

Follow-up report No.3

Report reference: , Reference OIE : 16682, Report Date : 04/12/2014, Country : Japan

Report Summary

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|-------------------------------------|--|------------------------------|-------------------------------|
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| | Tokyo 100-8950 | Date submitted to OIE | 04/12/2014 |

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|-------------------------------------|---|--|-----------------------|
| Animal type | Terrestrial | Date of report | 04/12/2014 |
| 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= 3, 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: |
|---|---|--------------------|--------------|----------------|------------------|--------------------|------------|------------|------------|
| TOTTORI- (this report - submitted) | - | | | Not applicable | Tottori-shi | 35.501133 | 134.235091 | 18/11/2014 | 26/11/2014 |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | | |
| Anatidae (unidentified):Anatidae(A natidae (incognita)) | Animals | ... | 1 | 0 | 0 | 0 | | | |
| Affected Population | A fecal sample from Anatidae (species are unidentified since only fecal samples were collected) | | | | | | | | |

| 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 = 3 (Submitted)

| Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
|---------|-------------|-------|--------|-----------|-------------|
| | | | | | |

| Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
|-------------------------|-------------|-------|--------|-----------|-------------|
| Tundra Swan | | 1 | 0 | 0 | 0 |
| Anatidae (unidentified) | | 2 | 0 | 0 | 0 |

Epidemiology

Epidemiological comments

It was confirmed on 26 November 2014 that a fecal sample from Anatidae (wild birds, species unidentified) was positive for H5N8 influenza A virus. The samples had been collected on 18 November 2014 and were subject to virus isolation and RT-PCR. The confirmation tests on the pathogenicity of the virus were conducted by Tottori University 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 a fecal sample 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 |
|--------------------|--------------------|-------------------------|--|-----------------------|----------|
| Private Laboratory | Tottori University | Anatidae (unidentified) | virus isolation | 23/11/2014 | Positive |
| Private Laboratory | Tottori University | Anatidae (unidentified) | reverse transcription - polymerase chain reaction (RT-PCR) | 25/11/2014 | Positive |
| Private Laboratory | Tottori University | Anatidae (unidentified) | gene sequencing | 26/11/2014 | Positive |
| Private Laboratory | Tottori University | Anatidae (unidentified) | haemagglutination inhibition test (HIT) | 26/11/2014 | Positive |
| Private Laboratory | Tottori University | Anatidae (unidentified) | neuraminidase inhibition assay | 27/11/2014 | Positive |

Future Reporting

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

Outbreak maps

