

# Equine Disease Coalition – EIDS disease update

10 May 2023

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<https://equinesurveillance.org/>



UNIVERSITY OF  
CAMBRIDGE

Department of Veterinary  
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EIDS

Equine Infectious  
Disease Surveillance

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# EIDS

# Equine Influenza since 16 Nov 23

Source: EQUIFLUNET

- 15 UK EI outbreaks since last meeting
- Only 4 UK EI outbreaks confirmed so far in 2023
  - Last one in E. Lothian Scotland on 14 April



Outbreaks occur between 13 Dec 2022

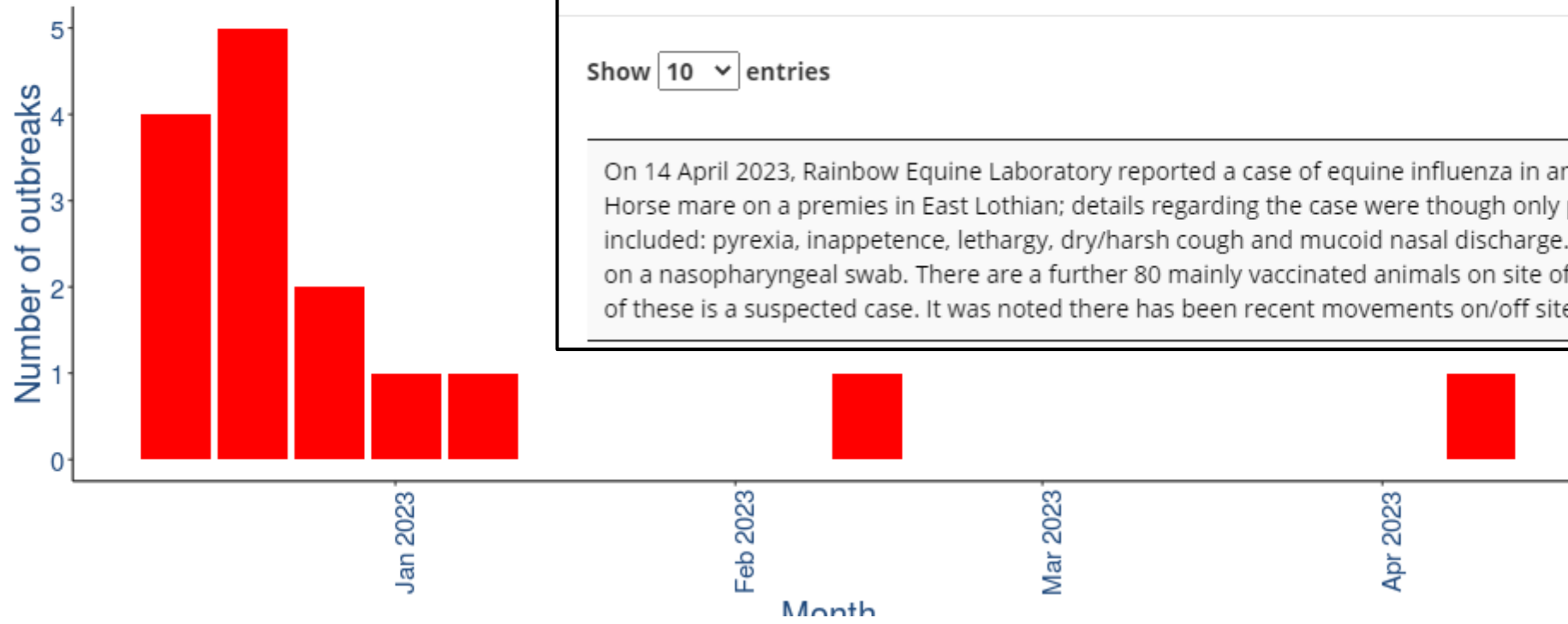
## Reports received from East Lothian

Show  entries

Search:

On 14 April 2023, Rainbow Equine Laboratory reported a case of equine influenza in an unvaccinated nine-year-old Irish Sports Horse mare on a premises in East Lothian; details regarding the case were though only provided on 24 April 2023. Clinical signs included: pyrexia, inappetence, lethargy, dry/harsh cough and mucoid nasal discharge. Positive diagnosis was confirmed by PCR on a nasopharyngeal swab. There are a further 80 mainly vaccinated animals on site of which nine are direct in-contacts and one of these is a suspected case. It was noted there has been recent movements on/off site.

UK Outbreak Curve





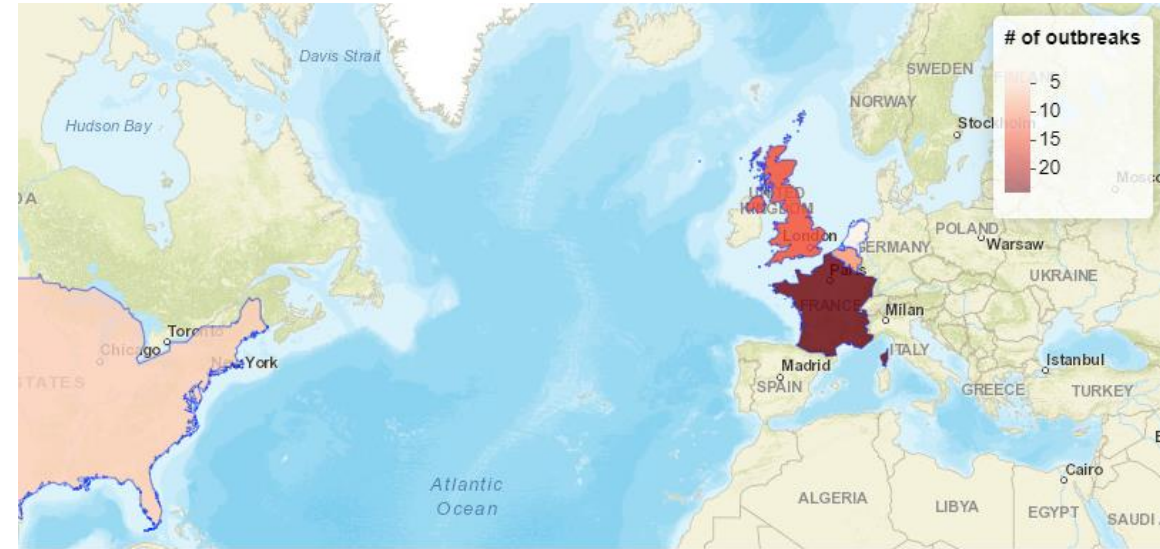
# EIDS

# Equine Influenza since 16 Nov 23

Source: EQUIFLUNET

- In 2023 most outbreaks in France & more recently in Belgium

Outbreaks occur between 17 Nov 2022 and 05 May 2023 in selected period



Global outbreak curve



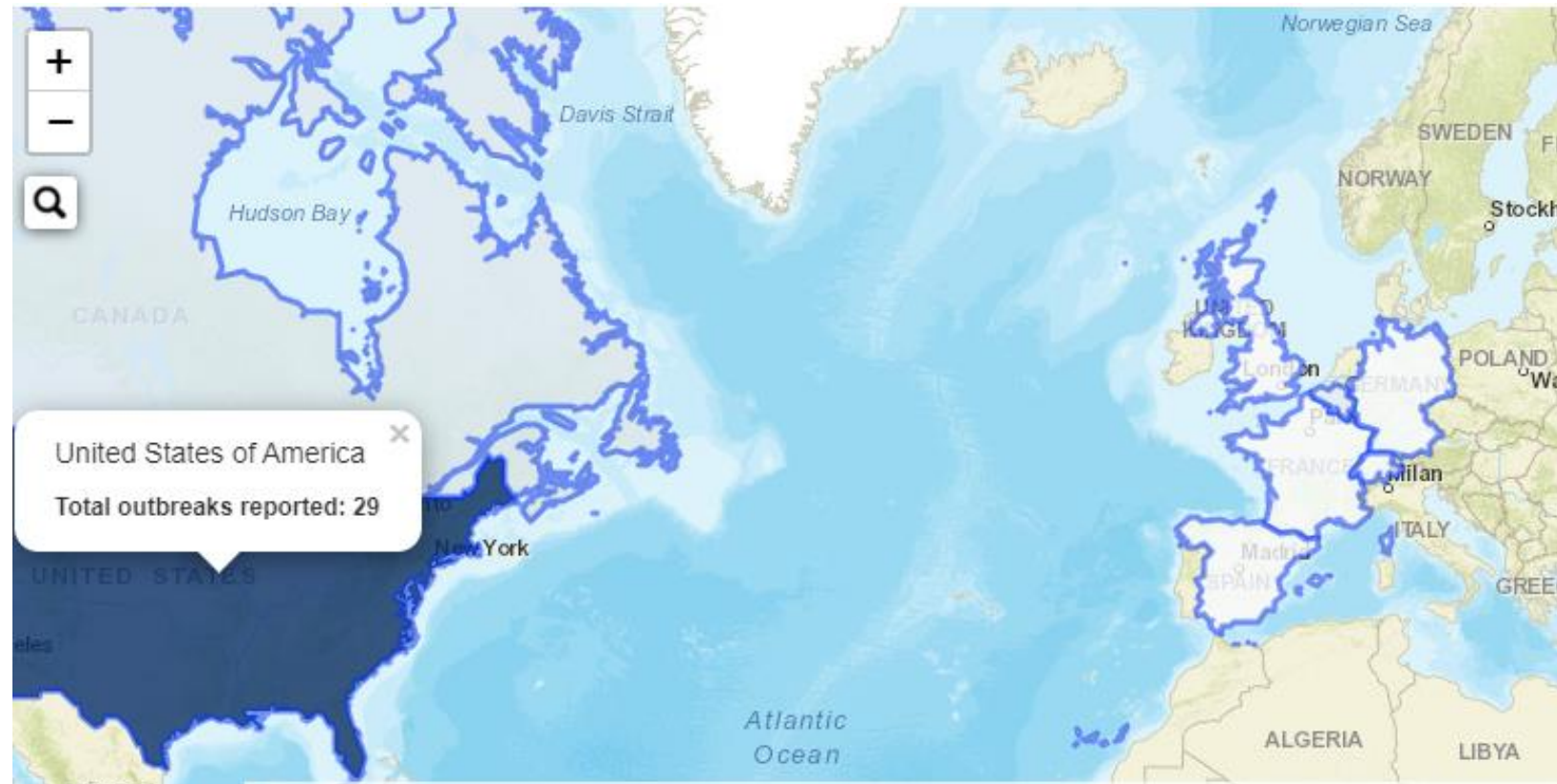


EIDS

# Neurological EHV-1 since 16 Nov 23

## Source: International Collating Centre

- 29 outbreaks reported in USA
- Outbreaks linked to FEI events
  - Belgium x 2
  - Spain x 1
- Some impact on horses returning to the UK
- FEI protocols after Valencia in 2021 appear effective
- UK outbreak NOT associated with competition





# CEM reports on ICC since 1 Jan 2019

Country and period name and spatial depiction of outbreaks reported with detailed information per outbreak

**2022 – Notts.**

Select Condition

Select report date range of interest

Run Analysis

CEM : Reproductive

1 Jan 2019

to

27 Apr 2023



Click on an affected area for total outbreak count and outbreak information



**2022 – Glos.**

**2021 – Devon**

**2020 – E. Scotland**




# UK confirmed CEM cases 2020-22

Year	Area	Age	Breed	Sex
2022	Notts.	7	Warmblood	Stallion
2022	Glos.	11	Hanoverian	Stallion
2021	Devon	3	Arab	Stallion + 2 covered mares
2020	E. Scotland	6	Warmblood	Stallion




# EIDS Equip Artervac (EVA) supply problem

**Equine Quarterly Disease Surveillance Report**



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**HIGHLIGHTS IN THIS ISSUE**



**News Articles**

- Updates to the HBLB International Codes of Practice for 2023
- Equip Artervac supply problem for later in 2023; alert by manufacturer, Zoetis

**Focus Article**

- The FEI HorseApp: Helping the equestrian community prevent and manage disease outbreaks

**Important note:**  
The data presented in this report must be interpreted with caution, as there is likely to be some bias in the way that samples are submitted for laboratory testing. For example, they are influenced by factors such as owner attitude or financial constraints, or are being conducted for routine screening as well as clinical investigation purposes. Consequently, these data do not necessarily reflect true disease frequency within the equine population of UK.

 UNIVERSITY OF CAMBRIDGE  EIDS  BEVA  Department for Environment and Rural Affairs  Scottish Government  Welsh Government

## NEWS ARTICLES

### Equip Artervac supply problem for later in 2023; alert by manufacturer, Zoetis



In late December 2022 the Thoroughbred Breeders' Association (TBA) was informed by Zoetis (UK), the manufacturers of Equip Artervac (Europe's only licensed equine viral arteritis (EVA) vaccine), that due to a vaccine constituent supply problem a new batch of Artervac would not be available until late September 2023 at the earliest. With the current batch of Artervac expiring after 29th March 2023, and with no possibility of extending the vaccines shelf-life or importing an alternative product, this will leave an extended period during which no EVA vaccine will be available for administration to stallions that become due their booster at 6 months since their last vaccine dose.

Equip Artervac is licensed to provide some protection against EVA and is recommended by the HBLB International Codes of Practice for use in breeding stallions and teasers. A six-month booster interval is required with most stallions being vaccinated in January, prior to commencement of the northern hemisphere Thoroughbred breeding season. They are then routinely vaccinated again in the summer months, in accordance with the six-month booster requirement. Therefore, although there will be plentiful vaccine available to vaccinate stallions ahead of the 2023 breeding season using the current Artervac batch, no licensed EVA vaccine will be available for booster vaccinations in the summer months. As EVA is a notifiable disease in the UK under the Equine Viral Arteritis Order 1995, this presents a potential problem; stallions identified as seropositive and with a lapsed vaccination status may, under this legislation, be required to undergo semen sampling to prove they are not shedding virus, and thus do not pose an infectious risk.

To avoid the requirement for semen collection and testing, a set of blood testing measures have been proposed as were agreed with Defra but not in the end used, during the previous Artervac supply problem that occurred in 2018. In addition to the routine pre-breeding blood sampling outlined in the Code of Practice, **a further blood sample should be taken 2-3 weeks after the January 2023 vaccination of stallions with Equip Artervac.** This sample, which should evidence peak antibody levels following recent vaccination, alongside a specific submission form (<https://www.rossdales.com/assets/files/Artervac-Form-Rosssdales.pdf>), should be sent to Rosssdales Laboratories for storage. When a stallion is able to receive their