

## Follow-up report No.2

Report reference: , Reference OIE : 29260, Report Date : 18/01/2019, Country : Iran

### Report Summary

|                                     |   |                              |                     |
|-------------------------------------|---|------------------------------|---------------------|
| <b>Name of sender of the report</b> | Dr Akbarshahi   | <b>Telephone</b>             | +982188953400       |
| <b>Position</b>                     |   | <b>Fax</b>                   | +982188902712       |
| <b>Address</b>                      | Iran Veterinary Organization(IVO)   | <b>Email</b>                 | a-akbarshahi@ivo.ir |
|                                     | S.J. Asadabadi St , Valiasr Ave, Tehran- Iran<br>P.O Box 14155-6349<br>Tehran | <b>Date submitted to OIE</b> | 19/01/2019          |

|                                     |   |  |   |
|-------------------------------------|---|--|---|
| <b>Animal type</b>                  | Terrestrial                             | <b>Date of report</b>                    | 18/01/2019  |
| <b>Disease</b>                      | Highly pathogenic avian influenza       | <b>Date of start of the event</b>        | 24/12/2018  |
| <b>Causal Agent</b>                 | Highly pathogenic avian influenza virus | <b>Date of confirmation of the event</b> | 24/12/2018  |
| <b>Serotype(s)</b>                  | H5N8                                    | <b>Date of last occurrence</b>           | 30/01/2017  |
| <b>Reason</b>                       | Recurrence of a listed disease          | <b>Diagnosis</b>                         | Clinical, Laboratory (basic), Laboratory (advanced), Necropsy |
| <b>Country or zone</b>              | a zone or compartment                   | <b>Clinical signs</b>                    | Yes   |
| <b>Number of reported outbreaks</b> | submitted= 3, Draft= 0                  |  |   |

### Outbreak details

| Province                            | Number of outbreaks | District    | Sub-district | Unit Type | Location               | Latitude    | Longitude | Start Date | End Date:  |
|-------------------------------------|---------------------|-------------|--------------|-----------|------------------------|-------------|-----------|------------|------------|
| Mazandaran-other report - submitted | -                   |             |              | Village   | Bala Langor            | 36.60364    | 52.74197  | 24/12/2018 | 25/12/2018 |
| Species                             | Measuring units     | Susceptible | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds                               | Animals             | 1400        | 1000         | 400       | 1000                   | 0           |           |            |            |
| Affected Population                 | Duck                |             |              |           |                        |             |           |            |            |

| Province                            | Number of outbreaks | District    | Sub-district | Unit Type | Location               | Latitude    | Longitude | Start Date | End Date:  |
|-------------------------------------|---------------------|-------------|--------------|-----------|------------------------|-------------|-----------|------------|------------|
| Mazandaran-other report - submitted | -                   |             |              | Farm      | Nor joje               | 36.4979     | 52.1864   | 25/12/2018 | 27/12/2018 |
| Species                             | Measuring units     | Susceptible | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds                               | Animals             | 35660       | 35260        | 394       | 35266                  | 0           |           |            |            |
| Affected Population                 | Broiler breeders    |             |              |           |                        |             |           |            |            |

| Province                       | Number of outbreaks | District    | Sub-district | Unit Type | Location               | Latitude    | Longitude | Start Date | End Date:  |
|--------------------------------|---------------------|-------------|--------------|-----------|------------------------|-------------|-----------|------------|------------|
| Qom- (this report - submitted) | -                   |             |              | Backyard  | Ali Khedri             | 34.64565    | 50.82184  | 02/01/2019 | 03/01/2019 |
| Species                        | Measuring units     | Susceptible | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| Birds                          | Animals             | 12138       | 12138        | 8000      | 4138                   | 0           |           |            |            |
| Affected Population            | Backyard poultry    |             |              |           |                        |             |           |            |            |

### Outbreak summary: Total outbreaks = 3 (Submitted)

| Species | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered |
|---------|-------------|-------|--------|------------------------|-------------|
| Birds   | 49198       | 48398 | 8794   | 40404                  | 0           |

### Epidemiology

#### Epidemiological comments

Based on Iran's HPAI control strategy, four different steps of HPAI operational control program (1- report/ detect, 2- confirmation, 3- extinction, 4- closure) are ongoing. The main objective of our National Program is to close the HPAI outbreaks; through trace-back and trace-forward investigation, this new outbreak was reported and closed successfully.

#### Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

### Measures applied

| Applied | To be applied |
|---------|---------------|
|         |               |

| Applied   | To be applied   |
|---|---|
| <ul style="list-style-type: none"> <li>• surveillance outside containment and/or protection zone</li> <li>• surveillance within containment and/or protection zone</li> <li>• screening</li> <li>• quarantine</li> <li>• official disposal of carcasses, by-products and waste</li> <li>• stamping out</li> <li>• zoning</li> <li>• disinfection</li> </ul> | <ul style="list-style-type: none"> <li>• no planned control measures</li> </ul> |
| Animals treated   | Vaccination Prohibited  |
| No  | Yes   |

#### Diagnostic test results

| Laboratory Type     | Name of Laboratory  | Species | Test Type     | Date results provided | Result   |
|---------------------|---|---------|---------------|-----------------------|----------|
| National laboratory | Central Veterinary Laboratory of Iran Veterinary Organization | Birds   | real-time PCR | 04/01/2019            | Positive |
| Local laboratory    | Provincial Veterinary Laboratory of Tehran                    | Birds   | real-time PCR | 02/01/2019            | Positive |

#### Future Reporting

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

## Outbreak maps

