

Follow-up report No.7

Report reference: WB AIV 2018, Reference OIE : 26044, Report Date : 01/03/2018, Country : United Kingdom

Report Summary

| | | | |
|-------------------------------------|---|------------------------------|--------------------------------|
| Name of sender of the report | Dr Nigel Gibbens | Telephone | +442072386495 |
| Position | Chief Veterinary Officer | Fax | +442072385875 |
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| | LONDON SW1P 3JR | Date submitted to OIE | 01/03/2018 |

| | | | |
|-------------------------------------|---|--|--------------------|
| Animal type | Terrestrial | Date of report | 01/03/2018 |
| Disease | Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds) | Date of start of the event | 09/01/2018 |
| Causal Agent | Highly pathogenic influenza A virus | Date of confirmation of the event | 09/01/2018 |
| Serotype(s) | H5N6 | Diagnosis | Clinical, Necropsy |
| Reason | New strain of a listed disease in the country | Clinical signs | Yes |
| Country or zone | a zone or compartment | | |
| Number of reported outbreaks | submitted= 18, Draft= 0 | | |

Outbreak details

| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|---|--|-------------|----------|--------------|------------------------|-------------|-----------|------------|------------|
| ENGLAND-other report - submitted | - | | | Natural park | Warwickshire | 52.3186 | -1.3162 | 09/01/2018 | 09/01/2018 |
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| Herring Gull:Laridae(Larus argentatus) | Animals | ... | 1 | 1 | 0 | 0 | | | |
| Great black-backed Gull:Laridae(Larus marinus) | Animals | ... | 6 | 6 | 0 | 0 | | | |
| Great Crested Grebe:Podicipedidae(Podiceps cristatus) | Animals | ... | 1 | 1 | 0 | 0 | | | |
| Tufted Duck:Anatidae(Aythya fuligula) | Animals | ... | 5 | 5 | 0 | 0 | | | |
| Affected Population | 68 birds were found dead. Not all birds were tested, but these are representative species. | | | | | | | | |

| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|--|--|-------------|----------|--------------|------------------------|-------------|-----------|------------|------------|
| ENGLAND-other report - submitted | - | | | Natural park | Dorset | 50.6531 | -2.6017 | 09/01/2018 | 09/01/2018 |
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| Common Pochard:Anatidae(Aythya ferina) | Animals | ... | 1 | 1 | 0 | 0 | | | |
| Canada Goose:Anatidae(Branta canadensis) | Animals | ... | 1 | 1 | 0 | 0 | | | |
| Mute Swan:Anatidae(Cygnus olor) | Animals | ... | 15 | 15 | 0 | 0 | | | |
| Affected Population | 17 wild birds were found dead: 15 mute swans, one Canada goose and one common pochard. | | | | | | | | |

| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|--|---|-------------|----------|--------------|------------------------|-------------|-----------|------------|------------|
| ENGLAND-other report - submitted | - | | | Natural park | Hertfordshire | 51.794 | -0.006 | 13/01/2018 | 13/01/2018 |
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| Mallard:Anatidae(Anas platyrhynchos) | Animals | ... | 2 | 2 | 0 | 0 | | | |
| Greylag Goose:Anatidae(Anser anser) | Animals | ... | 7 | 7 | 0 | 0 | | | |
| Mew Gull:Laridae(Larus canus) | Animals | ... | 1 | 1 | 0 | 0 | | | |
| Tufted Duck:Anatidae(Aythya fuligula) | Animals | ... | 5 | 5 | 0 | 0 | | | |
| Laridae (unidentified):Laridae(Laridae (incognita)) | Animals | ... | 3 | 3 | 0 | 0 | | | |
| Mallard (domestic):Anatidae(Anas platyrhynchos domesticus) | Animals | ... | 1 | 1 | 0 | 0 | | | |
| Affected Population | H5N6 highly pathogenic avian influenza confirmed in 19 dead wild birds at a nature reserve. Birds testing positive are: seven Greylag geese (Anser anser), two mallards (Anas platyrhynchos), five tufted ducks (Aythya fuligula), one common gull (Larus canus), one domestic duck (Anas platyrhynchos domesticus) and three unidentified birds. | | | | | | | | |

| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|----------------------------------|---|-------------|----------|--------------|--------------------------|-------------|-----------|------------|------------|
| ENGLAND-other report - submitted | - | | | Natural park | Greater London Authority | 51.572 | -0.177 | 29/01/2018 | 29/01/2018 |
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| Mute Swan:Anatidae(Cygnus olor) | Animals | ... | 2 | 2 | 0 | 0 | | | |
| Affected Population | H5N6 highly pathogenic avian influenza detected in two mute swans (Cygnus olor) found dead. | | | | | | | | |

| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|---------------------------------------|--|-------------|----------|--------------|------------------------|-------------|-----------|------------|------------|
| ENGLAND-other report - submitted | - | | | Natural park | Wakefield | 53.6538 | -1.50695 | 29/01/2018 | 29/01/2018 |
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| Tufted Duck:Anatidae(Aythya fuligula) | Animals | ... | 1 | 1 | 0 | 0 | | | |
| Affected Population | H5N6 highly pathogenic avian influenza detected in one tufted duck (Aythya fuligula) found dead. | | | | | | | | |

| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|--|---------------------|-------------|----------|--------------|------------------------|-------------|-----------|------------|------------|
| ENGLAND-other report - submitted | - | | | Natural park | Rutland | 52.7215 | -0.6375 | 29/01/2018 | 29/01/2018 |
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| Mallard:Anatidae(Anas platyrhynchos) | Animals | ... | 8 | 8 | 0 | 0 | | | |
| Common Moorhen:Rallidae(Gallinula chloropus) | Animals | ... | 1 | 1 | 0 | 0 | | | |

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| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|---------------------|--|-------------|----------|-----------|------------------------|-------------|-----------|------------|-----------|
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| Affected Population | H5N6 highly pathogenic avian influenza detected in eight mallards (<i>Anas platyrhynchos</i>) and one moorhen (<i>Gallinula chloropus</i>) found dead. | | | | | | | | |

| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|--|---|-------------|----------|--------------|------------------------|-------------|-----------|------------|------------|
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| ENGLAND-other report - submitted | - | | | Natural park | Hertfordshire | 51.774557 | 0.009 | 05/02/2018 | 05/02/2018 |
| Tufted Duck:Anatidae(<i>Aythya fuligula</i>) | Animals | ... | 1 | 1 | 0 | 0 | | | |
| Affected Population | 1 tufted duck(<i>Aythya fuligula</i>) found dead in Hertfordshire | | | | | | | | |

| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|--|---|-------------|----------|--------------|------------------------|-------------|-----------|------------|------------|
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| ENGLAND-other report - submitted | - | | | Natural park | Warwickshire | 52.26425 | -1.31766 | 05/02/2018 | 05/02/2018 |
| Mute Swan:Anatidae(<i>Cygnus olor</i>) | Animals | ... | 1 | 1 | 0 | 0 | | | |
| Affected Population | 1 mute swan (<i>Cygnus olor</i>) found dead in a reservoir in Warwickshire. | | | | | | | | |

| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|--|---|-------------|----------|--------------|------------------------|-------------|-----------|------------|------------|
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| ENGLAND-other report - submitted | - | | | Natural park | Berkshire | 51.48651 | -0.61776 | 05/02/2018 | 05/02/2018 |
| Mute Swan:Anatidae(<i>Cygnus olor</i>) | Animals | ... | 5 | 5 | 0 | 0 | | | |
| Affected Population | 5 mute swans (<i>Cygnus olor</i>) found dead in river and tested positive for H5N6. | | | | | | | | |

| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|------------------------------------|---|-------------|----------|--------------|------------------------|-------------|-----------|------------|------------|
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| ENGLAND-other report - submitted | - | | | Natural park | Surrey | 51.41066 | -0.3716 | 05/02/2018 | 05/02/2018 |
| Unidentified:Incognita(In cognita) | Animals | ... | 2 | 2 | 0 | 0 | | | |
| Affected Population | Two unidentified birds found dead in a body of water in Surrey. | | | | | | | | |

| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|--|--|-------------|----------|-----------|------------------------|-------------|-----------|------------|------------|
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| ENGLAND-other report - submitted | - | | | Other | Surrey | 51.4088 | -0.3086 | 05/02/2018 | 05/02/2018 |
| Mute Swan:Anatidae(<i>Cygnus olor</i>) | Animals | ... | 1 | 1 | 0 | 0 | | | |
| Affected Population | One mute swan (<i>Cygnus olor</i>) found dead in wastewater treatment works in Surrey. | | | | | | | | |

| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|----------------------------------|---------------------|-------------|----------|--------------|------------------------|-------------|-----------|------------|------------|
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| ENGLAND-other report - submitted | - | | | Natural park | Oxfordshire | 51.62 | -1.53 | 14/02/2018 | 14/02/2018 |

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| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|---------------------------------|--|-------------|----------|-----------|------------------------|-------------|-----------|------------|-----------|
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| Mute Swan:Anatidae(Cygnus olor) | Animals | ... | 1 | 1 | 0 | 0 | | | |
| Affected Population | One mute swan (Cygnus olor) found dead tested positive for H5N6. | | | | | | | | |

| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|------------------------------------|---|-------------|----------|-----------|------------------------|-------------|-----------|------------|-----------|
| ENGLAND- (this report - submitted) | - | | | Other | Surrey | 51.4183 | -0.5137 | 28/02/2018 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| Mute Swan:Anatidae(Cygnus olor) | Animals | ... | 2 | 2 | 0 | 0 | | | |
| Affected Population | Two mute swans (Cygnus olor) found dead in river in Surrey. | | | | | | | | |

| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|---|---|-------------|----------|-----------|------------------------|-------------|-----------|------------|-----------|
| ENGLAND- (this report - submitted) | - | | | Other | Hampshire | 51.03617 | -1.461562 | 28/02/2018 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| Eurasian buzzard (common buzzard):Accipitridae(Buteo buteo) | Animals | ... | 1 | 1 | 0 | 0 | | | |
| Affected Population | One common buzzard (Buteo buteo) found dead in Hampshire. | | | | | | | | |

| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|---|--|-------------|----------|--------------|------------------------|-------------|-----------|------------|-----------|
| ENGLAND- (this report - submitted) | - | | | Natural park | Suffolk | 52.39052 | 0.822092 | 28/02/2018 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| Northern Goshawk:Accipitridae(Accipiter gentilis) | Animals | ... | 1 | 1 | 0 | 0 | | | |
| Affected Population | One northern goshawk (Accipiter gentilis) found dead in Suffolk. | | | | | | | | |

| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|--|---|-------------|----------|-----------|------------------------|-------------|-----------|------------|-----------|
| ENGLAND- (this report - submitted) | - | | | Other | Lincolnshire | 52.79987 | -0.351658 | 28/02/2018 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| Common pheasant:Phasianidae(Phasianus colchicus) | Animals | ... | 2 | 2 | 0 | 0 | | | |
| Greylag Goose:Anatidae(Anser anser) | Animals | ... | 2 | 2 | 0 | 0 | | | |
| Affected Population | Two greylag geese and two pheasants found dead in Lincolnshire. | | | | | | | | |

| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|----------------------------------|---------------------|-------------|----------|-----------|------------------------|-------------|-----------|------------|-----------|
| WALES- (this report - submitted) | - | | | Other | South Glamorgan | 51.408414 | -3.248646 | 28/02/2018 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |

| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|---|---|-------------|----------|-----------|------------------------|-------------|-----------|------------|-----------|
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| Eurasian buzzard (common buzzard):Accipitridae(Buteo buteo) | Animals | ... | 1 | 1 | 0 | 0 | | | |
| Affected Population | One common buzzard (Buteo buteo) found dead in coastal/urban area in South Glamorgan. | | | | | | | | |

| County | Number of outbreaks | Province | District | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|---|--|-------------|----------|-----------|------------------------|-------------|-----------|------------|-----------|
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | | | |
| ENGLAND- (this report - submitted) | - | | | Other | Devon | 50.455447 | -4.154519 | 28/02/2018 | |
| Eurasian buzzard (common buzzard):Accipitridae(Buteo buteo) | Animals | ... | 1 | 1 | 0 | 0 | | | |
| Affected Population | One common buzzard (Buteo buteo) found dead in river in Devon. | | | | | | | | |

Outbreak summary: Total outbreaks = 18 (Submitted)

| Species | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered |
|-----------------------------------|-------------|-------|--------|------------------------|-------------|
| Herring Gull | | 1 | 1 | 0 | 0 |
| Great black-backed Gull | | 6 | 6 | 0 | 0 |
| Great Crested Grebe | | 1 | 1 | 0 | 0 |
| Tufted Duck | | 12 | 12 | 0 | 0 |
| Common Pochard | | 1 | 1 | 0 | 0 |
| Canada Goose | | 1 | 1 | 0 | 0 |
| Mute Swan | | 27 | 27 | 0 | 0 |
| Mallard | | 10 | 10 | 0 | 0 |
| Greylag Goose | | 9 | 9 | 0 | 0 |
| Mew Gull | | 1 | 1 | 0 | 0 |
| Laridae (unidentified) | | 3 | 3 | 0 | 0 |
| Mallard (domestic) | | 1 | 1 | 0 | 0 |
| Common Moorhen | | 1 | 1 | 0 | 0 |
| Unidentified | | 2 | 2 | 0 | 0 |
| Eurasian buzzard (common buzzard) | | 3 | 3 | 0 | 0 |
| Northern Goshawk | | 1 | 1 | 0 | 0 |
| Common pheasant | | 2 | 2 | 0 | 0 |

Epidemiology

Epidemiological comments

The virus is a reassortant between H5N8 HPAI circulating in Europe and a European N6.

Source of the outbreak(s) or origin of infection

- Contact with wild species

Measures applied

| Applied | To be applied |
|---|-------------------------------|
| • official disposal of carcasses, by-products and waste | • no planned control measures |
| Animals treated | Vaccination Prohibited |
| No | Yes |

Future Reporting

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

Outbreak maps

