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UK Equine influenza outbreaks reported in 2018



Animal *Health* Trust

2018 UK equine influenza outbreaks

1. East Lothian
2. Oxfordshire



Please note that these are laboratory confirmed **outbreaks** covering mainland UK only and that outbreaks may involve **one or more** clinically affected animals.

2018 summary:

Outbreak No.	Date	County	Vaccinated?*	Diagnosed by	Clade of virus
1	26/02/18	East Lothian	No	qPCR on NP swab	FC1
2	17/04/18	Oxfordshire	YES	qPCR on NP swab	ND

(NP = nasopharyngeal, FC1 = H3N8 Florida sub-lineage clade 1, HI = haemagglutination inhibition assay, ND = not determined)

*Vaccinated defined as either having received a full primary course (V1 + V2) and the last booster (V3 or subsequent booster) within 12 months, or as having received the primary course with at least 14 days, but no more than 215 days, since V2.

1. East Lothian

On 26 February 2018, the Animal Health Trust confirmed an outbreak of EI on a single premises in East Lothian, Scotland. The two affected animals were unvaccinated, recently imported non-Thoroughbreds aged one and two-years-old respectively. They presented with pyrexia, nasal discharge and coughing and have been isolated. The positive diagnoses were confirmed by qPCR on a nasopharyngeal swab.

2. Oxfordshire

On 17 April 2018, the Animal Health Trust confirmed a case of EI on a single premises in Oxfordshire. The affected animal was a vaccinated 13-year-old Warmblood gelding that presented with a cough and mild serous nasal discharge but was non-pyrexia on 14 April 2018. Given the vaccination status of the animal, clinical signs were very mild and transient. There are a total of 50, asymptomatic in-contacts at the premises. Biosecurity measures have been implemented, including isolation of the affected animal, movement restrictions and sampling of any direct in-contacts. The positive diagnosis was confirmed by qPCR on a nasopharyngeal swab which demonstrated a low positive result.