

## Immediate notification report

Report reference: 18-01766 REF OIE 25925, Report Date: 09/02/2018, Country : Hong Kong (SAR - PRC)

### Report Summary

|                                     |   |                              |                    |
|-------------------------------------|---|------------------------------|--------------------|
| <b>Name of sender of the report</b> | Dr Thomas Sit   | <b>Telephone</b>             | 852 2150 6602      |
| <b>Position</b>                     | Chief Veterinary Officer / Assistant Director (Inspection & Quarantine)           | <b>Fax</b>                   | 852 2199 7050      |
| <b>Address</b>                      | 7/F Cheung Sha Wan Government Offices, 303 Cheung Sha Wan Road, Kowloon Hong Kong | <b>Email</b>                 | thcsit@afcd.gov.hk |
|                                     |   | <b>Date submitted to OIE</b> | 10/02/2018         |

|                                     |   |  |                       |
|-------------------------------------|---|--|-----------------------|
| <b>Animal type</b>                  | Terrestrial   | <b>Date of report</b>                    | 09/02/2018            |
| <b>Disease</b>                      | Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds) | <b>Date of start of the event</b>        | 07/02/2018            |
| <b>Causal Agent</b>                 | Highly pathogenic influenza A virus   | <b>Date of confirmation of the event</b> | 09/02/2018            |
| <b>Serotype(s)</b>                  | H5N6  | <b>Date of last occurrence</b>           | 21/12/2017            |
| <b>Reason</b>                       | Recurrence of a listed disease  | <b>Diagnosis</b>                         | Laboratory (advanced) |
| <b>Country or zone</b>              | the whole country   | <b>Clinical signs</b>                    | Yes                   |
| <b>Number of reported outbreaks</b> | submitted= 1, Draft= 0  |  |                       |

### Outbreak details

| Province                                    | Number of outbreaks  | District    | Sub-district | Unit Type      | Location                   | Latitude    | Longitude | Start Date | End Date:  |
|---|--|-------------|--------------|----------------|----------------------------|-------------|-----------|------------|------------|
| HONG KONG- (this report - submitted)        | -  | Yuen Long   |              | Not applicable | Lau Fau Shan, Tin Shui Wai | 22.46522    | 113.98899 | 07/02/2018 | 07/02/2018 |
| Species                                     | Measuring units  | Susceptible | Cases        | Deaths         | Killed and disposed of     | Slaughtered |           |            |            |
| Black-headed Gull:Laridae(Larus ridibundus) | Animals  | ...         | 1            | 1              | 0                          | 0           |           |            |            |
| Affected Population                         | A dead black-headed gull was collected on 7 February 2018 in Lau Fau Shan, Tin Shui Wai. The species is an abundant winter visitor in Hong Kong. |             |              |                |                            |             |           |            |            |

### Outbreak summary: Total outbreaks = 1 (Submitted)

| Species           | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered |
|-------------------|-------------|-------|--------|------------------------|-------------|
| Black-headed Gull |             | 1     | 1      | 0                      | 0           |

### Epidemiology

#### Epidemiological comments

An intensive surveillance system is in place for all poultry farms, poultry markets, and pet bird shops in Hong Kong. The H5N6 infected wild bird was detected in the ongoing national surveillance program on wild birds. There are two poultry farms located within three kilometres of where the bird was found. No abnormalities or signs of avian influenza were found in the two poultry farms. The Hong Kong Wetland Park is located within three kilometres of where the bird was found. No spread of disease was evident. The date of end of the outbreak is the same as the date the bird was found (7 February 2018).

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

• Unknown or inconclusive

### Measures applied

|                               |                               |
|-------------------------------|-------------------------------|
| <b>Applied</b>                | <b>To be applied</b>          |
| • screening<br>• disinfection | • no planned control measures |
| <b>Animals treated</b>        | <b>Vaccination Prohibited</b> |
| No                            | No                            |

### Diagnostic test results

| Laboratory Type               | Name of Laboratory  | Species           | Test Type       | Date results provided | Result  |
|-------------------------------|---|-------------------|-----------------|-----------------------|---------|
| Regional Reference Laboratory | Centre of Influenza Research, School of Public Health, Li Ka Shing Faculty of Medicine, University of Hong Kong | Black-headed Gull | gene sequencing |                       | Pending |

| Laboratory Type               | Name of Laboratory  | Species           | Test Type   | Date results provided | Result   |
|-------------------------------|---|-------------------|---|-----------------------|----------|
| Regional Reference Laboratory | National Influenza Centre,<br>Centre for Health Protection,<br>Department of Health       | Black-headed Gull | gene sequencing   |                       | Pending  |
| National laboratory           | Tai Lung Veterinary<br>Laboratory, Agriculture,<br>Fisheries & Conservation<br>Department | Black-headed Gull | virus isolation   | 09/02/2018            | Positive |
| National laboratory           | Tai Lung Veterinary<br>Laboratory, Agriculture,<br>Fisheries & Conservation<br>Department | Black-headed Gull | immunohistochemical test  | 08/02/2018            | Positive |
| National laboratory           | Tai Lung Veterinary<br>Laboratory, Agriculture,<br>Fisheries & Conservation<br>Department | Black-headed Gull | real-time reverse<br>transcriptase/polymerase chain<br>reaction (RRT-PCR) | 08/02/2018            | Positive |

### Future Reporting

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

## Outbreak maps

