

## Follow-up report No.2

Report reference: , Reference OIE : 17619, Report Date : 19/05/2015, Country : India

### Report Summary

|                                     |   |                              |                 |
|-------------------------------------|---|------------------------------|-----------------|
| <b>Name of sender of the report</b> | Mr Ashok Kumar Angurana   | <b>Telephone</b>             | +91 11 23382608 |
| <b>Position</b>                     | Secretary   | <b>Fax</b>                   | +91 11 23388006 |
| <b>Address</b>                      | Room No.218-A, Krishi Bhawan, Dr<br>Rajendra Prasad Road,<br>New Delhi-110001 New Delhi | <b>Email</b>                 | secyahd@nic.in  |
|                                     |   | <b>Date submitted to OIE</b> | 19/05/2015      |

|                                     |   |  |   |
|-------------------------------------|---|--|---|
| <b>Animal type</b>                  | Terrestrial                             | <b>Date of report</b>                    | 19/05/2015                                |
| <b>Disease</b>                      | Highly pathogenic avian influenza       | <b>Date of start of the event</b>        | 04/03/2015                                |
| <b>Causal Agent</b>                 | Highly pathogenic avian influenza virus | <b>Date of confirmation of the event</b> | 13/03/2015                                |
| <b>Serotype(s)</b>                  | H5N1                                    | <b>Date of last occurrence</b>           | 18/01/2015                                |
| <b>Reason</b>                       | Reoccurrence of a listed disease        | <b>Diagnosis</b>                         | Laboratory (basic), Laboratory (advanced) |
| <b>Country or zone</b>              | a zone or compartment                   | <b>Clinical signs</b>                    | Yes                                       |
| <b>Number of reported outbreaks</b> | submitted= 5, Draft= 0                  |  |   |

### Outbreak details

| State                                  | Number of outbreaks    | District           | Village/Block | Unit Type     | Location         | Latitude           | Longitude | Start Date | End Date: |
|--|------------------------|--------------------|---------------|---------------|------------------|--------------------|-----------|------------|-----------|
| UTTAR PRADESH-other report - submitted | -                      | Amethi             | Shukul Bazaar | Village       | Sari Ka Purwa    | 26.09              | 81.48     | 04/03/2015 |           |
| <b>Species</b>                         | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b>  | <b>Deaths</b> | <b>Destroyed</b> | <b>Slaughtered</b> |           |            |           |
| Birds                                  | Animals                | 1031               | 187           | 187           | 844              | 0                  |           |            |           |
| Affected Population                    |                        |                    |               |               |                  |                    |           |            |           |

| State                                  | Number of outbreaks    | District           | Village/Block | Unit Type      | Location         | Latitude           | Longitude | Start Date | End Date: |
|--|------------------------|--------------------|---------------|----------------|------------------|--------------------|-----------|------------|-----------|
| UTTAR PRADESH-other report - submitted | -                      | Sultanpur          | Haliapur      | Not applicable | Haliapur         | 26.15              | 82.04     | 20/03/2015 |           |
| <b>Species</b>                         | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b>  | <b>Deaths</b>  | <b>Destroyed</b> | <b>Slaughtered</b> |           |            |           |
| House Crow:Corvidae(Corvus splendens)  | Animals                | ...                | 2             | 2              | 0                | 0                  |           |            |           |
| Affected Population                    |                        |                    |               |                |                  |                    |           |            |           |

| State                                  | Number of outbreaks    | District           | Village/Block | Unit Type      | Location               | Latitude           | Longitude | Start Date | End Date: |
|--|------------------------|--------------------|---------------|----------------|------------------------|--------------------|-----------|------------|-----------|
| UTTAR PRADESH-other report - submitted | -                      | Amethi             | Musafirkhana  | Not applicable | Pahadpur Gaderiya Deeh | 26.09              | 81.48     | 20/03/2015 |           |
| <b>Species</b>                         | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b>  | <b>Deaths</b>  | <b>Destroyed</b>       | <b>Slaughtered</b> |           |            |           |
| House Crow:Corvidae(Corvus splendens)  | Animals                | ...                | 1             | 1              | 0                      | 0                  |           |            |           |
| Affected Population                    |                        |                    |               |                |                        |                    |           |            |           |

| State                              | Number of outbreaks    | District           | Village/Block                     | Unit Type     | Location         | Latitude           | Longitude | Start Date | End Date: |
|------------------------------------|------------------------|--------------------|-----------------------------------|---------------|------------------|--------------------|-----------|------------|-----------|
| MANIPUR- (this report - submitted) | -                      | Imphal             | ICAR Research Complex, Lamphelpat | Farm          | Lamphelpat       | 24.49              | 93.54     | 06/04/2015 |           |
| <b>Species</b>                     | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b>                      | <b>Deaths</b> | <b>Destroyed</b> | <b>Slaughtered</b> |           |            |           |
| Birds                              | Animals                | 21814              | 940                               | 940           | 20874            | 0                  |           |            |           |
| Affected Population                |                        |                    |                                   |               |                  |                    |           |            |           |

| State | Number of outbreaks | District | Village/Block | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|-------|---------------------|----------|---------------|-----------|----------|----------|-----------|------------|-----------|
|-------|---------------------|----------|---------------|-----------|----------|----------|-----------|------------|-----------|

| State  | Number of outbreaks                                     | District    | Village/Block | Unit Type | Location  | Latitude    | Longitude | Start Date | End Date: |
|--|---|-------------|---------------|-----------|-----------|-------------|-----------|------------|-----------|
| Species                                      | Measuring units   | Susceptible | Cases         | Deaths    | Destroyed | Slaughtered |           |            |           |
| ANDHRA PRADESH-<br>(this report - submitted) | -   | Rangareddy  | Hayathnagar   | Village   | Thorrur   | 17.24       | 77.5      | 12/04/2015 |           |
| Species                                      | Measuring units   | Susceptible | Cases         | Deaths    | Destroyed | Slaughtered |           |            |           |
| Birds  | Animals   | 201264      | 41040         | 41040     | 160224    | 0           |           |            |           |
| Affected Population                          | The outbreak is in the newly formed State of Telengana. |             |               |           |           |             |           |            |           |

### Outbreak summary: Total outbreaks = 5 (Submitted)

| Species    | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
|------------|-------------|-------|--------|-----------|-------------|
| Birds      | 224109      | 42167 | 42167  | 181942    | 0           |
| House Crow |             | 3     | 3      | 0         | 0           |

### Epidemiology

#### Epidemiological comments

Epidemiological investigation is ongoing. An intensive surveillance campaign has been launched in a 10 km radius zone.

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

- Unknown or inconclusive

### Measures applied

| Applied  | To be applied   |
|--|---|
| <ul style="list-style-type: none"> <li>• stamping out</li> <li>• quarantine</li> <li>• movement control inside the country</li> <li>• screening</li> <li>• disinfection of infected premises/establishment(s)</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 | National Institute of High Security Animal Diseases, Bhopal | Birds   | virus isolation   | 13/04/2015            | Positive |
| National laboratory | National Institute of High Security Animal Diseases, Bhopal | Birds   | reverse transcription - polymerase chain reaction (RT-PCR)          | 13/04/2015            | Positive |
| National laboratory | National Institute of High Security Animal Diseases, Bhopal | Birds   | real-time reverse transcriptase/polymerase chain reaction (RRT-PCR) | 13/04/2015            | Positive |
| National laboratory | National Institute of High Security Animal Diseases, Bhopal | Birds   | virus isolation   | 18/04/2015            | Positive |
| National laboratory | National Institute of High Security Animal Diseases, Bhopal | Birds   | reverse transcription - polymerase chain reaction (RT-PCR)          | 18/04/2015            | Positive |
| National laboratory | National Institute of High Security Animal Diseases, Bhopal | Birds   | real-time reverse transcriptase/polymerase chain reaction (RRT-PCR) | 18/04/2015            | Positive |

### Future Reporting

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

## Outbreak maps

