



EQUIFLUNET.ORG.UK

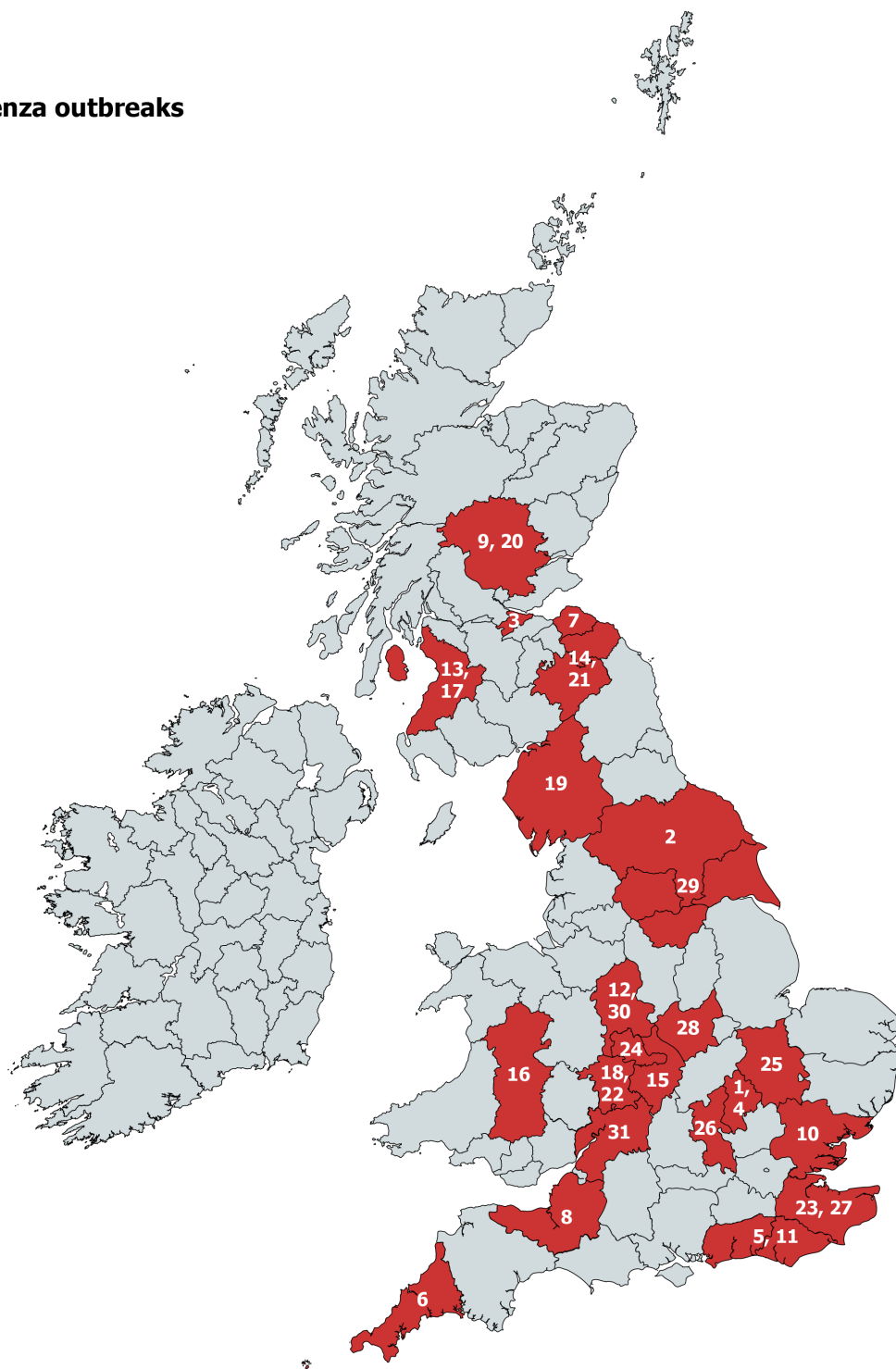
UK Equine influenza outbreaks reported in 2014



Animal *Health* Trust

2014 UK equine influenza outbreaks

1. Bedfordshire
2. North Yorkshire
3. West Lothian
4. Bedfordshire
5. Sussex
6. Cornwall
7. East Lothian
8. Somerset
9. Perthshire
10. Essex
11. Sussex
12. Staffordshire
13. South Ayrshire
14. Scottish Borders
15. Warwickshire
16. Powys
17. Ayrshire
18. Worcestershire
19. Cumbria
20. Perthshire
21. Scottish Borders
22. Worcestershire
23. Kent
24. West Midlands
25. Cambridgeshire
26. Buckinghamshire
27. Kent
28. Leicestershire
29. Yorkshire
30. Staffordshire
31. Gloucestershire



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

2014 summary:

Outbreak No.	Date	County	Vaccinated?*	Diagnosed by	Clade of virus
1	21/03/14	Bedfordshire	No	qPCR on NP swab	FC2
2	21/03/14	North Yorkshire	YES	qPCR on NP swab	FC2
3	14/08/14	West Lothian	No	qPCR on NP swab	FC2
4	19/08/14	Bedfordshire	No	qPCR on NP swab	FC2
5	10/09/14	Sussex	No	qPCR on NP swab	ND
6	11/09/14	Cornwall	No	qPCR on NP swab	ND
7	23/09/14	East Lothian	No	qPCR on NP swab	ND
8	24/09/14	Somerset	No	qPCR on NP swab	ND
9	24/09/14	Perthshire	No	qPCR on NP swab	FC2
10	24/09/14	Essex	No	qPCR on NP swab	FC2
11	26/09/14	Sussex	No	qPCR on NP swab	ND
12	29/09/14	Staffordshire	No	qPCR on NP swab	FC2
13	07/09/14	South Ayrshire	No	qPCR on NP swab	ND
14	09/09/14	Scottish Borders	No	qPCR on NP swab	ND
15	10/10/14	Warwickshire	No	qPCR on NP swab	ND
16	13/10/14	Powys	No	qPCR on NP swab	ND
17	23/10/14	Ayrshire	No	qPCR on NP swab	FC2
18	24/10/14	Worcestershire	No	qPCR on NP swab	ND
19	24/10/14	Cumbria	No	qPCR on NP swab	ND
20	24/10/14	Perthshire	No	qPCR on NP swab	FC2
21	30/10/14	Scottish Borders	No	qPCR on NP swab	ND
22	30/10/14	Worcestershire	No	qPCR on NP swab	ND
23	31/10/14	Kent	No	qPCR on NP swab	ND
24	31/10/14	West Midlands	No	qPCR on NP swab	ND
25	03/11/14	Cambridgeshire	No	qPCR on NP swab	FC2
26	06/11/14	Buckinghamshire	YES	qPCR on NP swab	FC2
27	06/11/14	Kent	No	qPCR on NP swab	ND
28	12/11/14	Leicestershire	No	qPCR on NP swab	ND
29	20/11/14	Yorkshire	No	qPCR on NP swab	ND
30	27/11/14	Staffordshire	No	qPCR on NP swab	ND
31	27/11/14	Gloucestershire	No	qPCR on NP swab	ND

(NP = nasopharyngeal, FC2 = H3N8 Florida sub-lineage clade 2, 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. Bedfordshire

On 21 March 2014, AHT confirmed an outbreak of EI on a premises in Bedfordshire. The affected animal is an unvaccinated four year old Irish Sport Horse that showed signs of fever and a mild dry cough. The horse had recently arrived from Ireland. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

2. North Yorkshire

On 21 March 2014, AHT confirmed an outbreak of EI on a premises in the North Yorkshire. The affected animal is a vaccinated five year old gelding showing signs of cough, serous nasal discharge and swollen

lymph nodes. The vaccine that had been given last is unknown. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

3. West Lothian

On 14 August 2014, AHT confirmed an outbreak of EI on a premises in West Lothian. The affected animal is an unvaccinated eight year old that showed signs of inappetence, pyrexia, cough and mucopurulent nasal discharge. Another 10 horses at the premises are reported to be unaffected at this time. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

4. Bedfordshire

On 19 August 2014, AHT confirmed an outbreak of EI on a premises in Bedfordshire. The affected animal is an unvaccinated eight year old pony that showed signs of pyrexia, serous nasal discharge and intermittent dry harsh cough. A further 20 unvaccinated horses at the premises are reported to be unaffected at this time. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

5. Sussex

On 10 September 2014, AHT confirmed an outbreak of EI on a premises in the Sussex. The affected animal is an unvaccinated five year old Warmblood that showed signs of mucopurulent nasal discharge and a mild cough. Five out of a further 20 animals at the premises are reported to also be affected, however vaccination status of these animals is unknown. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

6. Cornwall

On 11 September 2014, AHT confirmed an outbreak of EI on a premises in Cornwall. The affected animal is an unvaccinated two year old Warmblood that showed signs of serous nasal discharge, cough, tachypnoea and lethargy. Another two unvaccinated animals are at the premises, of which one has also showed clinical signs. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

7. East Lothian

On 23 September 2014, AHT confirmed an outbreak of EI on a premises in East Lothian. The affected animal is an unvaccinated four year old Warmblood that showed signs of profuse mucopurulent nasal discharge, cough, pyrexia and lethargy. The horse travelled from Northern Ireland the previous week and was already showing signs of a moderate cough on arrival. A further eight vaccinated horses at the premises are reported to be unaffected. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

8. Somerset

On 24 September 2014, AHT confirmed an outbreak of EI on a premises in Somerset. The affected animal is an unvaccinated nine month old Cob that presented with nasal discharge and a cough. The colt had been involved in a recent strangles outbreak and had been kept in isolation facilities. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

9. Perthshire

On 24 September 2014, AHT confirmed an outbreak of EI on a premises in Perthshire. The affected animal is an unvaccinated three year old Thoroughbred that showed clinical signs of profuse mucopurulent nasal discharge, cough, enlarged lymph nodes and anorexia. This case is thought to be epidemiologically linked to the case in East Lothian reported on 23 September 2014. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

10. Essex

On 24 September 2014, AHT confirmed an outbreak of EI on a premises in Essex. The affected animal is an unvaccinated five year old Connemara that had recently been introduced to a riding school. The horse presented with signs of serous nasal discharge and a cough. A further 30 unvaccinated animals at the premises are reported to be unaffected at this time. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

11. Sussex

On 26 September 2014, AHT confirmed an outbreak of EI on a premises in Sussex. The affected animal is an unvaccinated six year old Irish Draft that showed signs of serous nasal discharge, cough and intermittent fever for the previous week when he was moved from a dealer's yard to the current premises. A further four vaccinated horses at the premises are reported to be unaffected. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

12. Staffordshire

On 29 September 2014, AHT confirmed an outbreak of EI on a premises in Staffordshire. The affected animal is an unvaccinated five year old gelding that showed signs of serous nasal discharge, conjunctivitis, cough, anorexia and fever. There are a further 25 in contact animals at the premises, of which an additional four are reported to be showing clinical signs of disease. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

13. South Ayrshire

On 7 October 2014, AHT confirmed an outbreak of EI on a premises in South Ayrshire. The affected animal is an unvaccinated five year old Cob gelding that showed signs of mucopurulent nasal discharge three days after arriving from Ireland. The second affected horse was an in contact two year old Clydesdale gelding that showed signs of a mild cough. A further 14 horses at the premises are not reported to be affected at this time. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

14. Scottish Borders

On 9 October 2014, AHT confirmed an outbreak of EI on a premises in the Scottish Borders. The affected animal is an unvaccinated nine year old Irish Draft that showed signs of mucopurulent nasal discharge, cough and swollen lymph nodes. Of a further 20 in-contact horses at the premises, three were reported to be showing clinical signs of disease. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

15. Warwickshire

On 10 October 2014, AHT confirmed an outbreak of EI on a premises in Warwickshire. Sixteen out of 18 unvaccinated ponies that had arrived in two groups the previous week from South Wales tested positive for EI. Several ponies initially presented with mild conjunctivitis but soon afterwards developed fever and coughing that spread quickly amongst the group. The positive diagnoses were confirmed by PCR on a nasopharyngeal swabs.

16. Powys

On 13 October 2014, AHT confirmed an outbreak of EI on a premises in Powys. Nineteen out of 23 unvaccinated Welsh ponies are affected. The positive diagnoses were confirmed by PCR on a nasopharyngeal swabs.

17. Ayrshire

On 23 October 2014, AHT confirmed an outbreak of EI on a premises in Ayrshire. The affected animal is an unvaccinated 10 year old mare that presented with signs of conjunctivitis, tachypnea, a harsh dry cough, mucopurulent nasal discharge and pyrexia. A further three horses out of 10 at the premises are reported to be showing clinical signs of disease. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

18. Worcestershire

On 24 October 2014, AHT confirmed an outbreak of EI on a premises in Worcestershire. The affected animal is an unvaccinated eight year old Highland pony that had recently arrived at the premises. The pony was in isolation when a serous nasal discharge was noticed. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

19. Cumbria

On 24 October 2014, AHT confirmed an outbreak of EI on a premises in Cumbria. The affected animal is an unvaccinated four year old Welsh pony that presented with signs of mucopurulent nasal discharge and a cough. Of a further 20 horses at the premises, none are reported to be affected at this time. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

20. Perthshire

On 24 October 2014, AHT confirmed an outbreak of EI on a premises in Perthshire. Two unvaccinated Cobs are affected at a premises, one of which had arrived from Ireland the previous week. Both horses presented with signs of harsh cough, fever and nasal discharge. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

21. Scottish Borders

On 30 October 2014, AHT confirmed an outbreak of EI on a premises in the Scottish Borders. The affected animal is an unvaccinated Cob that presented with signs of mucopurulent nasal discharge, cough and lymph node enlargement. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

22. Worcestershire

On 30 October 2014, AHT confirmed an outbreak of EI on a premises in Worcestershire. The affected animal is an unvaccinated gelding that presented with clinical signs of serous nasal discharge and fever and had recently arrived at the premises from Ireland. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

23. Kent

On 31 October 2014, AHT confirmed an outbreak of EI on a premises in Worcestershire. The affected animal is an unvaccinated eight year old Highland pony that had recently arrived at the premises. The pony was in isolation when a serous nasal discharge was noticed. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

24. West Midlands

On 31 October 2014, AHT confirmed an outbreak of EI on a premises in West Midlands. The affected animal is a six year old Irish Draft that presented with signs of mucopurulent nasal discharge, cough, fever and lymph node enlargement. None of the remaining 15 animals at the premises are reported to be affected at this time. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

25. Cambridgeshire

On 3 November 2014, AHT confirmed an outbreak of EI on a premises in Cambridgeshire. The affected animal is an unvaccinated Irish Draft that presented with signs of mucoid nasal discharge, cough, pyrexia and depression. The horse had recently arrived from Ireland. None of the 20 vaccinated animals at the premises are reported to have shown signs of the disease at this time. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

26. Buckinghamshire

On 6 November 2014, AHT confirmed an outbreak of EI on a premises in Buckinghamshire. The affected animal is a vaccinated five year old Arab that presented with signs of productive cough, conjunctivitis, pyrexia and lethargy. The vaccination history showed that the horse had been vaccinated according to the recommended schedule, however none of the vaccines given contained a representative of Florida clade 2 viruses, as recommended by the OIE to be included in vaccines since 2010. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

27. Kent

On 6 November 2014, AHT confirmed an outbreak of EI on a premises in Kent. The affected animal is an unvaccinated five year old Welsh pony that presented with signs of serous nasal discharge. Of a further six animals, one is reported to be showing signs of disease. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

28. Leicestershire

On 12 November 2014, AHT confirmed an outbreak of EI on a premises in Leicestershire. The affected animal is an unvaccinated five year old Warmblood gelding that presented with signs of mucopurulent nasal discharge, cough, pyrexia and depression. The horse had recently arrived from Ireland. Three in contact vaccinated horses are reported to be unaffected at this time. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

29. Yorkshire

On 20 November 2014, AHT confirmed an outbreak of EI on a premises in Yorkshire. The affected animal is an unvaccinated 10 year old Cob that presented with signs of serous nasal discharge and a mild cough. A further six out of eight animals at the premises are reported to be showing signs of disease. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

30. Staffordshire

On 27 November 2014, AHT confirmed an outbreak of EI on a premises in Staffordshire. The affected animal is an unvaccinated five year old Welsh Section D pony showing signs of dry harsh cough, mucopurulent nasal discharge, lethargy and pyrexia. Three of a further seven animals at the premises are reported to be affected. The positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

31. Gloucestershire

On 27 November 2014, AHT confirmed an outbreak of EI on a premises in Gloucestershire. The affected animal is an unvaccinated Hunter that showed signs of serous nasal discharge, cough, anorexia and glandular swelling. The second affected animal had arrived from Ireland nine days previously. The positive diagnoses were confirmed by PCR on nasopharyngeal swabs.