

Follow-up report No.2

Report reference: , Reference OIE : 16584, Report Date : 25/11/2014, Country : Japan

Report Summary

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|-------------------------------------|--|------------------------------|-------------------------------|
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| | Tokyo 100-8950 | Date submitted to OIE | 25/11/2014 |

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|-------------------------------------|---|--|-----------------------|
| Animal type | Terrestrial | Date of report | 25/11/2014 |
| Disease | Highly pathogenic avian influenza | Date of start of the event | 03/11/2014 |
| Causal Agent | Highly pathogenic avian influenza virus | Date of pre-confirmation of the event | 13/11/2014 |
| Serotype(s) | H5N8 | Date of last occurrence | 16/04/2014 |
| Reason | Reoccurrence of a listed disease | Diagnosis | Laboratory (advanced) |
| Country or zone | the whole country | Clinical signs | No |
| Number of reported outbreaks | submitted= 2, Draft= 0 | | |

Outbreak details

| Province | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|--|---|-------------|--------------|----------------|------------|-------------|------------|------------|------------|
| SHIMANE-other report - submitted | - | | | Not applicable | Yasugi-shi | 35.431442 | 133.250915 | 03/11/2014 | 13/11/2014 |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | | |
| Tundra Swan:Anatidae(Cygnus columbianus) | Animals | ... | 1 | 0 | 0 | 0 | | | |
| Affected Population | 2 fecal samples from Cygnus columbianus (tundra swan) | | | | | | | | |

| Province | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|---|---|--------------|--------------|----------------|------------|-------------|------------|------------|------------|
| CHIBA-other report - submitted | - | Nagara-machi | | Not applicable | Chosei-gun | 35.431122 | 140.227086 | 18/11/2014 | 22/11/2014 |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | | |
| Anatidae (unidentified):Anatidae(A natidae (incognita)) | Animals | ... | 1 | 0 | 0 | 0 | | | |
| Affected Population | 2 fecal samples from Anatidae (species are unknown since only fecal samples were collected) | | | | | | | | |

Outbreak summary: Total outbreaks = 2 (Submitted)

| Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
|-------------------------|-------------|-------|--------|-----------|-------------|
| Tundra Swan | | 1 | 0 | 0 | 0 |
| Anatidae (unidentified) | | 1 | 0 | 0 | 0 |

Epidemiology

Epidemiological comments

It was confirmed on 20 November 2014 that 2 fecal samples out of 50 fecal samples from Anatidae (wild birds, species unknown) were positive for H5N8 influenza A virus. The samples had been collected on 18 November 2014 and were subject to virus isolation and real-time RT-PCR. The confirmation tests on the pathogenicity of the virus were conducted by the National Institute of Animal Health (NIAH) and the result of gene sequencing indicated that a HA0 cleavage site of the amino acid sequence was consistent with that of highly pathogenic avian influenza virus (positive results from fecal samples only and no clinical cases).

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

| | |
|----------------------------|-------------------------------|
| No Control Measures | |
| | |
| Animals treated | Vaccination Prohibited |
| No | Yes |

Diagnostic test results

| Laboratory Type | Name of Laboratory | Species | Test Type | Date Results Provided | Result |
|------------------------|-------------------------------------|-------------------------|---|------------------------------|---------------|
| National laboratory | National Institute of Animal Health | Anatidae (unidentified) | neuraminidase inhibition assay | 22/11/2014 | Positive |
| National laboratory | National Institute of Animal Health | Anatidae (unidentified) | gene sequencing | 21/11/2014 | Positive |
| Local laboratory | Chiba Livestock Hygiene Centre | Anatidae (unidentified) | real-time reverse transcriptase/polymerase chain reaction (RRT-PCR) | 20/11/2014 | Positive |
| Local laboratory | Chiba Livestock Hygiene Centre | Anatidae (unidentified) | virus isolation | 20/11/2014 | Positive |

Future Reporting

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| The event is continuing. Weekly follow-up reports will be submitted. |
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Outbreak maps

