



**INTERNATIONAL COLLATING CENTRE**  
**Information Exchange on Infectious Equine Disease**

*Generously supported by contributions from  
International Thoroughbred Breeders Federation members*  
E-mail [equinesurveillance@aht.org.uk](mailto:equinesurveillance@aht.org.uk) to submit reporting information



---

**Fourth Quarter Report: Supplementary Data**

October – December 2018

Interim disease reports are collated on a real-time basis by the ICC, see <https://www.aht.org.uk/disease-surveillance/icc-reports>.

These interim reports are obtained from multiple sources and include country's national equine infectious disease reporting systems, for example (although not an exhaustive list); France's Réseau d'Epidémiologie-Surveillance en Pathologie Equine (RESPE), Belgium's Equi Focus Point (EFPB) and USA's Equine Disease Communication Center (EDCC). Disease outbreaks that have not been included in an ICC interim report are requested at the end of a quarter by ICC and are included in the quarterly summary.

Infectious disease reports from the quarter have been tabulated below by infectious disease and include information on country of origin and location within country, date of report and the source/organisation reporting the case or outbreak. Where available, signalment, vaccination status, clinical signs and confirmatory test performed are stated. Further epidemiological information is included in the form of the number of animals that have been confirmed positive by laboratory testing and also the inclusion of reports of any animals at the premises that may be displaying clinical signs attributable to the infectious disease, both reported below as 'affected'. The number of in-contact susceptible animals at the premises, where available, will be specified. Additional information will be summarised and included. See the final page of this supplement for a list of abbreviations.

The data *must be interpreted with caution*, as there is likely to be some bias. For inclusion, a case or outbreak must first be attended by a veterinarian, confirmed by laboratory testing and then subsequently reported. These stages can be influenced by many factors such as owner attitude, financial constraints, available resources and infrastructure. A country with no reported outbreaks of disease does not necessarily equate to the disease not being present in that country. **Consequently these data do not necessarily reflect true disease frequency within the international equine population.**



**Animal Health Trust**  
Lanwades Park, Kentford, Newmarket, Suffolk CB8 7UU England  
Telephone: +44 (0)1638 555659  
Website: [www.aht.org.uk/disease-surveillance/icc-reports](http://www.aht.org.uk/disease-surveillance/icc-reports)



*This report is based on information received by the Animal Health Trust, Registered Charity Number 209642, which cannot accept any responsibility for the accuracy or completeness of such information*

## Reproductive Diseases

**EQUINE HERPES VIRUS-1 (EHV-1) ABORTION**

Country	Location	Report Date	Source	Age	Breed	Vaccinated	Sample	Test	Affected	In-Contacts	Additional Information	ICC Report
France	Calvados	26/10/2018	RESPE	7	TB	Yes	Placental tissue	PCR	1	11	None	Oct 18 #13
France	Calvados	06/11/2018	RESPE	9	TB	Yes	Fetal and placental tissue	PCR	1	20	Stud premises	Nov 18 #02
Germany	NK	Q4	Labor Dr. Böse GmbH	NK	NK	NK	Placental and fetal tissue	NK	1	NK	None	Quarterly request
Germany	NK	Q4	Labor Dr. Böse GmbH	NK	NK	NK	Placental and fetal tissue	NK	1	NK	None	Quarterly request
Ireland	County Kildare	Q4	Irish Equine Centre	NK	NK	NK	NK	PCR	1	NK	None	Quarterly request
Ireland	County Kildare	Q4	Irish Equine Centre	NK	NK	NK	NK	PCR	1	NK	None	Quarterly request
Ireland	County Tipperary	Q4	Irish Equine Centre	NK	NK	NK	NK	PCR	1	NK	None	Quarterly request
Ireland	County Tipperary	Q4	Irish Equine Centre	NK	NK	NK	NK	PCR	1	NK	None	Quarterly request
Japan	NK	Q4	HHLHSC	NK	TB	Yes	NK	NK	1	NK	None	Quarterly request
Japan	NK	Q4	HHLHSC	NK	TB	No	NK	NK	1	NK	None	Quarterly request
USA	NK	Q4	Gluck Equine Research Center	NK	NK	NK	NK	NK	NK	NK	5 cases of abortion reported during Q4	Quarterly request

**EQUINE HERPES VIRUS-4 (EHV-4) ABORTION**

Country	Location	Source	Report Date	Age	Breed	Vaccinated	Sample	Test	Affected	In-Contacts	Additional Information	ICC Report
USA	NK	Q4	Gluck Equine Research Center	NK	NK	NK	NK	NK	1	NK	None	Quarterly request

**EQUINE VIRAL ARTERITIS (EVA)**

Country	Location	Report Date	Source	Age	Breed	Sex	Clinical Signs	Vaccinated	Sample	Test	Affected	In-Contacts	Additional Information	ICC Report
France	Orne	18/10/2018	RESPE	NK	NK	M	Abortion	NK	Fetal tissues	PCR	1	NK	None	Oct 18 #10
France	Orne	16/11/2018	RESPE	NK	NK	M	Abortion	NK	Fetal tissues	PCR	1	NK	Screening in contacts. Case in isolation	Nov 18 #07
France	Calvados	07/12/2018	RESPE	10	Holsteiner	S	None	NK	Semen	PCR	1	NK	Tested prior to the covering season	Dec 18 #03

<b>Germany</b>	NK	Q4	Labor Dr. Böse GmbH	NK	WB	S	NK	NK	Semen	PCR	1	NK	None	Quarterly request
----------------	----	----	---------------------	----	----	---	----	----	-------	-----	---	----	------	-------------------

**CONTAGIOUS EQUINE METRITIS (CEM)**

Country	Location	Report Date	Source	Age	Breed	Sex	Clinical Signs	Sample	Test	Affected	In-Contacts	Additional Information	ICC Report
Germany	NK	Q4	Labor Dr. Böse GmbH	NK	WB	S	NK	Genital swab	PCR	2	NK	None	Quarterly request
Germany	NK	Q4	Labor Dr. Böse GmbH	NK	Icelandic	S	NK	Genital swab	PCR	2	NK	None	Quarterly request

**Respiratory Diseases****EQUINE HERPES VIRUS-1 (EHV-1) RESPIRATORY INFECTION**

Country	Location	Report Date	Source	Age	Breed	Sex	Clinical Signs	Vaccinated	Sample	Test	Affected	In-Contacts	Additional Information	ICC Report
<b>France</b>	Orne	05/10/2018	RESPE	NK	NK	NK	Poor performance	NK	BAL	PCR	1	NK	EHV-4 co-infection	Oct 18 #03
<b>France</b>	Paris	15/10/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	2	NK	None	Oct 18 #07
<b>France</b>	Aveyron	19/10/2018	RESPE	15	Donkey	Jenny	Coughing, ND, pyrexia	No	NP swab	PCR	1	3	None	Oct 18 #10
<b>France</b>	Lot	29/10/2018	RESPE	NK	NK	NK	Coughing, ND, pyrexia	NK	NP swab	PCR	1	NK	EHV-4 co-infection	Nov 18 #01
<b>France</b>	Calvados	09/11/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	1	NK	None	Nov 18 #04
<b>France</b>	Orne	22/11/2018	RESPE	NK	NK	NK	None	NK	NP swab	PCR	1	NK	Sampled as part of a screening test	Nov 18 #10
<b>France</b>	Vendée	04/12/2018	RESPE	NK	NK	NK	Coughing, ND, pyrexia	NK	NP swab	PCR	2	NK	None	Dec 18 #02
<b>France</b>	Eure	13/12/2018	RESPE	NK	NK	NK	ND, pyrexia	NK	NP swab	PCR	2	45	Voluntary movement restrictions	Dec 18 #05
<b>Germany</b>	NK	Q4	Labor Dr. Böse GmbH	NK	NK	NK	Pyrexia	NK	NP swab	PCR	5	NK	None	Quarterly request
<b>South Africa</b>	Kwa-Zulu Natal	Q4	SAEVA	NK	NK	NK	NK	NK	NK	NK	1	NK	None	Quarterly request
<b>UK</b>	Scotland	18/12/2018	AHT	5	NK	NK	Chronic cough, ND	NK	NP swab	PCR	1	NK	In-contacts had history of coughing 3w prior, positive horse also positive for <i>Streptococcus zooepidemicus</i>	Dec 18 #07

**EQUINE HERPES VIRUS-4 (EHV-4) RESPIRATORY INFECTION**

Country	Location	Report Date	Source	Age	Breed	Sex	Clinical Signs	Vaccinated	Sample	Test	Affected	In-Contacts	Additional Information	ICC Report
<b>France</b>	Calvados	01/10/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	1	NK	None	Oct 18 #01
<b>France</b>	Calvados	01/10/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	1	NK	None	Oct 18 #01

<b>France</b>	Haut-Rhin	12/10/2018	RESPE	9mo	Haflinger	M	Coughing, ND, pyrexia	No	NP swab	PCR	3	17	None	Oct 18 #06
<b>France</b>	Calvados	12/10/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	1	NK	None	Oct 18 #06
<b>France</b>	Orne	15/10/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	3	3	None	Oct 18 #07
<b>France</b>	Gard	17/10/2018	RESPE	1	Arab	S	Coughing, ND, pyrexia	Yes	NP swab	PCR	1	24	None	Oct 18 #09
<b>France</b>	Lot-et-Garonne	18/10/2018	RESPE	2	Shetland pony	M	Coughing, ND, pyrexia	No	NP swab	PCR	1	7	None	Oct 18 #10
<b>France</b>	Calvados	26/10/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	1	NK	None	Oct 18 #13
<b>France</b>	Orne	29/10/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	4	NK	None	Nov 18 #01
<b>France</b>	Orne	29/10/2018	RESPE	NK	NK	NK	ND	NK	NP swab	PCR	1	NK	None	Nov 18 #01
<b>France</b>	Orne	29/10/2018	RESPE	NK	NK	NK	Coughing, dyspnoea, ND	NK	NP swab	PCR	5	NK	None	Nov 18 #01
<b>France</b>	Calvados	02/11/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	1	NK	None	Nov 18 #02
<b>France</b>	Calvados	06/11/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	1	NK	None	Nov 18 #02
<b>France</b>	Essonne	07/11/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	2	NK	None	Nov 18 #03
<b>France</b>	Ille-et-Vilaine	09/11/2018	RESPE	NK	NK	NK	ND, pyrexia	NK	NP swab	PCR	1	NK	None	Nov 18 #04
<b>France</b>	Calvados	09/11/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	2	NK	None	Nov 18 #04
<b>France</b>	Yvelines	09/11/2018	RESPE	14	Shetland Pony	M	Coughing, lethargy, ND, pyrexia	NK	NP Swab	PCR	4	50	None	Nov 18 #04
<b>France</b>	Orne	15/11/2018	RESPE	NK	NK	NK	ND	NK	NP swab	PCR	1	NK	None	Nov 18 #06
<b>France</b>	Gironde	15/11/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	1	NK	None	Nov 18 #06
<b>France</b>	Ille-et-Vilaine	17/11/2018	RESPE	5	Sports Horse	M	Pyrexia	No	NP swab	PCR	1	50	None	Nov 18 #08
<b>France</b>	Orne	22/11/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	1	NK	None	Nov 18 #10
<b>France</b>	Isère	30/11/2018	RESPE	NK	NK	NK	LNE, ND, pyrexia	NK	NP swab	PCR	10	50	None	Dec 18 #01
<b>France</b>	Orne	04/12/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	1	NK	None	Dec 18 #02
<b>France</b>	Orne	07/12/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	1	NK	None	Dec 18 #04
<b>France</b>	Ardennes	13/12/2018	RESPE	NK	NK	NK	Coughing	NK	NP swab	PCR	1	NK	None	Dec 18 #06
<b>France</b>	Landes	21/12/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	1	NK	None	Dec 18 #08
<b>Germany</b>	NK	Q4	Labor Dr. Böse GmbH	NK	NK	NK	Pyrexia	NK	NP swab	PCR	4	NK	None	Quarterly request

<b>UK</b>	Scottish Borders	02/10/2018	AHT	3	TB	G	ND, pyrexia	No	NP swab	PCR	1	NK	None	Oct 18 #01
<b>UK</b>	Norfolk	10/10/2018	AHT	NK	NK	NK	Pyrexia, serous ND	No	NP swab	PCR	1	3	None	Oct 18 #05
<b>UK</b>	Buckingham shire	25/10/2018	AHT	1	NK	M	LNE, ND, pyrexia	No	NP swab	PCR	1	NK	Isolated and improving	Oct 18 #12
<b>UK</b>	Oxfordshire	29/11/2018	AHT	NK	NK	NK	Purulent ND, pyrexia	No	NP swab	PCR	4	NK	One horse sampled and also found to have a <i>Streptococcus zooepidemicus</i> co-infection	Dec 18 #01
<b>UK</b>	Eastern England	12/12/2018	AHT	11	NK	M	ND, pyrexia	No	NP swab	PCR	2	NK	New arrival on yard also displaying similar signs but negative on testing	Dec 18 #05
<b>UK</b>	Scotland	21/12/2018	AHT	1	TB	NK	Cough, LNE, mucopurulent ND, pyrexia	No	NP swab	PCR	1	NK	None	Dec 18 #08
<b>UK</b>	Sussex	28/12/2018	AHT	6mo	NK	NK	Coughing, dullness, ND, pyrexia	No	NP swab	PCR	6	NK	None	Dec 18 #10
<b>USA</b>	WA	07/12/2018	WA Department of Agriculture	NK	NK	NK	NK	NK	NK	NK	2	NK	None	Dec 18 #03

**EQUINE INFLUENZA**

Country	Location	Report Date	Source	Age	Breed	Sex	Clinical Signs	Vaccinated	Sample	Test	Affected	In-Contacts	Additional Information	ICC Report
<b>Ecuador</b>	4 provinces in North	16/10/2018	OIE	NK	NK	NK	Respiratory signs	NK	Blood and swabs	ELISA and PCR	111	432	None	Oct 18 #08
<b>France</b>	Paris	14/12/2018	RESPE	3 to 10	5 French Saddlebreds, Belgian Sports horse, Belgian Warmblood, Warmblood	NK	NK	Yes	NP swab	PCR	9	100	None	Dec 18 #06
<b>France</b>	Pas-de-Calais	21/12/2018	RESPE	4	French Saddlebred	NK	Coughing, ND, pyrexia	Yes	NP swab	PCR	14	50	Voluntary quarantine in place. Epidemiological investigations being carried out	Dec 18 #08
<b>France</b>	Ardennes	28/12/2018	RESPE	NK	NK	NK	Coughing, dyspnoea, ND, pyrexia	Yes	NP swab	PCR	3	NK	Clinical signs following introduction of an unvaccinated horse from Belgium	Dec 18 #10
<b>USA</b>	WA	20/11/2018	WA Department of Agriculture	NK	NK	NK	NK	NK	NK	NK	4 separate cases in the state	NK	None	Nov 18 #09

<b>USA</b>	WA	22/11/2018	WA Department of Agriculture	NK	NK	NK	NK	NK	NK	NK	4 separate cases in the state	None	Nov 18 #10	
<b>USA</b>	WA	28/11/2018	WA Department of Agriculture	NK	NK	NK	NK	NK	NK	NK	7 separate cases in the state	NK	None	Nov 18 #11
<b>USA</b>	WA	06/12/2018	WA Department of Agriculture	NK	NK	NK	NK	No	NK	NK	4 separate cases in the state	NK	None	Dec 18 #03

**STRANGLES (*Streptococcus equi*)**

<b>Country</b>	<b>Location</b>	<b>Report Date</b>	<b>Source</b>	<b>Age</b>	<b>Breed</b>	<b>Sex</b>	<b>Clinical Signs</b>	<b>Vaccinated</b>	<b>Sample</b>	<b>Test</b>	<b>Affected</b>	<b>In-Contacts</b>	<b>Additional Information</b>	<b>ICC report</b>
<b>Canada</b>	Ontario	25/10/2018	CAHSS	8	QH	M	Coughing, lethargy, pyrexia	No	NK	NK	1	NK	Quarantined	Oct 18 #12
<b>Canada</b>	New Brunswick	14/12/2018	Provincial Veterinary Service	NK	NK	NK	Inappetence, pyrexia	NK	NK	NK	3	2	One euthanased for unrelated reason	Dec 18 #07
<b>France</b>	Orne	01/10/2018	RESPE	3	French Trotter	NK	Coughing, LNE, ND, pyrexia	NK	NP swab	PCR	8	100	None	Oct 18 #01
<b>France</b>	Orne	01/10/2018	RESPE	3	NK	NK	Coughing, LNE, ND, pyrexia	NK	NP swab	PCR	2	NK	None	Oct 18 #01
<b>France</b>	Orne	05/10/2018	RESPE	NK	NK	NK	Abscessation	NK	Purulent discharge	Culture	1	NK	None	Oct 18 #03
<b>France</b>	Orne	05/10/2018	RESPE	NK	NK	NK	Abscessation	NK	NP swab	PCR	1	NK	None	Oct 18 #03
<b>France</b>	Calvados	09/10/2018	RESPE	NK	NK	NK	NK	NK	NP swab	Culture	1	NK	None	Oct 18 #04
<b>France</b>	Yvelines	09/10/2018	RESPE	NK	NK	NK	Coughing, ND, pyrexia	NK	NP swab	PCR	1	NK	Epidemiologically linked to ICC Sept 18 #10	Oct 18 #04
<b>France</b>	Pyrénées	16/10/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	2	NK	None	Oct 18 #04
<b>France</b>	Bouches-du-Rhône	16/10/2018	RESPE	8	FS	M	LNE, ND, pyrexia	NK	Purulent discharge	PCR	6	31	None	Oct 18 #04
<b>France</b>	Calvados	23/10/2018	RESPE	NK	NK	NK	NK	NK	Nasal swab	Culture	1	NK	None	Oct 18 #11
<b>France</b>	Bouches-du-Rhône	26/10/2018	RESPE	NK	NK	NK	NK	NK	Nasal swab	Culture	1	NK	None	Oct 18 #13
<b>France</b>	Orne	09/11/2018	RESPE	NK	NK	NK	Abscess	NK	Swab	Culture	1	NK	None	Nov 18 #04

<b>France</b>	Orne	19/12/2018	RESPE	NK	NK	NK	NK	NK	Guttural pouch lavage	PCR	1	NK	None	Nov 18 #08
<b>France</b>	Allier	19/12/2018	RESPE	NK	NK	NK	NK	NK	Nasal swab	PCR	1	NK	None	Nov 18 #08
<b>France</b>	Marne	22/11/2018	RESPE	3	French Trotter	M	Coughing, LNE, ND, pyrexia	NK	Purulent discharge	PCR	1	60	None	Nov 18 #10
<b>France</b>	Mayenne	29/11/2018	RESPE	NK	NK	NK	Abscess	NK	Swab	PCR	1	NK	None	Nov 18 #11
<b>France</b>	Orne	04/12/2018	RESPE	NK	NK	NK	NK	NK	Guttural pouch lavage	Culture	1	NK	None	Dec 18 #02
<b>France</b>	Isère	04/12/2018	RESPE	NK	NK	NK	LNE, ND, pyrexia	NK	Nasal swab	Culture	10	50	Laboratory positive also had an EHV-4 co-infection	Dec 18 #02
<b>France</b>	Val-de-Marne	06/12/2018	RESPE	NK	NK	NK	NK	NK	Guttural pouch lavage	PCR	1	NK	None	Dec 18 #02
<b>France</b>	Mayenne	07/12/2018	RESPE	6	French Trotter	M	Coughing, LNE, ND, pyrexia	NK	NP swab	PCR	2	80	Epidemiologically linked to ICC Nov 18 #11	Dec 18 #04
<b>France</b>	Orne	07/12/2018	RESPE	1	French Trotter	S	LNE, ND, pyrexia	NK	NP swab	PCR	4	80	None	Dec 18 #04
<b>France</b>	Indre-et-Loire	11/12/2018	RESPE	NK	NK	NK	NK	NK	NP swab	Culture	1	NK	None	Dec 18 #05
<b>France</b>	Vendée	11/12/2018	RESPE	NK	NK	NK	Abscess	NK	NP swab	PCR	1	NK	None	Dec 18 #05
<b>France</b>	Orne	11/12/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	1	NK	None	Dec 18 #05
<b>France</b>	Calvados	20/12/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	1	NK	None	Dec 18 #08
<b>France</b>	Calvados	20/12/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	1	NK	None	Dec 18 #08
<b>France</b>	Meuse	21/12/2018	RESPE	2 and 14	French Saddlebreds	NK	Coughing, ND, pyrexia	NK	NP swab	PCR	5	50	None	Dec 18 #08
<b>France</b>	Calvados	24/12/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	1	NK	None	Dec 18 #09
<b>France</b>	Calvados	28/12/2018	RESPE	NK	NK	NK	NK	NK	NP swab	PCR	2	NK	None	Dec 18 #10
<b>Switzerland</b>	NK	15/10/2018	Equinella	NK	NK	NK	NK	NK	NK	PCR	6	NK	None	Quarterly request
<b>Switzerland</b>	NK	27/10/2018	Equinella	NK	NK	NK	NK	NK	NK	PCR	NK	NK	None	Quarterly request
<b>Switzerland</b>	NK	05/11/2018	Equinella	NK	NK	NK	NK	NK	NK	PCR	1	NK	None	Quarterly request
<b>Switzerland</b>	NK	02/12/2018	Equinella	NK	NK	NK	NK	NK	NK	PCR	3	NK	None	Quarterly request
<b>USA</b>	MI	04/10/2018	MI Depart	3	QH	M	Cough, ND	NK	NK	NK	1	NK	None	Oct 18 #03

<b>USA</b>	WA	30/10/2018	ment of Agriculture WA Department of Agriculture	17	Arab	G	ND, pyrexia	NK	NK	Culture	1	1	Quarantined	Nov 18 #01
<b>USA</b>	MI	13/11/2018	Department of Agriculture MI Department of Agriculture	3	NK	M	ND, pyrexia	NK	NK	NK	1	NK	None	Nov 18 #06
<b>USA</b>	WA	28/11/2018	Department of Agriculture WA Department of Agriculture	NK	NK	NK	NK	NK	NK	NK	NK	NK	None	Nov 18 #11
<b>USA</b>	MI	12/12/2018	EDCC	4	Saddlebred	M	LNE, pyrexia	NK	NK	NK	2	2	None	Dec 18 #05
<b>USA</b>	RI	20/12/2018	RI State Veterinarian	2	Miniature	M	NK	NK	NP swab	PCR	1	0	Recently acquired	Dec 18 #08
<b>USA</b>	FL	26/12/2018	FL Department of Agriculture	NK	NK	NK	NK	NK	NK	Culture	13	18	None	Dec 18 #09
<b>USA</b>	FL	20/12/2018	FL Department of Agriculture	2	TB	NK	Respiratory distress	NK	NP swab	PCR	6	93	None	Dec 18 #09
<b>USA</b>	FL	20/12/2018	FL Department of Agriculture	NK	NK	NK	NK	NK	NK	Culture	2	28	None	Dec 18 #09
<b>USA</b>	FL	19/12/2018	FL Department of Agriculture	NK	NK	NK	NK	NK	NK	PCR	1	29	None	Dec 18 #09



## Neurological Diseases

## EQUINE HERPES VIRUS-1 (EHV-1) NEUROLOGICAL DISEASE

Country	Location	Report Date	Source	Age	Breed	Sex	Clinical Signs	Vaccinated	Sample	Test	Affected	In-Contacts	Additional Information	ICC Report
South Africa	Western Cape Province	Q4	SAEVA	NK	NK	NK	NK	NK	NK	NK	1	NK	None	Quarterly request
UK	SW England	09/11/2018	AHT	11	non-TB	M	Transient serous ND, recumbency 10days later	No	Tissue, blood	PCR, serology	1	7	Euthanased	Nov 18 #05
USA	AZ	19/10/2018	AZ State Veterinarian	1	NK	M	Neurological signs	NK	NK	NK	1	NK	One in contact displayed neurological signs but was negative to EHV when tested	Oct 18 #12
USA	CA	07/11/2018	CA Department of Agriculture	24	Arab	M	Neurological signs	NK	NK	NK	1	NK	Isolated	Nov 18 #03
USA	PA	07/12/2018	PA Veterinary Laboratory	NK	NK	NK	Hindlimb ataxia	NK	NK	NK	2	8	Neuropathogenic strain (G-strain). Both cases euthanased	Dec 18 #05
USA	IN	19/12/2018	IN State Veterinarian	9	Belgian	M	Ataxia, recumbency	NK	NP swab	PCR	3	NK	All improving	Dec 18 #09

## EASTERN EQUINE ENCEPHALITIS

Country	Location	Report Date	Source	Age	Breed	Sex	Clinical Signs	Vaccinated	Sample	Test	Affected	In-Contacts	Additional Information	ICC Report
USA	NY	Q4	Gluck Equine Research Center	NK	NK	NK	NK	NK	NK	NK	1	NK	A total of 3 cases diagnosed in NY state for Q4	Quarterly request

## RABIES

No reports

## WEST NILE VIRUS

Country	Location	Report Date	Source	Age	Breed	Sex	Clinical Signs	Vaccinated	Sample	Test	Affected	In-Contacts	Additional Information	ICC Report
Canada	Ontario	2 Oct to 11 Oct	Ontario Ministry of Agriculture, Food and Rural Affairs	NK	NK	M	Neurological signs	NK	NK	NK	1	NK	Euthanased	Oct 18 #07
Canada	Ontario	2 Oct to 11 Oct	Ontario Ministry of Agriculture, Food and Rural Affairs	NK	NK	M	Neurological signs	NK	NK	NK	1	NK	Recovered	Oct 18 #07

<b>Canada</b>	Ontario	2 Oct to 11 Oct	Ontario Ministry of Agriculture, Food and Rural Affairs	NK	NK	M	Neurological signs	NK	NK	NK	1	NK	Recovered	Oct 18 #07
<b>France</b>	Haute-Corse	04/10/2018	RESPE	NK	NK	NK	Ataxia, incoordination, paralysis	NK	Blood	Serology	1	NK	NK	Oct 18 #02
<b>France</b>	Gard	04/10/2018	RESPE	NK	NK	NK	Neurological signs	NK	Blood	Serology	1	NK	NK	Oct 18 #02
<b>France</b>	Bouches-du-Rhône	30/10/2018	RESPE	NK	NK	NK	NK	NK	Blood	ELISA	1	NK	None	Nov 18 #01
<b>Portugal</b>	Viana Do Alentejo	12/10/2018	OIE	NK	NK	NK	NK	NK	Blood	IgM Capture ELISA	1	7	None	Oct 18 #06
<b>Tunisia</b>	Sousse	07/12/2018	OIE	NK	NK	NK	Subclinical	NK	Blood	Seonutralisation test	7	NK	Diagnosed as part of an active investigation among equidae in the area following human cases in the region	Dec 18 #03
<b>Turkey</b>	Bursa	19/10/2018	OIE	NK	NK	NK	NK	NK	NK	PCR	1	NK	Died. Source thought to be related to migration of wild birds	Oct 18 #10
<b>USA</b>	OK	01/10/2018	OK Department of Agriculture	1	QH	M	Severe neurological signs	No	NK	NK	1	NK	None	Oct 18 #01
<b>USA</b>	IN	01/10/2018	EDCC	NK	NK	NK	Ataxia, facial twitching	No	NK	NK	1	NK	Recovering	Oct 18 #03
<b>USA</b>	CA	01/10/2018	CA Department of Agriculture	6	QH	G	Neurological signs	NK	NK	NK	1	NK	Euthanased	Oct 18 #05
<b>USA</b>	IA	02/10/2018	IA State Veterinarian	2	QH	M	Ataxia	No	NK	NK	1	NK	Recovering	Oct 18 #01
<b>USA</b>	IA	02/10/2018	IA State Veterinarian	4	QH	M	Ataxia	No	NK	NK	1	NK	Recovering	Oct 18 #02
<b>USA</b>	OK	03/10/2018	OK Department of Agriculture	6	QH	M	Moderate neurological signs	Yes	NK	NK	1	NK	None	Oct 18 #02
<b>USA</b>	WI	03/10/2018	WI Department of Agriculture	5	Tennessee Walking Horse	G	Severe neurological signs	No	NK	NK	1	NK	Euthanased	Oct 18 #02
<b>USA</b>	KY	03/10/2018	KY State Veterinarian	3	TB	M	Ataxia, facial twitching	No	NK	NK	1	NK	Euthanased	Oct 18 #03
<b>USA</b>	AR	04/10/2018	AR State Veterinarian	6	NK	G	Neurological signs	No	NK	NK	1	NK	None	Oct 18 #03
<b>USA</b>	AR	04/10/2018	AR State Veterinarian	6	QH	M	Neurological signs	NK	NK	NK	1	NK	None	Oct 18 #03
<b>USA</b>	CA	04/10/2018	CA Department of Agriculture	2	QH	M	Neurological signs	Yes	NK	NK	1	NK	Recovering	Oct 18 #05

USA	KY	05/10/2018	KY State Veterinarian	6	SB	M	Ataxia, recumbency	No	NK	NK	1	NK	Euthanased	Oct 18 #03
USA	VA	08/10/2018	VA Department of Agriculture	16	Tennessee Walking Horse	M	Ataxia, hindlimb paresis, pyrexia	No	NK	NK	1	NK	Recovering	Oct 18 #04
USA	NC	08/10/2018	NC Department of Agriculture	NK	NK	NK	NK	NK	NK	NK	1	NK	Recovering	Oct 18 #04
USA	NC	09/10/2018	NC Department of Agriculture	NK	NK	NK	Neurological signs	No	Blood	Serology	1	NK	None	Oct 18 #05
USA	NY	12/10/2018	NY Department of Agriculture	1	NK	M	NK	No	Blood	NK	1	NK	None	Oct 18 #07
USA	NY	12/10/2018	NY Department of Agriculture	13	NK	M	NK	No	Blood	NK	1	NK	None	Oct 18 #07
USA	NY	12/10/2018	NY Department of Agriculture	9	NK	G	NK	No	Blood	NK	1	NK	None	Oct 18 #07
USA	NY	12/10/2018	NY Department of Agriculture	7	NK	S	Ataxia	No	Blood	NK	1	NK	None	Oct 18 #07
USA	SC	15/10/2018	SC State Veterinarian	15	NK	M	NK	No	Blood	NK	1	Recovering	None	Oct 18 #07
USA	KY	17/10/2018	KY State Veterinarian	20	Tennessee Walking Horse	G	Ataxia, muscle fasciculations	No	NK	NK	1	NK	Recovering	Oct 18 #09
USA	KY	17/10/2018	KY State Veterinarian	17	Tennessee Walking Horse	M	Ataxia, muscle fasciculations	No	NK	NK	1	NK	Recovering	Oct 18 #09
USA	VA	17/10/2018	VA Department of Agriculture	22	Tennessee Walking Horse	G	Ataxia	No	Blood	IgM Capture ELISA	1	NK	Recovering	Oct 18 #10
USA	NY	10/10/2018	NY Department of Agriculture	14	NK	G	NK	No	Blood	Serology	1	NK	Improving	Oct 18 #11
USA	NY	10/10/2018	NY Department of Agriculture	11	NK	M	NK	No	Blood	Serology	1	NK	Improving	Oct 18 #11
USA	NY	10/10/2018	NY Department of Agriculture	37	NK	G	NK	No	Blood	Serology	1	NK	Euthanased	Oct 18 #11
USA	KY	10/10/2018	NY Department of Agriculture	5	Kentucky Mountain Horse	G	Inappetence, lethargy, muscle fasciculations	No	Blood	Serology	1	NK	Improving	Oct 18 #11
USA	DE	24/10/2018	DE State Veterinarian	6	Belgian	M	Neurological signs	No	NK	NK	1	NK	Improving	Oct 18 #12
USA	KY	24/10/2018	KY State Veterinarian	7	QH	M	Ataxia, no tongue tone, pyrexia	No	NK	NK	1	NK	Recovered	Oct 18 #12
USA	KY	26/10/2018	KY State Veterinarian	3	QH	G	Lethargy, hindlimb ataxia	NK	NK	NK	1	NK	Improving	Oct 18 #13
USA	DE	29/10/2018	DE State Veterinarian	1	SB	M	Ataxia, muscle fasciculations, recumbency	No	Blood	IgM Capture ELISA	1	NK	Euthanased	Nov 18 #01
USA	OH	29/10/2018	OH State Veterinarian	4	TB	G	Muscle fasciculations, recumbency	No	NK	Post -	1	NK	Euthanased	Nov 18 #01

<b>USA</b>	OH	29/10/2018	OH State Veterinarian	7	QH	G	Lethargy, recumbency	No	Blood	mort em IgM Capture ELISA	1	NK	Recovering	Nov 18 #01
<b>USA</b>	OH	29/10/2018	OH State Veterinarian	10	Paint	G	Recumbency	No	Blood	IgM Capture ELISA	1	NK	Died	Nov 18 #01
<b>USA</b>	OH	29/10/2018	OH State Veterinarian	7	Percheron	M	Recumbency	No	Blood	IgM Capture ELISA	1	NK	Died	Nov 18 #01
<b>USA</b>	OH	29/10/2018	OH State Veterinarian	16	Paint	G	Recumbency	No	Blood	IgM Capture ELISA	1	NK	Euthanased	Nov 18 #01
<b>USA</b>	KY	30/10/2018	KY State Veterinarian	5	Tennessee Walking Horse	M	Muscle fasciculations	No	NK	NK	1	NK	Euthanased	Nov 18 #01
<b>USA</b>	KY	30/10/2018	KY State Veterinarian	12	Tennessee Walking Horse	M	Ataxia, muscle fasciculations	No	NK	NK	1	NK	Improving	Nov 18 #01
<b>USA</b>	OK	31/10/2018	OK Department of Agriculture	3	QH	M	Severe neurological signs	No	NK	NK	1	NK	Euthanased	Nov 18 #01
<b>USA</b>	OK	31/10/2018	OK Department of Agriculture	1	QH	S	Moderate neurological signs	No	NK	NK	1	NK	NK	Nov 18 #01
<b>USA</b>	OK	31/10/2018	OK Department of Agriculture	12	WB	G	Severe neurological signs	Yes	NK	NK	1	NK	Euthanased	Nov 18 #01
<b>USA</b>	OK	31/10/2018	OK Department of Agriculture	2	QH	G	Severe neurological signs	NK	NK	NK	1	NK	Euthanased	Nov 18 #01
<b>USA</b>	OK	31/10/2018	OK Department of Agriculture	3	Clydesdale x Hackney	M	Mild neurological signs	Yes	NK	NK	1	NK	NK	Nov 18 #01
<b>USA</b>	OK	31/10/2018	OK Department of Agriculture	2	QH	M	Severe neurological signs	No	NK	NK	1	NK	Recovering	Nov 18 #01
<b>USA</b>	VA	01/11/2018	VA Department of Agriculture	8	Holsteiner	NK	Mild ataxia, behaviour change, skin twitching	Yes	Blood	IgM Capture ELISA	1	NK	Recovered	Nov 18 #02
<b>USA</b>	GA	02/11/2018	GA Department of Agriculture	NK	NK	NK	NK	NK	NK	NK	1	NK	None	Nov 18 #02
<b>USA</b>	GA	02/11/2018	GA Department of Agriculture	NK	NK	NK	NK	NK	NK	NK	1	NK	None	Nov 18 #02
<b>USA</b>	GA	02/11/2018	GA Department of Agriculture	NK	NK	NK	NK	NK	NK	NK	1	NK	None	Nov 18 #02
<b>USA</b>	SC	04/11/2018	SC Department	6	TB	G	NK	Yes	NK	NK	1	NK	Recovering	Nov 18 #02

of Agriculture															
USA	TN	05/11/2018	Office of the TN State Veterinarian	10	QH	G	NK	NK	Blood	IgG/IgM ELISA	1	NK	None	Nov 18 #02	
USA	TN	05/11/2018	Office of the TN State Veterinarian	14	QH	G	NK	NK	Blood	IgG/IgM ELISA	1	NK	None	Nov 18 #02	
USA	TN	05/11/2018	Office of the TN State Veterinarian	NK	Tennessee Walking Horse	G	NK	NK	Blood	IgG/IgM ELISA	1	NK	None	Nov 18 #02	
USA	TN	05/11/2018	Office of the TN State Veterinarian	4	TB	M	NK	NK	Blood	IgG/IgM ELISA	1	NK	None	Nov 18 #02	
USA	TN	05/11/2018	Office of the TN State Veterinarian	NK	NK	NK	NK	NK	Blood	IgM Capture ELISA	1	NK	None	Nov 18 #02	
USA	TN	05/11/2018	Office of the TN State Veterinarian	NK	NK	NK	NK	NK	Blood	IgM Capture ELISA	1	NK	None	Nov 18 #02	
USA	TN	05/11/2018	Office of the TN State Veterinarian	9	Tennessee Walking Horse	M	NK	NK	NK	PCR	1	NK	None	Nov 18 #02	
USA	TN	05/11/2018	Office of the TN State Veterinarian	7	Mixed breed	G	NK	NK	Blood	IgM Capture ELISA	1	NK	None	Nov 18 #02	
USA	TN	05/11/2018	Office of the TN State Veterinarian	3	Pony	M	NK	NK	Blood	IgM Capture ELISA	1	NK	None	Nov 18 #02	
USA	CA	02/11/2018	CA Department of Agriculture	1	NK	M	Neurological signs	NK	NK	NK	1	NK	Euthanased	Nov 18 #03	
USA	TN	06/11/2018	TN State Veterinarian	8	Tennessee Walking Horse	NK	NK	NK	Blood	IgM Capture ELISA	1	NK	None	Nov 18 #03	
USA	TX	15/11/2018	NC Department of Agriculture	NK	NK	NK	NK	NK	NK	NK	1	NK	None	Nov 18 #07	
USA	KY	14/11/2018	KY Department of Agriculture	7	Percheron	G	Hindlimb ataxia, muscle fasciculations	No	NK	NK	1	NK	Recovering	Nov 18 #06	

<b>USA</b>	TN	26/11/2018	TN Department of Agriculture	8	Saddlebred	M	NK	Yes	Blood	IgM Capture ELISA	1	NK	None	Nov 18 #11
<b>USA</b>	TN	26/11/2018	TN Department of Agriculture	7	Tennessee Walking Horse	G	NK	NK	Blood	IgM Capture ELISA	1	NK	None	Nov 18 #11
<b>USA</b>	SC	11/12/2018	SC State Veterinarian	1	NK	M	NK	No	NK	PCR	1	NK	Euthanased	Dec 18 #05

### Miscellaneous Diseases

#### AFRICAN HORSE SICKNESS

No Reports

#### EQUINE INFECTIOUS ANAEMIA

Country	Location	Report date	Source	Age	Breed	Sex	Clinical Signs	Sample	Test	Affected	In-Contacts	Additional Information	ICC report
<b>Canada</b>	Alberta	02/11/2018	CFIA	NK	NK	NK	Subclinical	NK	NK	1	NK	Investigation underway	Nov 18 #03
<b>Canada</b>	Alberta	21/11/2018	CFIA	NK	NK	NK	Subclinical	NK	NK	1	NK	Euthanased	Dec 18 #01
<b>Canada</b>	British Columbia	07/12/2018	CFIA	NK	NK	NK	Subclinical	NK	NK	1	NK	Testing requested by owner as exposure to EIA suspected	Dec 18 #05
<b>France</b>	Vaucluse	04/12/2018	RESPE	6	NK	NK	Subclinical	Blood	Serology	1	NK	One other horse on premises with clinical signs of EI and epi link with a previous outbreak	Dec 18 #02
<b>USA</b>	CO	28/09/2018	CO Department of Agriculture	7	QH	M	Anaemia, weightloss	NK	NK	1	17	Euthanased	Oct 18 #01
<b>USA</b>	CO	06/11/2018	CO Department of Agriculture	NK	NK	NK	Subclinical	NK	NK	1	NK	None	Nov 18 #03
<b>USA</b>	TX	16/11/2018	TAHC	NK	NK	NK	Subclinical	NK	NK	1	NK	Euthanased. Premises has had a total of three positive cases (ICC June 18 #09)	Nov 18 #07
<b>USA</b>	TX	16/11/2018	TAHC	NK	QH	NK	Subclinical	NK	NK	1	NK	Euthanased	Nov 18 #07
<b>USA</b>	TX	16/11/2018	TAHC	NK	QH	NK	Subclinical	NK	NK	1	NK	Euthanased	Nov 18 #07
<b>USA</b>	CO	04/12/2018	CO Department of Agriculture	NK	NK	NK	Subclinical	NK	NK	1	NK	Tested for routine movement	Dec 18 #02

**HENDRA VIRUS**

No reports

**GLANDERS (*Burkholderia mallei*)**

No reports

**POTOMAC HORSE FEVER (*Neorickettsia risticii*)**

No reports

**List of abbreviations**

NK Not Known

**Signalment**→ FS French Saddlebred, QH Quarter Horse, SB Standardbred, TB Thoroughbred, WB Warmblood, G Gelding, S Stallion, M Mare

**Clinical signs**→ BAL Bronchoalveolar Lavage ND Nasal discharge, LNE Lymph node enlargement

**Diagnostic testing**→ PCR Polymerase chain reaction, NP Nasopharyngeal

**Sources of information**→ AHT Animal Health Trust, CFIA Canadian Food Inspection Agency, EDCC Equine Disease Communication Center, EFPB Equi Focus Point Belgium, HHLHSC Hokkaido Hidaka Livestock Hygiene Service Centre, HTLHSC Hokkaido Tokachi Livestock Hygiene Service Centre, INTA Instituto Nacional de Tecnologia Agropecuaria, MDAD MI Department of Agriculture and Rural Development, ODA Oregon Department of Agriculture, OIE World Organisation for Animal Health, OMFRA Ontario Ministry of Agriculture, Food and Rural Affairs RESPE Réseau d'Épidémiologie-Surveillance en Pathologie Equine, TAHC Texas Animal Health Commission