

*Seminar for OIE National Focal Points for Aquatic  
Animals  
Accra, Ghana  
20-22 March 2012*



# **OIE listed diseases, criteria for listing, notification and reporting obligations**

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Deputy Head, International Trade Department  
OIE, Paris

# GENERAL MANDATE OF THE OIE

General mandate of the OIE:  
*to improve animal health worldwide*

One of the OIE's main objectives



***To ensure transparency in the global animal disease situation, including for zoonosis***



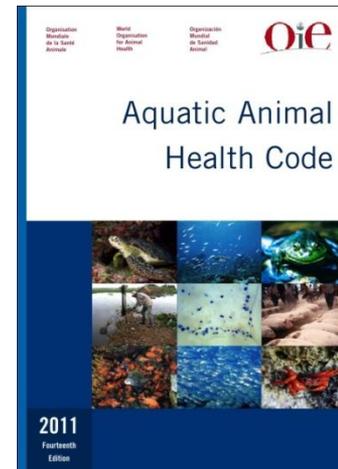
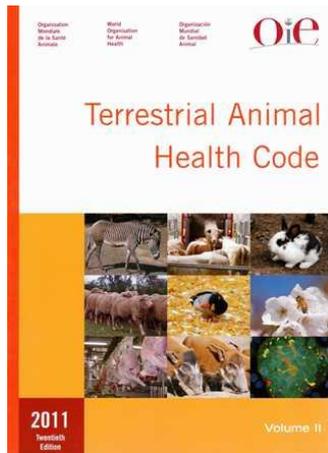


# OBLIGATION FOR NOTIFICATION

By joining the OIE, a Member agrees to fulfil its **international commitment to notify to the OIE** as laid down in the Chapters 1.1. of the OIE's *Terrestrial and Aquatic Codes* 'Notification and Epidemiological Information'

## Article 1.1.2.

'Members **shall make available** to other Members, through the OIE, whatever **information** is necessary to minimise the spread of important animal diseases and to assist in achieving better worldwide control of these diseases'



# OIE list of aquatic animal diseases (2011)

26 aquatic animals diseases listed by OIE:

- 2 diseases of amphibians
- 8 diseases of crustaceans
- 9 diseases of fish
- 7 disease of molluscs



- Notification and reporting requirements apply to all listed diseases and any new emerging diseases;
- Notification and reporting obligations for new disease listing enters into force on 1<sup>st</sup> January the following year.

# NOTIFIABLE DISEASES LISTED BY THE OIE (Ch 1.3.)

## CHAPTER 1.3.

### DISEASES LISTED BY THE OIE

**Preamble:** The following *diseases* are listed by the OIE according to the criteria for listing an *aquatic animal disease* (see Article 1.2.1.) or criteria for listing an *emerging aquatic animal disease* (see Article 1.2.2.).

In case of modifications of this list of *aquatic animal diseases* adopted by the General Assembly, the new list comes into force on 1 January of the following year.

#### Article 1.3.1.

The following *diseases* of fish are listed by the OIE:

- Epizootic haematopoietic necrosis
- Epizootic ulcerative syndrome
- Gyrodactylosis (*Gyrodactylus salaris*)
- Infectious haematopoietic necrosis
- Infectious salmon anaemia
- Koi herpesvirus disease
- Red sea bream iridoviral disease
- Spring viraemia of carp
- Viral haemorrhagic septicaemia.

#### Article 1.3.2.

The following *diseases* of molluscs are listed by the OIE:

- Infection with abalone herpes-like virus
- Infection with *Bonamia ostreae*
- Infection with *Bonamia exitiosa*
- Infection with *Marteilia refringens*

Organisation  
Mondiale  
de la Santé  
Animale

World  
Organisation  
for Animal  
Health

Organización  
Mundial  
de Sanidad  
Animal



## Aquatic Animal Health Code



2011  
Fourteenth  
Edition



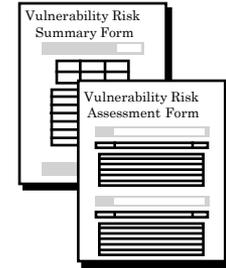
# Diseases listed by OIE

How is it decided which diseases to list in the *Aquatic Code*?

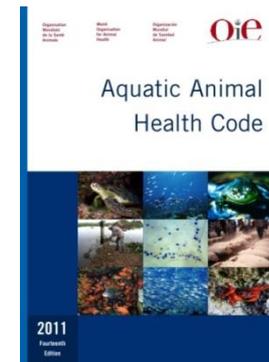
# Aquatic Animal Diseases Listed by the OIE

- The list is reviewed annually by the Aquatic Animals Commission and recommendations for deletions and additions are proposed to OIE Members;
- Amendments to disease list are adopted at OIE General Session in May.

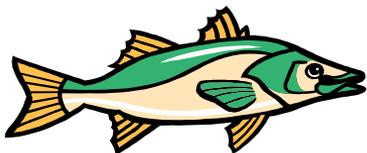
# Criteria for listing an aquatic animal disease (Article 1.2.1.)



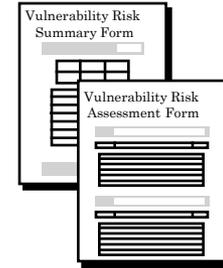
- Significant production losses / negative affect on wild populations / zoonotic
- Infectious aetiology proven / strong association
- Capacity for international spread
- Diagnostic methods exist



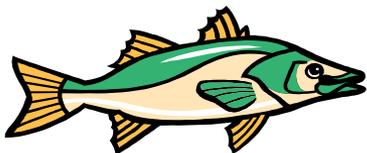
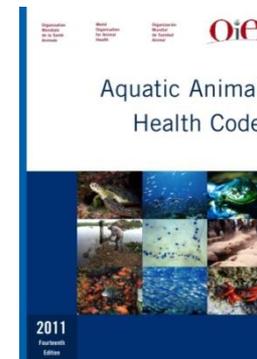
**NOTE:** In the *Aquatic Code*, '**disease**' means clinical or non clinical infection with ne or more aetiological agents



# Criteria for listing an emerging aquatic animal disease (Article 1.2.2.)



- Ensures reporting of an emerging disease to ensure gathering of epidemiological information
- This information can then help in the decision as to whether to list the disease



**AQUATIC ANIMAL DISEASE REPORTING:  
ENSURING TRANSPARENCY**

# OIE list of aquatic animal diseases

- A key purpose of listing a disease in the *Aquatic Code* is to **ensure transparency** of the aquatic animal health status world-wide, by obliging Member Countries to report its occurrence to OIE.
- The OIE **collates and disseminates** the information received in reports on the status of those listed diseases in Member Countries (WAHIS and WAHID).

# TYPES OF REPORTS

## OIE's early warning system

International alert messages

**Rapid response**

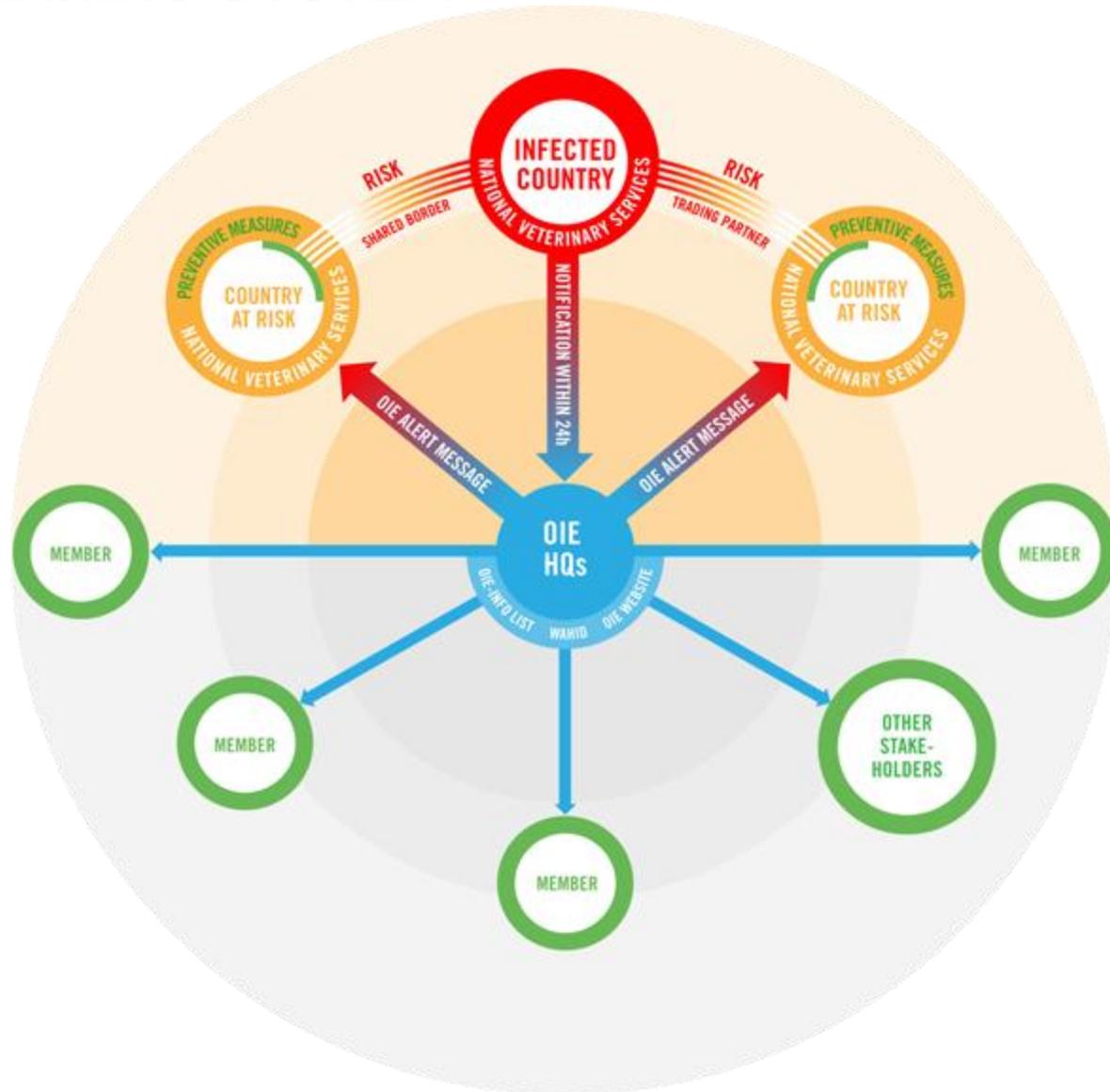
## OIE's monitoring system

To monitor OIE Listed diseases  
(**presence or absence**) over time

- **Immediate notification**  
of disease, infection or unusual epidemiological events
- **Weekly reports**  
Follow-ups to the immediate notification
- **Final report**
  - if the outbreaks have ended
  - if the situation becomes endemic

- **Six-monthly report**
- **Annual report**

# EARLY WARNING SYSTEM



# WORLD ANIMAL HEALTH INFORMATION SYSTEM (WAHIS)

WAHIS is the OIE's world animal health information system.

An access (login, password) is given to each Delegate.

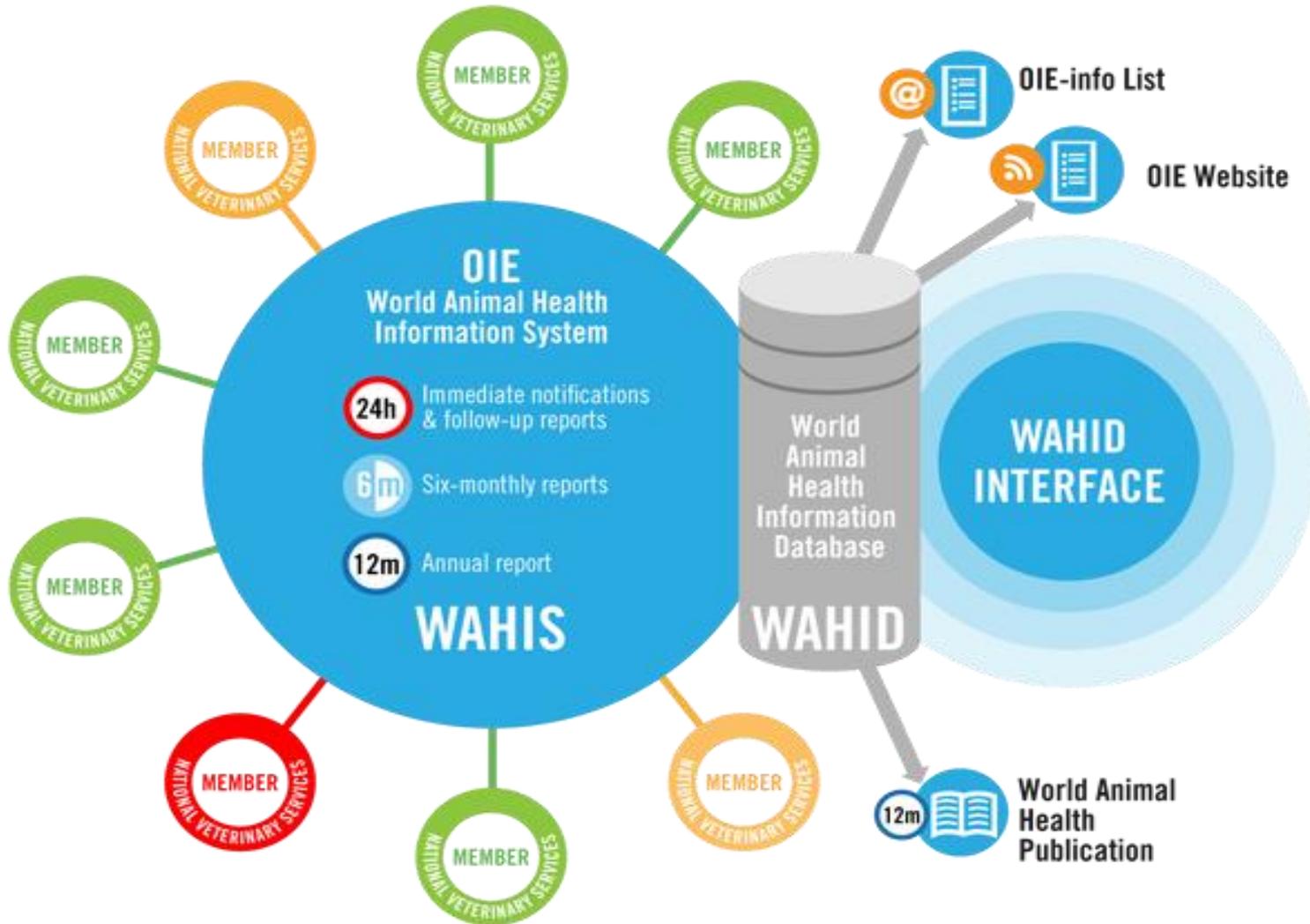
He/she has the possibility to create an access to his/her nominees.

URL address:

[www.oie.int/wahis](http://www.oie.int/wahis)



# WORLD ANIMAL HEALTH INFORMATION SYSTEM (WAHIS)



# WORLD ANIMAL HEALTH INFORMATION DATABASE : WAHID

<http://www.oie.int/wahid>

Home: OIE - World Organisation for Animal Health - Windows Internet Explorer

http://www.oie.int/en/

Fichier Edition Affichage Favoris Outils ?

Favorites Banque Centrale de Tunisi... Main Menu - OIE World A... Sites suggérés Plus de compléments...

Home: OIE - World Organisation for Animal Health Accueil Flux (0) Lire le courrier Imprimer Page Sécurité Outils Aide

Font size: - AAA+ Language: Français English Español

Keywords Search

Home About us Our scientific expertise Support to OIE members Animal health in the World International Standard Setting Animal welfare Food safety Publications and documentation

**Press Releases**

- > The world is free from rinderpest: OIE completed global free status recognition
- > No more deaths from rinderpest
- > Shortage in number of veterinarians is a major constraint to world food security and safety

+ View all press releases

**For the media**

Access all media resources

**Alerts - Disease Information**

26.05.11: White spot disease in Brunei Darussalam

- + Latest news on animal diseases
- + World Animal Health Information Database (WAHID)
- + Disease distribution maps

**Editorial**

**The Odyssey of Rinderpest Eradication**

1924 and 2011 represent two milestones, both related to the global fight against rinderpest, one of the most dreaded animal diseases in history.

+ More

+ View all editorials

**Publications and documentation**

- > Online Bookshop
- > Scientific and Technical Review

**Most recent issues:**

- \* Invasive species – Part 1: general aspects and biodiversity, Vol. 29 (1), April 2010
- \* Invasive species – Part 2: concrete examples, Vol. 29 (2), August 2010

+ Bulletins online

+ Document database

**Specific issues**

**Animal welfare**

**Vademecum**

**VADEMECUM**  
For the Delegates

**Food safety**

**Our scientific expertise**

**Current Issues**

- > Bioterrorism
- > FAO-OIE-WHO Concept Note on health risks at human-animal interface
- > Notification of animal and human diseases Global legal basis
- > List of antimicrobials of veterinary importance

+ All current issues

**OIE World Conferences**

- > 22-27 May 2011  
79th OIE General Session  
Paris (France)
- > 28-30 June 2011  
OIE Global Conference on Aquatic Animal Health Program  
Panama
- > 7-9 September 2011  
Global Conference on Rabies Control  
Incheon-Seoul (Republic of Korea)

+ View all OIE World Conferences

+ Other OIE Key Events

+ Other Key Events

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Internet | Mode protégé : désactivé

100%

# DISEASE DISTRIBUTION MAPS

WAHID Interface - OIE World Animal Health Information Database - Mozilla Firefox

Eichier Édition Affichage Historique Marque-pages Outils ?

http://web.oie.int/wahis/public.php?page=disease\_status\_map&empty=99999

WAHID Interface - OIE World Animal He... +

## WAHID Interface

Animal Health Information  
Information zoosanitaire  
Información Zoonitaria

OIE Home Page

**Country information**

**Disease information**

Immediate notifications and Follow-ups

Weekly Disease Information

Report archive

Disease outbreak maps

Disease distribution maps

Detailed country (ies) disease incidence

Lists of countries by sanitary situation

Disease timelines

General Disease Information

**Disease control measures**

**Countries sanitary situation comparison**

**Data between 1996 and 2004**

**WAHID home page**

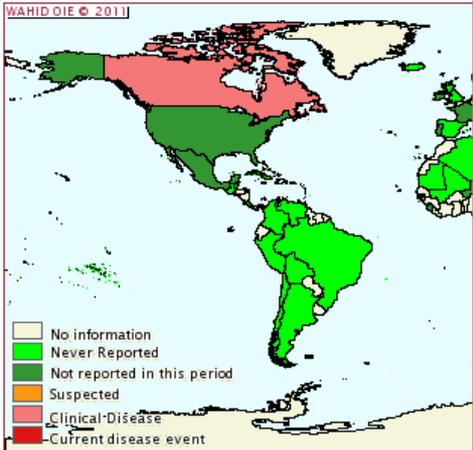


Choose Disease:  Terrestrial: --- Terrestrial ---  
 Aquatic: Epizootic ulcerativ

Choose serotype: none ▾

By six-month period  By Month Year: 2010

### Disease distribution maps



Click on map to zoom in.

User Feedback Email the support team if you have a comment on this system.

Oie World Animal Health Information Database (WAHID) - Version: 1.4  
Copyright © World Organisation for Animal Health (OIE) 2009  
Release date: 20th November 2009

WAHID Interface - OIE World Animal Health Information Database - Mozilla Firefox

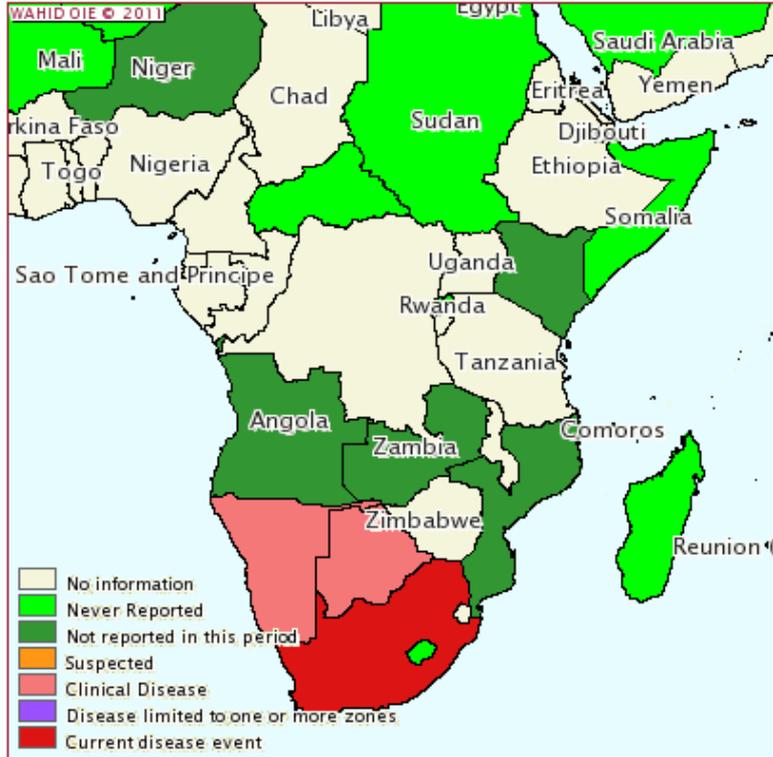
http://web.oie.int/wahis/public.php

## WAHID Interface

Animal Health Information  
Information zoosanitaire  
Información Zoonitaria

### Disease distribution maps: Epizootic ulcerative syndrome

Click on the map to recentre it



The page took 1 second to load. Scale 1 : 108 000 000 (approx)

# DISEASE DISTRIBUTION MAPS

WAHID Interface - OIE World Animal Health Information Database - Mozilla Firefox

Fichier Édition Affichage Historique Marque-pages Outils ?

http://web.oie.int/wahis/public.php?page=disease\_status\_map&empty=99999

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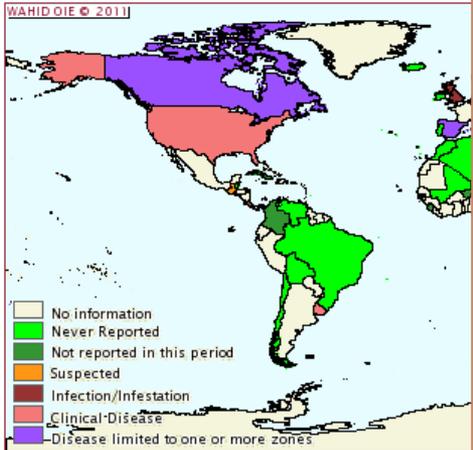


Choose Disease:  Terrestrial: --- Terrestrial ---  
 Aquatic: Infection with Bat

Choose serotype: none

By six-month period  By Month Year: 2010

**Disease distribution maps**



Legend:

- No information
- Never Reported
- Not reported in this period
- Suspected
- Infection/Infestation
- Clinical Disease
- Disease limited to one or more zones

Click on map to zoom in.

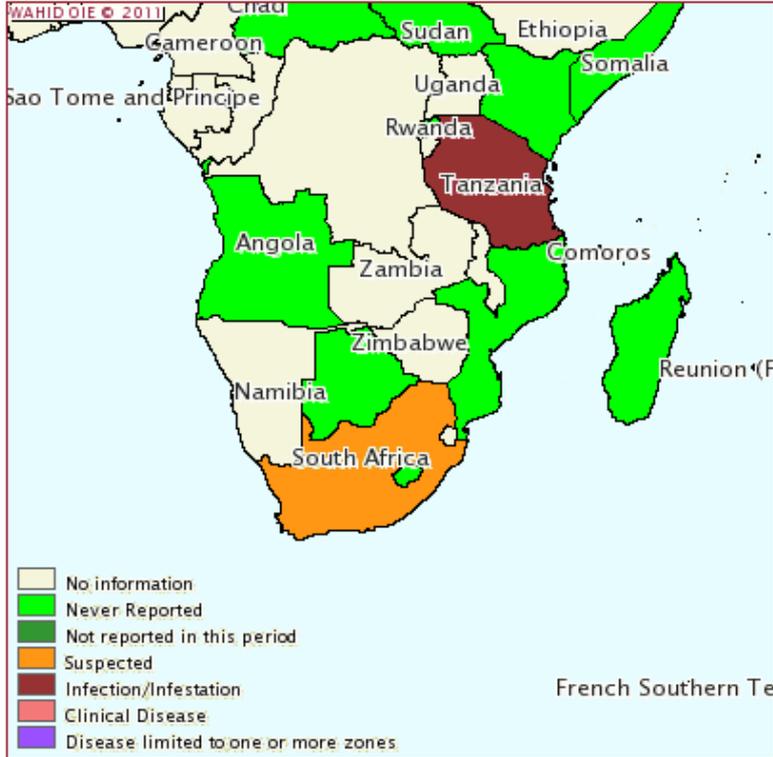
WAHID Interface - OIE World Animal Health Information Database - Mozilla Firefox

http://web.oie.int/wahis/public.php

**WAHID Interface** Animal Health Information  
Information zoonitaire  
Información Zoonitaria

**Disease distribution maps: Infection with *Batrachochytrium dendrobatidis***

Click on the map to recentre it



Legend:

- No information
- Never Reported
- Not reported in this period
- Suspected
- Infection/Infestation
- Clinical Disease
- Disease limited to one or more zones

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# DISEASE DISTRIBUTION MAPS

WAHID Interface - OIE World Animal Health Information Database - Mozilla Firefox

Fichier Édition Affichage Historique Marque-pages Outils ?

http://web.oie.int/wahis/public.php?page=disease\_status\_map&empty=99999

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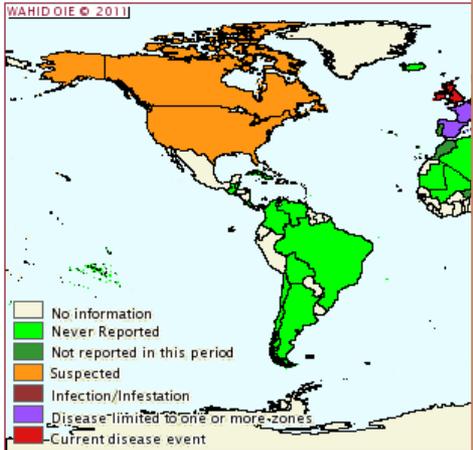


Choose Disease:  Terrestrial: --- Terrestrial ---  
 Aquatic: Infection with Bonamia

Choose serotype: none

By six-month period  By Month Year: 2010

**Disease distribution maps**



Legend:

- No information
- Never Reported
- Not reported in this period
- Suspected
- Infection/Infestation
- Disease limited to one or more zones
- Current disease event

Click on map to zoom in.

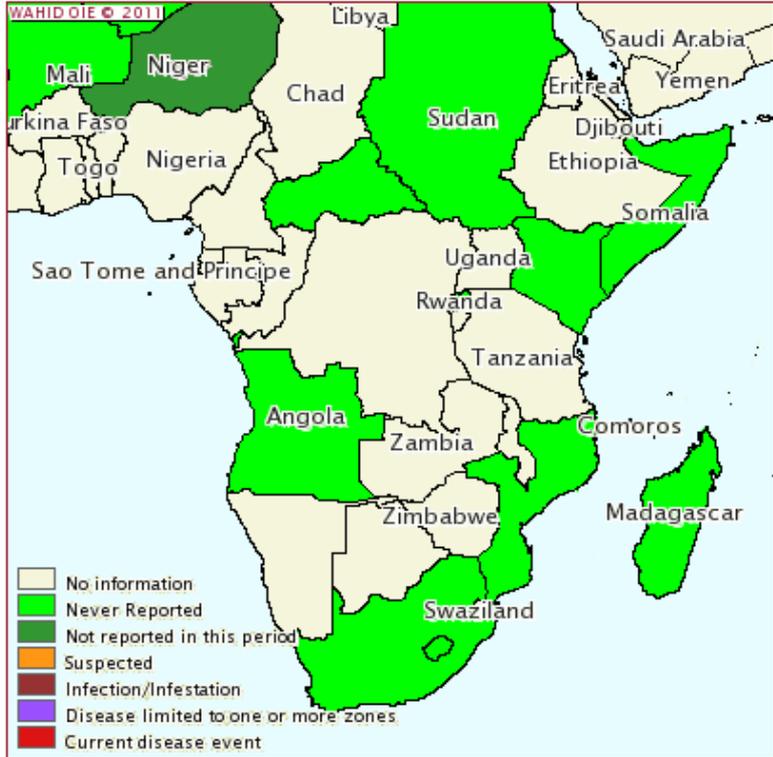
WAHID Interface - OIE World Animal Health Information Database - Mozilla Firefox

http://web.oie.int/wahis/public.php

**WAHID Interface** Animal Health Information  
Information zoonitaire  
Información Zoonitaria

**Disease distribution maps: Infection with Bonamia ostreae**

Click on the map to recentre it



Legend:

- No information
- Never Reported
- Not reported in this period
- Suspected
- Infection/Infestation
- Disease limited to one or more zones
- Current disease event

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# DISEASE OUTBREAK MAPS

WAHID Interface - OIE World Animal Health Information Database - Mozilla Firefox

Fichier Édition Affichage Historique Marque-pages Outils ?

http://web.oie.int/wahis/public.php?selected\_start\_day=1&selected\_start\_month=1&selected\_start\_year=2007&selected\_end\_day=30&selected\_end...

WAHID Interface - OIE World Animal He...

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Choose Disease:  Terrestrial: --- Terrestrial ---

Aquatic: Epizootic ulcerative syndrome

choose\_species: --- Select Species ---

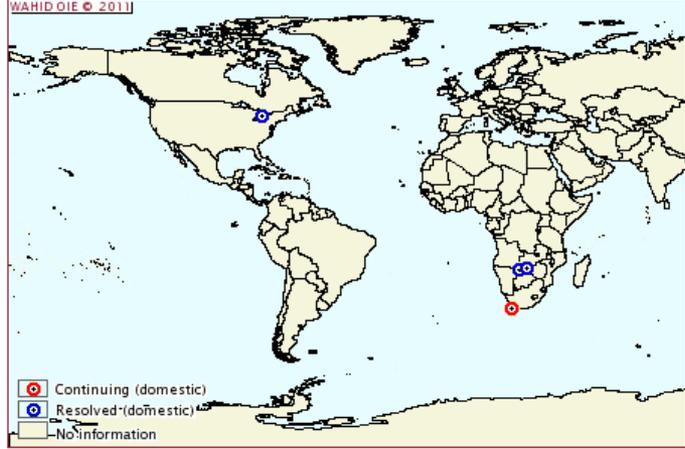
- Fish
- Wild fish
- Other Species ---
- Molluscs

OK

Period: From: 1 Jan 2007 To: 30 Sep 2011

**Disease outbreak maps**

WAHID OIE © 2011



Click on map to zoom in.

You have selected more than one year. Data are displayed on the updated map for 20

WAHID Interface - OIE World Animal Health Information Database - Mozilla Firefox

http://web.oie.int/wahis/public.php

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

**Disease outbreak maps: Epizootic ulcerative syndrome**

Click on the map to recentre it

WAHID OIE © 2011



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Select layers to display:

- Waterways
- Railways
- Airstrips
- Roads

refresh

User Feedback Email the support team if you have a comment on this system.

# WORLD ANIMAL HEALTH INFORMATION DATABASE (WAHID)

WAHID differentiates outbreaks between domestic and wild species



Example:

Epizootic ulcerative  
syndrome

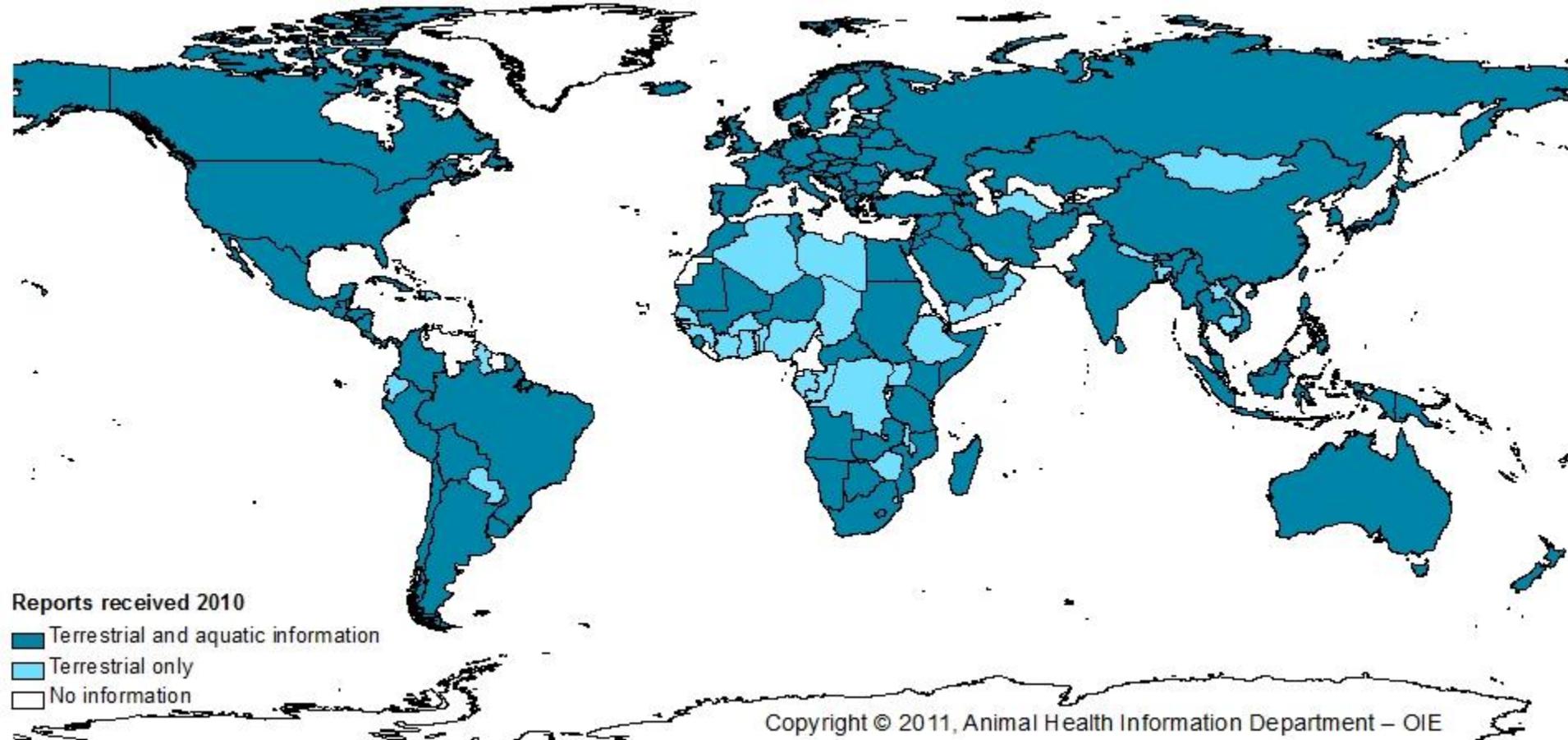
South Africa

December 2010

First occurrence of a listed  
disease in wild

# TRANSPARENCY

World Animal Health Coverage by WAHIS for  
Terrestrial and Aquatic Animal Diseases in **2010**



150 Members provided an annual animal health report, 79% where for both terrestrial and aquatic animal diseases (as per June 2011)

Thank you!

