



International
Collating Centre

**INTERNATIONAL
COLLATING
CENTRE
QUARTERLY REPORT**

2024 Q4

Produced by:



ICC SUMMARY

The International Collating Centre (ICC) has compiled global equine disease outbreak data for over 35 years and is overseen by Equine Infectious Disease Surveillance (EIDS). The ICC is generously supported by contributions from Fédération Equestre Internationale (FEI), International Thoroughbred Breeders' Federation (ITBF) members, Japan Racing Association and Lanwades Stud.



National and international equine disease outbreaks are reported on a daily basis by the ICC, through email alerts. Please contact equinesurveillance@vet.cam.ac.uk to receive these. The ICC Viewer website provides detailed, interactive reports. Users can analyse data by country or region, select specific date ranges and conditions, and view summaries of reported outbreaks. Visit <https://equinesurveillance.org/iccview/>.



REPORT SUMMARY

This article summarises international disease outbreaks during the fourth quarter of 2024. Additional summary reports received with further information on disease occurrence for a country that had not been reported in previous real-time ICC reports are also presented. This additional information is identified by # in the tables and text, where relevant, throughout this report.

The data presented in this report must be interpreted with caution. There is likely to be some bias in the way samples are submitted for laboratory testing and subsequently reported. Consequently, these data do not necessarily reflect true infectious disease frequency within the international equine population.

A country with no reported outbreaks of a disease does not necessarily mean the disease is absent from that country. Each table summarises the number of disease outbreaks reported by a country, and each reported outbreak may involve more than one animal.

Reports are broken down by body system:

- Reproductive diseases pg 2
- Respiratory conditions pg 4
- Gastrological conditions pg 10
- Neurological diseases pg 12
- Miscellaneous diseases pg 15

REPRODUCTIVE DISEASES

Country	CEM	EHV-1	EHV-4	EHV-1/-4	Leptospirosis
Argentina	-	#1	-	-	-
Belgium	-	-	-	-	2
France	-	3	1	-	-
Germany	2	-	-	#1	1
Japan	-	#3	-	-	-
Netherlands	-	1	-	-	-
South Africa	-	#1	-	-	-
Sweden	-	1	-	-	-

#some cases reported after the quarter end

CONTAGIOUS EQUINE METRITIS (CEM)



GERMANY

Two outbreaks of CEM were reported involving single cases in each on premises in Bavaria and North Rhine-Westphalia. Positive diagnoses were confirmed by PCR on swabs from the fossa glandis, urethra, urethral sinus and penile sheath.

EQUINE HERPES VIRUS-1 (EHV-1) ABORTION



#ARGENTINA

An outbreak of EHV-1 abortion was reported in five non-Thoroughbreds with unknown vaccination history on a premises in Argentina, after the quarter end. Positive diagnoses were confirmed by PCR, with genomic characterisation as A2254/N752 DNA polymerase (previously assigned as non-neuropathogenic) genotype viruses.



FRANCE

Three outbreaks of EHV-1 abortion were reported involving single cases on premises in Bouches-du-Rhône and Calvados. Positive diagnoses were confirmed by PCR on fetal tissue.



#JAPAN

Three cases of EHV-1 abortion in vaccinated non-Thoroughbreds and Thoroughbreds on three separate premises in Japan were reported after the quarter end. Positive diagnoses were confirmed by PCR.



NETHERLANDS

One case of EHV-1 abortion was reported at six to seven months gestation on a premises in Lelystad, Flevoland. Positive diagnosis was confirmed by PCR.



#SOUTH AFRICA

One case of EHV-1 abortion was reported after the quarter end on a premises in the Free State.



SWEDEN

One case of EHV-1 abortion was reported on a premises in Karlstad municipality, Värmland County.

EQUINE HERPES VIRUS-4 (EHV-4) ABORTION



FRANCE

One case of EHV-4 abortion was reported on a premises in Orne. Positive diagnoses were confirmed by PCR on placental tissue.

EQUINE HERPES VIRUS-1/-4 (EHV-1/-4) ABORTION



GERMANY

#One case of EHV-1/-4 abortion was reported in a 14-year-old Thoroughbred mare on a premises in Hesse after the quarter end. The mare was in the last month of gestation. Positive diagnosis was confirmed by PCR on fetal tissue.

LEPTOSPIROSIS ABORTION



BELGIUM

Two outbreaks of leptospirosis abortion were reported involving single cases on premises in Hainaut and West Flanders. Abortion took place at six months gestation in both cases. Positive diagnoses were confirmed by PCR on fetal tissue.



GERMANY

One case of of leptospirosis abortion was reported on a premises in Lower Saxony. Positive diagnosis was confirmed by PCR on placental tissue.

RESPIRATORY CONDITIONS

Country	EHV-1	EHV-1/4	EHV-2	EHV-4	EHV-5	Flu	Strangles	S. zoo
Belgium	-	-	1	-	-	-	3	-
Canada	1	-	-	-	-	9	2	-
France	13	1	-	34	-	1	#26	-
Germany	3	-	-	6	-	-	#6	-
Netherlands	2	-	-	18	-	-	33	-
South Africa	#4	-	-	-	-	-	-	-
Sweden	2	-	-	-	-	1	2	1
Switzerland	-	-	-	2	1	-	#2	-
United Kingdom	1	-	-	6	-	11	-	-
USA	1	-	-	-	-	6	#18	-

#some cases reported after the quarter end

EQUINE HERPES VIRUS-1 (EHV-1) RESPIRATORY



CANADA

One case of EHV-1 respiratory infection was reported with a co-infection of *Streptococcus zooepidemicus* in a vaccinated yearling on a premises in MRC Beauce-Sartigan, Quebec. Clinical signs included: cough, purulent nasal discharge and increased respiratory noise.



FRANCE

Thirteen outbreaks of EHV-1 respiratory infection were reported, one involving three cases on a premises Hauts-de-Seine, three involving two cases on premises in: Cantal, Essonne and Loire-Atlantique and nine involving single cases on premises in: Essonne, Loire-Atlantique, Nord, Sarthe, Seine-et-Marne and Yvelines. Positive diagnoses were confirmed by PCR on a nasopharyngeal swab, blood or guttural pouch wash.



GERMANY

Three outbreaks of EHV-1 respiratory infection were reported, with single cases in each on premises in: Bavaria, Lower Saxony and North Rhine-Westphalia. Positive diagnoses were confirmed by PCR on swabs or nasal swab.



NETHERLANDS

Two outbreaks of EHV-1 respiratory infection were reported with single cases in each on premises in: Friesland and South Holland. Positive diagnoses were confirmed by PCR.



#SOUTH AFRICA

Four cases of EHV-1 respiratory disease were reported after the quarter end on premises in: Gauteng (two cases), Northern Cape (one case) and Western Cape (one case).



SWEDEN

Two outbreaks of EHV-1 respiratory infection were reported on premises in Stockholm County and Uppsala County.



UNITED KINGDOM

One case of EHV-1 respiratory infection was reported on a premises in Newport, Wales. Clinical signs included: pyrexia, inappetence, lethargy and harsh/dry cough. Positive diagnosis was confirmed by PCR on a nasopharyngeal swab.



UNITED STATES OF AMERICA

One case of EHV-1 respiratory infection was reported on a premises in Wyoming.

EQUINE HERPES VIRUS-1/-4 (EHV-1/-4) RESPIRATORY



FRANCE

One case of EHV-1/-4 respiratory infection was reported on a premises in Calvados. Positive diagnosis was confirmed by PCR on a nasopharyngeal swab.

EQUINE HERPES VIRUS-2 (EHV-2) RESPIRATORY



BELGIUM

One case of EHV-2 respiratory infection was reported on a premises in East Flanders. Clinical signs included: pyrexia, cough, nasal discharge and lymphadenopathy. Positive diagnosis was confirmed by PCR on a nasal swab

EQUINE HERPES VIRUS-4 (EHV-4) RESPIRATORY



FRANCE

Thirty-four outbreaks of EHV-4 respiratory infection were reported, one involving three cases on a premises in Mayenne, four involving two cases on premises in: Calvados and Haute Garonne and 29 involving single cases on premises in: Bouches-du-Rhone, Calvados, Cher, Essonne, Eure, Gironde, Haute-Garonne, Haute-Marne, Hauts-de-Seine, Mayenne, Nord, Oise, Orne, Rhone, Sarthe, Tarn and Yvelines. Positive diagnoses were confirmed by PCR on nasopharyngeal swabs.



GERMANY

Six outbreaks of EHV-4 respiratory infection were reported, one involving six cases on a premises in North Rhine-Westphalia, one involving three cases on a premises in North Rhine-Westphalia, one involving two cases on premises in Brandenburg and three involving single cases on separate premises in North Rhine-Westphalia. Positive diagnoses were confirmed by PCR on swabs or nasal swabs.



NETHERLANDS

Eighteen outbreaks of EHV-4 respiratory infection were reported with single cases in each on premises in: Drenthe, Friesland, Limburg, North Brabant, Overijssel, North Holland, South Holland and Utrecht. Positive diagnoses were confirmed by PCR.



SWITZERLAND

Two outbreaks of EHV-4 respiratory infection were reported with single cases in each on separate premises in the Canton of Bern. Positive diagnoses were confirmed by PCR.



UNITED KINGDOM

Six outbreaks of EHV-4 respiratory infection were reported, involving single cases in each on premises in: Cambridgeshire, Essex, Herefordshire, Northamptonshire and Warwickshire. Clinical signs included: cough, inappetence, lethargy, lymphadenopathy, sneezing, nasal discharge and pyrexia. Positive diagnoses were confirmed by PCR or loop-mediated isothermal amplification (LAMP) on nasopharyngeal swabs.

EQUINE HERPES VIRUS-5 (EHV-5) RESPIRATORY



SWITZERLAND

One case of EHV-5 respiratory infection was reported on a premises in the Canton of Vaud. Clinical signs included: pyrexia and anorexia. Positive diagnosis was confirmed by loop-mediated isothermal amplification (LAMP).

EQUINE INFLUENZA



CANADA

Nine outbreaks of EI were reported with one outbreak involving two cases on a premises in Ontario and eight outbreaks involving single cases on premises in: Ontario and Quebec. Clinical signs included: cough, nasal discharge and pyrexia,



FRANCE

One case of EI was reported on a premises in Loiret. Clinical signs included: cough, nasal discharge and lymphadenopathy. Positive diagnosis was confirmed by PCR on a nasopharyngeal swab.



SWEDEN

One case of EI was reported in a recently imported animal on a premises in Eskilstuna Municipality, Västmanland County. Positive diagnosis was confirmed by PCR.



UNITED KINGDOM

Eleven outbreaks of equine influenza were reported with one involving three cases on a premises in Aberdeenshire and 10 involving single cases on premises in: Cheshire, Gloucestershire, Norfolk, North Yorkshire, Northumberland, Rhondda Cynon Taf, Shropshire, South Ayrshire and Staffordshire. All outbreaks occurred between mid October and early November. Three outbreaks involved recently imported animals, four involved new arrivals onto the premises and one case had a co-infection of EHV-4 respiratory infection. Positive diagnoses were confirmed by PCR on nasal or nasopharyngeal swabs.



UNITED STATES OF AMERICA

Six outbreaks of equine influenza were reported with one involving three cases on a premises in Maryland, two involving two cases on premises in: Indiana and Wisconsin. In two of the outbreaks the animals had recently been bought at auction.



BELGIUM

Three outbreaks of strangles were reported each involving single cases on premises in: East Flanders and West Flanders. In one of the outbreaks the affected case had a co-infection of EHV-2 and EHV-5 and in another the affected animal had a co-infection of EHV-1, EHV-2, EHV-5. Positive diagnoses were confirmed by PCR or culture on nasal swabs.



CANADA

Two outbreaks of strangles were reported involving single cases on separate premises in Ontario. Clinical signs included: anorexia, lethargy, abnormal respiratory sounds, pyrexia and a draining mandibular abscess.



#FRANCE

Twenty-six outbreaks of strangles were reported, one involving three cases on a premises in Indre-et-Loire, two involving two cases on premises in: Meuse and Loire-Atlantique and twenty-three involving single cases on premises in: Ariège, Bouches-du-Rhône, Calvados, Finistere, Hautes-Alpes, Ille-et-Vilaine, Isere, Indre-et-Loire, Landes, Loir-et-Cher, Nièvre, Nord, Orne, Saône-et-Loire, de Belfort, Val-de-Marne, Vosges and Yvelines. Positive diagnoses were confirmed by PCR on nasopharyngeal swabs, nasal swabs or on a guttural pouch wash. One outbreak was reported after the quarter end in five animals on a premises in Ariege. Clinical signs included: cough, nasal discharge and pyrexia. Positive diagnoses were confirmed by PCR.



#GERMANY

Four outbreaks of strangles were reported each involving single cases on premises in: Lower Saxony and North Rhine-Westphalia. Positive diagnoses were confirmed by PCR and culture on nasal swab in one outbreak and by PCR on guttural pouch washes in three outbreaks. Two outbreaks with single cases in each were reported after the quarter end on premises in Rhineland-Palatinate and Lower Saxony.



NETHERLANDS

Thirty-three outbreaks of strangles were reported, each involving single cases on premises in: Drenthe, Flevoland, Friesland, Gelderland, Groningen, Limburg, North Brabant, North Holland, Overijssel, South Holland and Utrecht. Positive diagnoses were confirmed by PCR.



SWEDEN

Two outbreaks of strangles were reported. One outbreak involved more than one case on a premises in Uppsala County and one outbreak involved one case on a premises in Västmanland County, this outbreak was confirmed by PCR on a nasopharyngeal swab.



#SWITZERLAND

Two outbreaks of strangles were reported with single cases in each. One was on a premises in the Canton of Lucerne. Clinical signs included: pyrexia, respiratory tract signs and retropharyngeal lymph node abscessation. Positive diagnosis was confirmed by PCR. One case was reported after the quarter end on a premises in the Canton of Fribourg. Clinical signs included: pyrexia and respiratory signs with positive diagnosis confirmed by PCR.



#UNITED STATES OF AMERICA

Eighteen outbreaks of strangles were reported with two involving two cases on premises in; Ohio and Wisconsin and fifteen involving single cases on premises in: California, Florida, Idaho, Michigan, Pennsylvania and Washington with one case having a co-infection of equine influenza. Clinical signs included: anorexia, cough, inappetence, lymphadenopathy, lymph node abscess, nasal discharge and pyrexia. One case was reported after the quarter end on a premises in Washington.

STREPTOCOCCUS ZOOEPIDEMICUS



SWEDEN

One outbreak of *Streptococcus zooepidemicus* was reported on a premises in Södermanland County.

GASTROINTESTINAL DISEASES

Country	Coronavirus	<i>Rhodococcus equi</i>	Rotavirus	Salmonellosis
Argentina	-	-	#3	-
France	-	1	-	-
Germany	-	-	-	1
Netherlands	12	-	-	16
Switzerland	1	-	-	-
USA	1	-	-	-

#some cases reported after the quarter end

CORONAVIRUS



NETHERLANDS

Twelve outbreaks of equine coronavirus were reported involving single cases on premises in: Friesland, Gelderland, North Brabant, North Holland, Overijssel and Utrecht. Positive diagnoses were confirmed by PCR.



SWITZERLAND

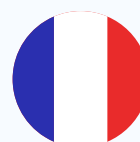
One case of equine coronavirus was reported on a premises in the Canton of Zurich. Clinical signs included: diarrhoea and pyrexia. Positive diagnosis was confirmed by PCR on faecal matter.



UNITED STATES OF AMERICA

One case of equine coronavirus was reported on a premises in Washington.

RHODOCOCCLUS EQUI



FRANCE

One case of *Rhodococcus equi* was reported on a premises in Ille-et-Vilaine. Positive diagnosis was confirmed by bacteriology on faecal matter.

ROTAVIRUS



#ARGENTINA

Nineteen cases of Rotavirus A infection in foals from vaccinated Thoroughbred mares on three premises in Argentina, were reported after the quarter end. The mares of the affected foals received two doses of rotavirus vaccine at 45 and 15 days prior to parturition. Positive diagnoses were confirmed by PCR.

SALMONELLOSIS



GERMANY

One outbreak of salmonellosis was reported on a premises in Saxony. Positive diagnosis was confirmed by PCR on faecal matter.



NETHERLANDS

Sixteen outbreaks of *Salmonella enterica* infection were reported involving single cases on premises in: Limburg, Friesland, North Brabant, North Holland and Utrecht. Positive diagnoses were confirmed by PCR.

NEUROLOGICAL DISEASES

Country	EEE	EEV	EHV-1	WNV
Canada	10	-	3	8
France	-	-	6	24
Germany	-	-	-	4
Italy	-	-	-	#3
Netherlands	-	-	1	-
South Africa	-	#1	-	-
Sweden	-	-	1	-
Tunisia	-	-	-	4
United Kingdom	-	-	1	-
USA	16	-	4	36

#some cases reported by ICC after the quarter end

EASTERN EQUINE ENCEPHALITIS (EEE)



CANADA

Ten outbreaks of EEE were reported all involving single cases on premises in: Ontario and Quebec. Clinical signs included: ataxia, altered mental state, circling, falling, head pressing, hypermetria, muscle tremors, blindness, obtunded, pyrexia, recumbency, reduced PLR, stumbling and weakness.



UNITED STATES OF AMERICA

Sixteen outbreaks of EEE were reported all involving single cases on premises in: Florida, Michigan, New York, Tennessee, Vermont and Wisconsin. Clinical signs included: ataxia, bruxism, depression, falling, incoordination, head pressing, laboured breathing, inability to stand, lethargy, muscle fasciculations, pyrexia, recumbency, salivating, seizures, staggering, tachycardia and other neurological signs.

EQUINE ENCEPHALOSIS VIRUS (EEV)



#SOUTH AFRICA

EEV is regarded as endemic in South Africa. One case of EEV was reported after the quarter end on a premises in Limpopo.

EQUINE HERPES VIRUS-1 (EHV-1) NEUROLOGICAL



CANADA

Three outbreaks of EHV-1 were reported with one involving two cases on a premises in Ontario and two involving single cases on separate premises in Ontario. Clinical signs included: ataxia and acute neurological signs, which in one case progressed to recumbency and seizures, with the animal being euthanased.



FRANCE

Six outbreaks of EHV-1 neurological disease were reported with one involving four cases on a premises in Essonne, one involving three cases on a premises in Hauts-de-Seine and four involving single cases on premises in: Essonne, Eure-et-Loir, Orne and one case on the French/Swiss border. Clinical signs included: ataxia, exhaustion, paresis, pyrexia and recumbency



NETHERLANDS

One case of EHV-1 neurological disease was reported on a premises in Friesland. Clinical signs included: ataxia, encephalitis, limb oedema, pyrexia and recumbency. Positive diagnosis was confirmed by PCR.



SWEDEN

One outbreak of EHV-1 neurological disease was reported on a premises in Uppsala County. Clinical signs included: ataxia, hindlimb swelling and pyrexia. Positive diagnosis was confirmed by PCR on a nasal swab.



UNITED KINGDOM

One case of EHV-1 neurological disease was reported on a premises in Gloucestershire. Clinical signs included: ataxia, poor proprioception and weakness on tail-pull. Positive diagnosis was confirmed on 24 October 2024, by presence of moderate to high complement fixation (CF) test antibody titres in the absence of recent vaccination.



UNITED STATES OF AMERICA

Four outbreaks of EHV-1 neurological disease were reported with one involving two cases on a premises in Washington and three involving single cases on premises in Virginia and Wisconsin. Clinical signs included: ataxia, incontinence, pyrexia and recumbency.

WEST NILE VIRUS (WNV)



CANADA

Eight outbreaks of WNV were reported with one involving two cases on a premises in Ontario and seven involving single cases on premises in: Ontario and Quebec. Clinical signs included: ataxia, dullness, hyperaesthesia, hypermetria, lethargy, muscle fasciculations, pyrexia, stumbling and twitching.



FRANCE

Twenty-four outbreaks of WNV were reported with one outbreak involving 13 subclinical cases, one outbreak involving seven cases, one involving six cases all on premises in Martinique and one outbreak involved three cases on premises in Hérault. Twenty single cases were reported on premises in: Bouches-du-Rhône, Gard, Gironde, Guadeloupe, Haute-Corse and Var. Clinical signs included: ataxia, lethargy, paralysis, paresis, pyrexia, recumbency, stiffness and tremors. Positive diagnoses were confirmed in some cases by ELISA.



GERMANY

Four outbreaks of WNV were reported involving single cases on premises in Hessen, Lower Saxony and Rhineland-Palatinate. Positive diagnoses were confirmed by ELISA or virus isolation.



ITALY

#Three outbreaks of WNV were reported with singles cases in each on premises in Toscana and Campania, reported after the quarter end.



TUNISA

Four outbreaks of WNV were reported with one involving two cases on a premises in Ben Arous and three involving single cases on premises in: Bizerte, Kassérine and Mahdia. Positive diagnoses were confirmed by PCR and genomic sequencing.



UNITED STATES OF AMERICA

Thirty-six outbreaks of WNV were reported all involving single cases on premises in: Arizona, Colorado, Florida, Georgia, Indiana, Kentucky, Michigan, Nebraska, New York, North Carolina, Oklahoma, Pennsylvania, South Carolina, Tennessee, Utah and Wisconsin. Clinical signs included: behaviour changes, ataxia, depression, head-shaking, inability to rise, inappetence, incoordination, lameness, lethargy, proprioceptive deficits, pyrexia, recumbency, stiffness, stumbling, tremors, weakness and other neurological signs.

MISCELLANEOUS DISEASES

Country	AHS	Anaplasmosis	EIA	EGS
Belgium	-	-	2	-
Canada	-	1	6	-
Germany	-	2	-	-
Italy	-	-	#6	-
Netherlands	-	2	-	-
Nigeria	1	-	-	-
South Africa	#2	-	-	-
Switzerland	-	1	-	-
United Kingdom	-	-	-	#9
USA	-	-	21	-

#some cases reported after the quarter end

Country	Leptospirosis	Lyme disease	Pigeon Fever	Piroplasmosis	Potomac Horse Fever
Canada	-	1	-	-	-
France	-	-	-	1	-
Italy	#1	-	-	#87	-
Netherlands	-	-	-	4	-
South Africa	-	-	-	#73	-
Switzerland	-	1	-	1	-
USA	-	-	2	-	1

#some cases reported after the quarter end

AFRICAN HORSE SICKNESS (AHS)



NIGERIA

One outbreak of AHS was reported at the Jos Polo Club, Barkin Ladi, Plateau State. There were 83 horses in the group and 17 deaths due to AHS. Positive diagnoses were confirmed by RT-PCR.



#SOUTH AFRICA

AHS is regarded as endemic in South Africa except in the AHS controlled area in the Western Cape Province. Cases occurred and were reported from one province in the country after the quarter end on premises in Gauteng (two cases).

ANAPLASMOSIS



CANADA

One case of anaplasmosis was reported on a premises in Quebec. Clinical signs included: incoordination, pyrexia and sweating of the hindlimbs.



GERMANY

Two outbreaks of anaplasmosis were reported involving single cases on separate premises in Lower Saxony. Positive diagnoses were confirmed by PCR on EDTA blood.



NETHERLANDS

Two outbreaks of anaplasmosis were reported with single cases in each on premises in Gelderland and North Holland. Positive diagnosis was confirmed by PCR.



SWITZERLAND

One case of anaplasmosis with a co-infection of piroplasmosis was reported on a premises in the Canton of Valais. Clinical signs included: anaemia and pyrexia. Positive diagnosis was confirmed by PCR.

EQUINE INFECTIOUS ANAEMIA (EIA)



BELGIUM

Two outbreaks of EIA were reported involving single cases in each on premises in Hainaut and Limburg. Positive diagnoses were confirmed by ELISA and Coggins test.



CANADA

Six outbreaks of EIA were reported involving one outbreak with seven animals on a premises in Saskatchewan, one outbreak involving three animals on a premises also in Saskatchewan and four outbreaks involving single cases on premises in: Alberta and Saskatchewan.



#ITALY

Six outbreaks of EIA were reported after the quarter end on premises in: Lazio (one case), Emilia Romagna (four cases), Abruzzo (one case), Puglia (one case) and Campania (one case). Eight animals were affected: four horses, three donkeys and one mule. Positive diagnoses were confirmed by ELISA and Coggins on serum.



UNITED STATES OF AMERICA

Twenty-one outbreaks of EIA were reported with one outbreak at a racetrack in California involving 23 animals. The following outbreaks were all on premises in Texas: one outbreak involving eight animals, one outbreak involving seven animals, one outbreak involving six animals, one outbreak involving five animals, one outbreak involving three animals, two outbreaks involving two animals and 13 outbreaks involving single cases.

EQUINE GRASS SICKNESS (EGS)



#UNITED KINGDOM

Nine outbreaks of EGS were reported involving single cases in each on premises in: East Sussex, Highlands, Kent, Perth and Kinross and Suffolk. Two cases of EGS was reported after the quarter end on premises in Aberdeen and Suffolk.

LEPTOSPIROSIS



#ITALY

Two outbreaks of leptospirosis were reported after the quarter end involving five animals in one outbreak and two animals in the second, on separate premises in Lazio.

LYME DISEASE



CANADA

One case of Lyme disease was reported on a premises in Quebec.



SWITZERLAND

One case of Lyme disease was reported on a premises in the Canton of Vaud. Clinical signs included polyarthritis and fatigue. Positive diagnosis was confirmed by PCR.

PIGEON FEVER



UNITED STATES OF AMERICA

Two outbreaks of pigeon fever (*Corynebacterium pseudotuberculosis*) were reported with one involving eight cases on a premises in Kentucky and one involving one case on a premises in Idaho. In the outbreak involving a single case, clinical signs included two large pectoral abscesses that ruptured and drained purulent material.

PIROPLASMOSIS



FRANCE

One case of piroplasmosis due to *Theileria equi* infection was reported on a premises on the border with France and Switzerland. Clinical signs included pyrexia. Positive diagnosis was confirmed by PCR.



ITALY

#Seventy-six positive cases of piroplasmosis due to *Theileria equi* were reported after the quarter end involving 50 cases on premises in Lazio, 15 cases on premises in Toscana and 11 cases on premises in Basilicata. Two cases were confirmed positive by PCR on organs and 74 by PCR on EDTA blood. Eleven outbreaks of *Babesia caballi* were reported after the quarter end involving eight cases on premises in Lazio, two cases on premises in Toscana and one case on a premises in Basilicata. Positive diagnoses were confirmed by PCR on EDTA blood.



NETHERLANDS

Four outbreaks of piroplasmosis due to *Theileria equi* infection were reported with single cases in each on premises in: Gelderland, North Brabant and South Holland. Positive diagnosis was confirmed by PCR.



#SOUTH AFRICA

Piroplasmosis is regarded as endemic in South Africa and cases were reported from seven of the nine provinces of South Africa as follows after the quarter end: *B. caballi* - Northern Cape (one case) and Western Cape (three cases). *T. equi* - Eastern cape (two cases), Gauteng (24 cases), Kwa-Zulu Natal (three cases), Limpopo (nine cases), Mpumlunga (five cases) and Western Cape (26 cases).



SWITZERLAND

One case of piroplasmosis due to *Theileria equi* infection was reported on a premises in the Canton of Jura. Clinical signs included pyrexia. Positive diagnosis was confirmed by PCR

POTOMAS HORSE FEVER



UNITED STATES OF AMERICA

One case of Potomac horse fever was reported on a premises in Washington.

ICC QUARTERLY REPORT - END

Contact us

For any further inquiries or clarifications regarding the information presented in this document, please contact EIDS



01223 766496



www.equinesurveillance.org



equinesurveillance@vet.cam.ac.uk

