

Follow-up report No.5

Report reference: , Reference OIE : 29411, Report Date : 02/02/2019, Country : Iran

Report Summary

| | | | |
|-------------------------------------|---|------------------------------|---------------------|
| Name of sender of the report | Dr Akbarshahi | Telephone | +982188953400 |
| Position | | Fax | +982188902712 |
| Address | Iran Veterinary Organization(IVO) | Email | a-akbarshahi@ivo.ir |
| | S.J. Asadabadi St , Valiasr Ave, Tehran- Iran P.O Box 14155-6349 Tehran | Date submitted to OIE | 04/02/2019 |

| | | | |
|-------------------------------------|---|--|---|
| Animal type | Terrestrial | Date of report | 02/02/2019 |
| Disease | Highly pathogenic avian influenza | Date of start of the event | 24/12/2018 |
| Causal Agent | Highly pathogenic avian influenza virus | Date of confirmation of the event | 24/12/2018 |
| Serotype(s) | H5N8 | Date of last occurrence | 30/01/2017 |
| Reason | Recurrence of a listed disease | Diagnosis | Clinical, Laboratory (basic), Laboratory (advanced), Necropsy |
| Country or zone | a zone or compartment | Clinical signs | Yes |
| Number of reported outbreaks | submitted= 5, 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-other 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 | | | | | | | | |

| Province | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|---|------------------------|--------------------|--------------|---------------|-------------------------------|--------------------|------------|------------|------------|
| West Azarbayejan-other report - submitted | - | | | Village | Haj Hassan Khalese | 37.066087 | 45.9545281 | 15/01/2019 | 17/01/2019 |
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| Birds | Animals | 1046 | 1046 | 154 | 892 | 0 | | | |
| Affected Population | Backyard poultry | | | | | | | | |

| Province | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|-----------------------------------|------------------------|--------------------|--------------|---------------|-------------------------------|--------------------|-----------|------------|------------|
| Zanjan- (this report - submitted) | - | | | Backyard | Bala shenat | 36.19326 | 49.25563 | 22/01/2019 | 23/01/2019 |
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| Birds | Animals | 823 | 823 | 25 | 798 | 0 | | | |

| Province | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|---------------------|---------------------|-------------|--------------|-----------|------------------------|-------------|-----------|------------|-----------|
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| Affected Population | Backyard poultry | | | | | | | | |

Outbreak summary: Total outbreaks = 5 (Submitted)

| Species | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered |
|---------|-------------|-------|--------|------------------------|-------------|
| Birds | 51067 | 50267 | 8973 | 42094 | 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 |
|---|---|
| <ul style="list-style-type: none"> • surveillance outside containment and/or protection zone • surveillance within containment and/or protection zone • screening • quarantine • official disposal of carcasses, by-products and waste • stamping out • zoning • disinfection | <ul style="list-style-type: none"> • no planned 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 | Central Veterinary Laboratory of Iran Veterinary Organization | Birds | real-time PCR | 25/01/2019 | Positive |
| National laboratory | Provincial Veterinary Laboratory of Qazvin | Birds | real-time PCR | 22/01/2019 | Positive |

Future Reporting

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

Outbreak maps

