



# Official Rabies notification. WAHIS

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**MEEREB**

**Veyrier-du-Lac**

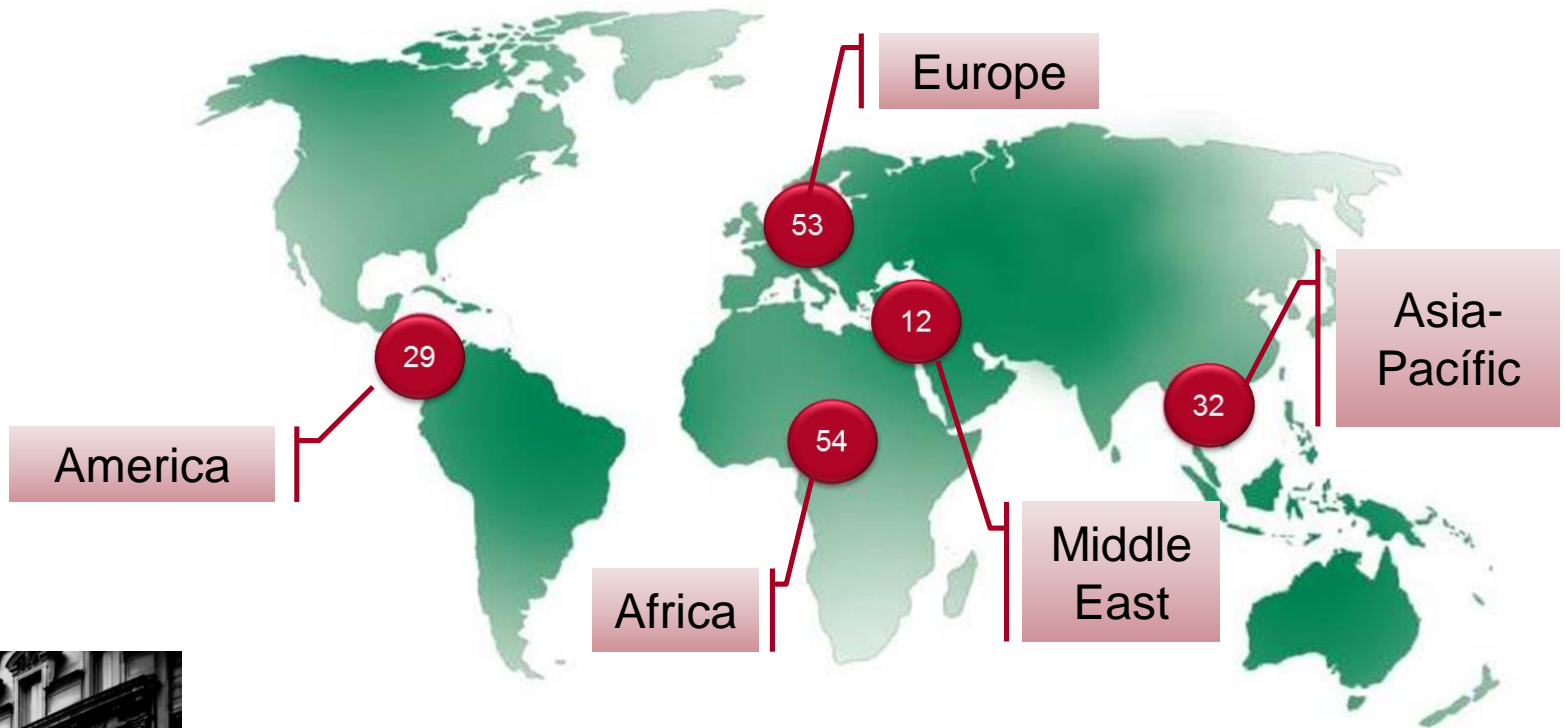
**France**

**23-25 April 2018**

# Why to notify rabies?

If not officially reported it 'does not exist'

# The World Organisation for Animal Health (OIE)



Funded in 1924  
5 regions 181 countries

# The OIE mandate



- Transparency (WAHIS)
- International Standards and Guidelines
- International Solidarity
- Strengthen Veterinary Services
- Food security
- Animal Welfare

# OIE List of notifiable diseases

- Terrestrial Code Chapter 1.1. on disease notification
  - Veterinary Authorities **shall** notify to the OIE the occurrence of absence of diseases
  - Frequency: 24 hours, six monthly and annual report
- Chapter 1.2.: Criteria for the inclusion of diseases, infections and infestations in the OIE list
- Terrestrial Code Chapter 1.3. on Disease, infections and infestations listed by the OIE  
116 Terrestrial Animal Diseases.

Notification is the **ONLY** obligation we **ALL** agreed

[http://www.oie.int/index.php?id=169&L=0&htmfile=chapitre\\_criteria\\_diseases.htm](http://www.oie.int/index.php?id=169&L=0&htmfile=chapitre_criteria_diseases.htm)

# National Focal Points

**APPOINTED** by the Delegate  
for each of the following 8 areas:

**Aquatic animal diseases**

**Wildlife**

**Animal disease notification**

**Veterinary products**

**Communication**

**Animal welfare**

**Animal production food  
safety**

**Veterinary Laboratories**

# More than 90 years experience in disease data collection and sharing



1924s

Governments notify by telegram the first cases of Rinderpest and foot and mouth disease to the OIE



2005

All Member Countries are connected **online** to a central server (WAHIS)

2016

WAHIS Alerts



TRANSPARENCY, EFFICIENCY, SPEED

# Types of reports

## OIE's early warning system

- Immediate notification (24 hours)
- Weekly reports
- Monthly reports
- Final report
  - if the outbreaks have ended
  - if the situation becomes endemic

## OIE's monitoring system

- Six-monthly report
- Annual report (disease/other info)
- Wild annual reports (since 2012)



# Notification of rabies to the OIE

## The case definition

Terrestrial Code. Article 8.14.1.

For the purposes of the Terrestrial Code:

- a case is any animal infected with rabies virus (former classical rabies virus);
- dog-mediated rabies is defined as any infection with rabies virus maintained in the dog population independently of other animal species, as determined by epidemiological studies; (draft chapter)

Standards for diagnostic tests and vaccines are described in the Terrestrial Manual.

# Questions?



1. If European bat lyssaviruses type-1 (EBLV1) is isolated in a bat. Should it be reported to the OIE?
2. If European bat lyssaviruses type-1 (EBLV1) is isolated a dog. Should it be reported to the OIE?

# Immediate notification (example)



Rabies,  
Hungary

Print  
Close

Information received on 06/03/2017 from Dr Lajos Bognár, Deputy State Secretary Chief Veterinary Officer, Food Chain Safety Department, Ministry of Agriculture, Budapest, Hungary

## Summary

Report type	Immediate notification (Final report)
Date of start of the event	27/02/2017
Date of confirmation of the event	03/03/2017
Report date	06/03/2017
Date submitted to OIE	06/03/2017
Date event resolved	03/03/2017
Reason for notification	Recurrence of a listed disease
Date of previous occurrence	15/02/2016
Manifestation of disease	Clinical disease
Causal agent	Rabies virus
Serotype	RABV
Nature of diagnosis	Clinical, Laboratory (basic), Laboratory (advanced)
This event pertains to	a defined zone within the country

# Immediate notification (example)

## New outbreaks (1)

<b>Outbreak 1</b>	Bekecs, Borsod-Abauj-Zemplen					
<b>Date of start of the outbreak</b>	27/02/2017					
<b>Outbreak status</b>	Resolved (03/03/2017)					
<b>Epidemiological unit</b>	Village					
<b>Affected animals</b>	<b>Species</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Killed and disposed of</b>	<b>Slaughtered</b>
	Red Fox:Vulpes vulpes(Canidae)		1	1	0	0

<b>Summary of outbreaks</b>	Total outbreaks: 1					
<b>Total animals affected</b>	<b>Species</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Killed and disposed of</b>	<b>Slaughtered</b>
	Red Fox:Vulpes vulpes(Canidae)		1	1	0	0
<b>Outbreak statistics</b>	<b>Species</b>	<b>Apparent morbidity rate</b>	<b>Apparent mortality rate</b>	<b>Apparent case fatality rate</b>	<b>Proportion susceptible animals lost*</b>	
	Red Fox:Vulpes vulpes(Canidae)	**	**	100.00%	**	
*Removed from the susceptible population through death, destruction and/or slaughter						
**Not calculated because of missing information						

## Epidemiology

<b>Source of the outbreak(s) or origin of infection</b>	Contact with wild species
<b>Epidemiological comments</b>	The area of finding is inside the area to be orally vaccinated during the next spring campaign between 1st and 12th April.

# Immediate notification (example)

## Control measures

Measures applied	Disinfection Official disposal of carcasses, by-products and waste Vaccination permitted (if a vaccine exists) No treatment of affected animals
Measures to be applied	No other measures

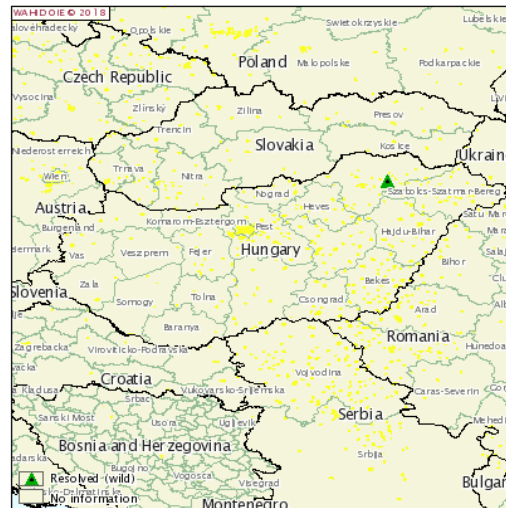
## Diagnostic test results

Laboratory name and type	Species	Test	Test date	Result
National Food Chain Safety Office (NFCSO), Animal Health Directorate (AHDD) (National laboratory)	Red Fox	histopathological examination	03/03/2017	Negative
National Food Chain Safety Office (NFCSO), Animal Health Directorate (AHDD) (National laboratory)	Red Fox	polymerase chain reaction (PCR)	03/03/2017	Positive

## Future Reporting

The event is resolved. No more reports will be submitted.

## Map of outbreak locations



# The 6 monthly report (example)


**WAHIS Interface** Animal Health Information  
Information zoosanitaire  
Información Zoosanitaria

OIE Home Page  
English | Français | Español

WAHIS Interface Country information Disease information Disease control measures Data between 1996 and 2004 World Animal Health

> Info by Country/Territory Choose by: Single country Region: Entire World Country: Malaysia

## OIE reporting history : Malaysia

Click on a  to see the report details.

Year	Semester 1	Semester 2	Annual
2005			
2006			
2007			
2008			
2009			
2010			
2011			
2012			
2013			
2014			
2015			
2016			
2017			
2018			

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- Summary of disease situation (absence/presence)
- Total of new/old(active) cases
- Species affected
- Administrative unit
- # of animals
  - Susceptible
  - Cases
  - Death/Kill Disposal
  - Vaccinated
- Control measures (vaccination)

# The annual report (example)

**WAHIS Interface** Animal Health Information  
Information zoosanitaire  
Información Zoonitaria

OIE Home Page  
English | Français | Español

WAHIS Interface Country information Disease information Disease control measures Data between 1996 and 2004 World Animal Health

> Info by Country/Territory Choose by: Single country ▼ Region: Entire World ▼ Country: Kenya ▼

## Zoonotic diseases in humans

This page shows human cases of zoonoses for the selected country.

Year: 2015 ▼

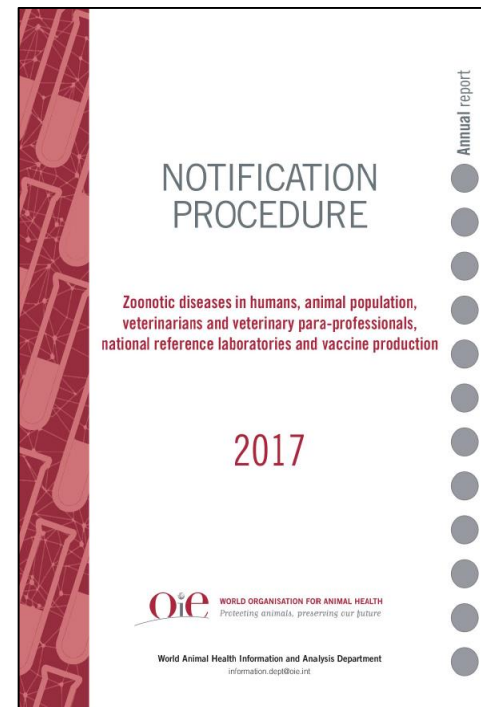
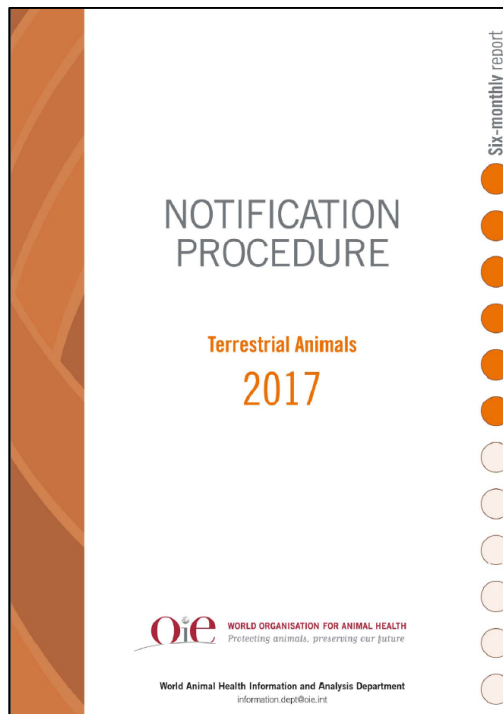
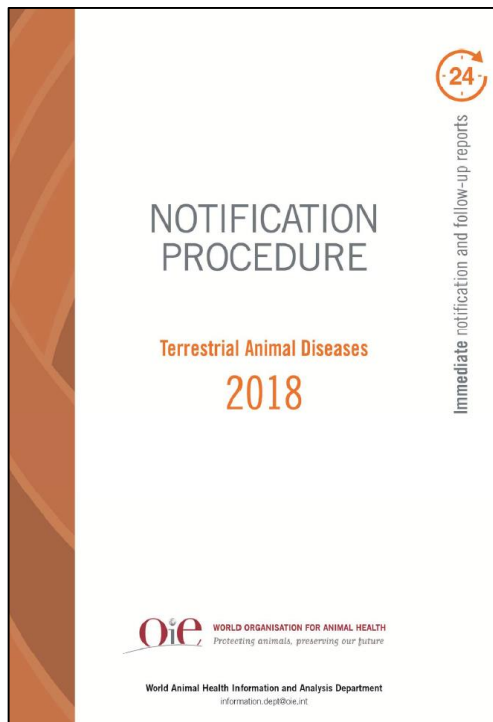
> [Kenya](#)

## Kenya

Disease	Cases	Deaths
Brucellosis	98003	0
Anthrax	11	0
Echinococcosis/hydatidosis	+	+
Leptospirosis	+	+
Rabies	+	+
Bovine tuberculosis	+	+
Toxoplasmosis	+	+
Salmonellosis (S. enteritidis, S. typhimurium)	+	+
Trypanosomosis, human African (sleeping sickness)	+	+

- Summary of disease occurrence/absence
- General info
  - ✓ Veterinary Services capabilities
  - ✓ Vaccine production
  - ✓ National labs' capabilities
  - ✓ Animal population figures
  - ✓ Human cases

# Notification procedures



[information.dept@oie.int](mailto:information.dept@oie.int)



# WAHIS is becoming WAHIS+

- Completely redesigned platform
- User friendly interface
- Data extraction and analytical tools (including GIS)
- Connectivity with other database
- Links between epi data, including genomic data, and other data sources (climate, human)
- Deadline 2020.



# Conclusion

- If not officially reported disease 'does not exist'
- Political will
- Resource mobilization
- Inform decision makers and programme managers
- Transparency

# Thank you for your attention



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