwada |
| Address | Tripureshwor | Position | Programme Director |
| | Kathmandu Kathmandu | Fax | (977-1) 42 61 521 |
| Telephone | (977-1) 42 50 719 | Entered by | Dr Ram Krishna Khatiwada |
| Email | ahd@healthnet.org.np | | |

Outbreak (other report - submitted)

| Zone | District | Village | Unit Type | Location | Latitude | Longitude | Start date | End Date |
|----------------------------|------------------------|---|--------------|--|------------------|--------------------|------------|------------|
| GANDAKI | Kaski | Gharipatan | Village | Pokhara submetropolitan city, ward No. 7 | 28,197 | 83,982 | 26/01/2010 | 17/02/2010 |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | |
| Birds | Animals | 11281 | 153 | 153 | 11128 | 0 | | |
| Affected Population | | Backyard ducks and chickens and few commercial farms. | | | | | | |

Outbreak (other report - submitted)

| Zone | District | Village | Unit Type | Location | Latitude | Longitude | Start date | End Date |
|----------------------------|------------------------|--------------------|--------------|---------------|------------------|--------------------|------------|------------|
| BHERI | Banke | Chatakpur | Village | Phatepur-7* | 28,06 | 81,75 | 04/02/2010 | 25/02/2010 |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | |
| Birds | Animals | 637 | 351 | 351 | 286 | 0 | | |
| Affected Population | | Backyard birds | | | | | | |

Outbreak (other report - submitted)

| Zone | District | Village | Unit Type | Location | Latitude | Longitude | Start date | End Date |
|----------|----------|-----------|-----------|-------------|----------|-----------|------------|------------|
| NARAYANI | Chitwan | Kunaghari | Village | Chainpur-8* | 27,64 | 84,62 | 16/02/2010 | 19/02/2010 |

| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
|---------------------|-----------------|------------------|-------|--------|-----------|-------------|
| Birds | Animals | 224 | 30 | 30 | 194 | 0 |
| Affected Population | | Backyard poultry | | | | |

Outbreak (other report - submitted)

| Zone | District | Village | Unit Type | Location | Latitude | Longitude | Start date | End Date |
|---------------------|-----------------|----------------|-----------|---------------|-----------|-------------|------------|------------|
| LUMBINI | Rupandehi | Buddhanagar | Village | Dudhraccha-3* | 27,7 | 83,29 | 19/02/2010 | 04/03/2010 |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | |
| Birds | Animals | 614 | 256 | 256 | 358 | 0 | | |
| Affected Population | | Backyard birds | | | | | | |

Outbreak (other report - submitted)

| Zone | District | Village | Unit Type | Location | Latitude | Longitude | Start date | End Date |
|---------------------|-----------------|----------------------------|-----------|-----------------------|-----------|-------------|------------|------------|
| RAPTI | Dang | Ghorahi | Village | Tribhuvannagar NP-10* | 28,05 | 82,49 | 25/02/2010 | 25/02/2010 |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | |
| Birds | Animals | ... | 2 | 2 | 0 | 0 | | |
| Affected Population | | Backyard birds found dead. | | | | | | |

Outbreak (other report - submitted)

| Zone | District | Village | Unit Type | Location | Latitude | Longitude | Start date | End Date |
|---------------------|-----------------|--------------------------------------|-----------|---------------------------------|-----------|-------------|------------|------------|
| SETI | Kailali | Tikapur municipality, ward No 9 | Village | Tikapur municipality, ward No 9 | 28,529 | 81,127 | 02/03/2010 | 23/03/2010 |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | |
| Birds | Animals | 123 | 40 | 40 | 83 | 0 | | |
| Affected Population | | Backyard chickens, ducks and pigeons | | | | | | |

Outbreak (other report - submitted)

| Zone | District | Village | Unit Type | Location | Latitude | Longitude | Start date | End Date |
|---------------------|-----------------|--------------------------------------|-----------|---------------------------------|-----------|-------------|------------|------------|
| LUMBINI | Nawalparasi | Deurali VDC ward No 6, Jhyalbas | Village | Deurali VDC ward No 6, Jhyalbas | 27,683 | 84,063 | 08/03/2010 | 30/03/2010 |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | |
| Birds | Animals | 4767 | 216 | 216 | 4551 | 0 | | |
| Affected Population | | Backyard chickens, ducks and pigeons | | | | | | |

Outbreak summary: Total outbreaks = 7 (Submitted)

| Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
|---------|-------------|-------|--------|-----------|-------------|
| Birds | 17646 | 1048 | 1048 | 16600 | 0 |

Epidemiology

| Epidemiological comments |
|--|
| In the post-operative surveillance period from 30 March 2010 to 12 August 2010, commercial poultry farms, backyard poultry and wet markets were visited for active surveillance. During this time 2,731 households and 562 farms were visited. |

A total of 2,384 samples (702 tracheal swabs, 938 cloacal swabs, 159 serums, 438 fresh feces and 147 dead birds) were tested. All samples were found negative for HPAI virus. There was no evidence of antibody against HPAI virus in the tested serum.

Source of the outbreak(s) or origin of infection • Unknown or inconclusive

Control Measures

| | | | |
|------------------------|---|-------------------------------|-------------------------------|
| Applied | <ul style="list-style-type: none"> • Stamping out • Quarantine • Movement control inside the country • Disinfection of infected premises/establishment(s) • Dipping / Spraying | To be applied | • No Planned Control Measures |
| | | Vaccination Prohibited | Yes |
| 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 | Central Veterinary Laboratory | Birds | polymerase chain reaction (PCR) | 12/08/2010 | Negative |
| National laboratory | Central Veterinary Laboratory | Birds | rapid tests | 12/08/2010 | Negative |

Future Reporting

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

Outbreak maps

