


 Organization World Organization

 Mandate of Health for Animal Health of Terrestrial Animals

Evolution of the OIE notification system (WAHIS)

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Recent crisis
 (e.g. Avian influenza)

↓

**need to adapt to the situation
 notification of diseases in
 wild animals**


Upgrading objectives:

- **Improve notification** and the quality of information in wild species
- **Better understanding** of animal health situation in domestic and in wild animals
- **Avoid trade barriers** on the notification of diseases in wild species unless it is necessary and science-based
- Improve the OIE's **early warning system**
- **Monitor** diseases specific to wild species would help protecting the biodiversity, domestic animals and human health: Help in early warning
- **Improve transparency** and stress the need to develop disease surveillance in wild species in the field in Member Countries



WAHIS – WAHID improvements in 2009 – 2010 (implemented)

- **2009:** distinction between disease occurrence codes between domestic and wild species
- **2009:** impact on WAHID




Distinction between disease occurrence codes between domestic and wild species (2009)

Each country has to indicate the occurrence code for each OIE listed disease during the reporting period by category of domestic species and wild species

Codes indicating disease presence in Domestic Species and / or in Wild Species
 + Positive occurrence of the disease
 +() Positive occurrence of the disease limited to one or more zones of the country

Codes indicating the presence of the infection/infestation in Domestic Species and / or in Wild Species
 +? Identification of the presence of infection/infestation

Codes indicating disease absence in domestic Species and / or Wild Species
 - Negative occurrence of the disease




Distinction between disease occurrence codes between domestic and wild species (2009)

Other codes in Domestic and/or in Wild Species

?	Presence of the disease suspected but not confirmed
...	No information available
0000	Disease never reported

For Disease never reported (in both Domestic Species and Wild Species):



Distinction between disease occurrence codes between domestic and wild species (2009)

Some examples

Disease Name	Species	Disease and Infection Absent				Disease and/or Infection Present			
		Never Reported		Not reported in this period		Suspected	Infection/Infestation (without clinical signs)	Clinical Disease	Disease in one or more
		0000	0001	0002	0003				
Foot and mouth disease	Domestic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Wild	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vesicular stomatitis	Domestic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Wild	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Rift Valley fever	Domestic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Wild	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bluetongue	Domestic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Wild	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Anthrax	Domestic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Wild	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Aujeszky's disease	Domestic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Wild	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Echinococcus hydatidosis	Domestic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Wild	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heartwater	Domestic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Wild	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Distinction between disease occurrence codes between domestic and wild species (2009)

Review Report

PROBABLE VERSION (PDF Format)

Save report as to your hard disk (PDF)

NOTIFICATION REPORT ON THE NOTIFICATION OF THE AGENCY ON PRESENCE OF DE LISTED DISEASES
DE NOTIFIÉS, Report Period: Jan-Jun 2009 Country: Tahiti

Report Summary

Animal type: Aquatic and terrestrial Date of report: 26/08/2009
Submitted: No Report Period: Jan-Jun 2009
Name of Sender of the report: Pouvare Fatunuleti Address: P.O. Box 865, Apia, Samoa
Position: Director Telephone: (810) 2128
Fax: Email: fatunuleti@samoa.net

Selected by: Alessandro Ripani

Summary on DE listed diseases/infections present in Tahiti

DE Listed Disease	occurrence	Outbreak (s)	New outbreaks	Total outbreaks	Species	Control Measures	Routine Vaccination	Monitoring unit	Susceptible	Cases	Deaths	Destroyed	Slaughtered	vacc
Rift Valley fever (Wild)	+7	No	1	1	1	1	*Of M Te	Animals	1	1	1	0	0	0
Bluetongue (Domestic)	+0	No	1	1	1	1	*Of M Te	Animals	1	1	0	0	0	0
Bluetongue (Wild)	+7	No	2	2	2	2	*Of	Animals	2	2	0	0	0	0
Aujeszky's Disease (Domestic)	+7	No	0	0	0	0	*	Animals	1	1	0	0	0	0
Anthrax (Domestic and Wild)	+	No	5	5	5	5	*Of	Animals	3	3	3	0	0	0

Change in WAHID interface - 2009

Animal health situation

This page lists what diseases have been reported as present, absent or never reported for the selected country. It also provides the option to show diseases for which no information has been provided in a selected category.

Year: 2009

NOTE: This information is based only on a single month: **January - June**

Disease	Wildlife	Domestic	Wildlife	Domestic	Wild
African trypanosomiasis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Anthrax	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Aujeszky's disease	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Bluetongue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Bovine spongiform encephalopathy	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Bovine tuberculosis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Brucellosis (bovinae spp.)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Contagious equine morbill	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Echinococcus hydatidosis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Change in WAHID interface - 2009

WAHID Interface

Choose by: Single country Region: Enter word Country: Israel

Choose Disease: Anthrax

Choose Animal: Aquatic

Start year: 2009 End year: 2011

Disease timelines

Keys to colours

When different animal health situations between domestic and wild animal population are provided the box is split in two:

- The upper part indicates the situation in domestic animals
- The lower part indicates the situation in wild animals

Year: 2009

Month: for six month periods: 2009-01-01 to 2009-06-30

Change in WAHID interface - 2009

WAHID Interface

Choose Disease: Anthrax

Choose Animal: Aquatic

Choose Animal: Aquatic

By six-month period: Year: 2009 Period: Jan-Jun 2009

Disease distribution maps

Improvements in 2010-WAHIS 2

- To generate **two completely separate six-monthly reports** one for terrestrial and one for aquatic animals: reason better management: Members can provide available information without blocking the submission process.
- Improvement of the **management of periodicity of reporting diseases** within the six-monthly period (for an ongoing six-month period): send monthly information for a selected number of diseases that are known to be present, which could be validated and made public on monthly basis, without submitting the whole report. The rest of the report will be completed at the end of the period;
- List of wild species** (Latin and common names) for each disease depending on the susceptible species and their geographic distribution). Available for immediate notification and follow-up reports and six-monthly reports;
- New graphical design**, improvements of some functions.

Improvements in 2010-WAHIS 2

Two completely separate six-monthly reports

One for



Terrestrial animals

One for



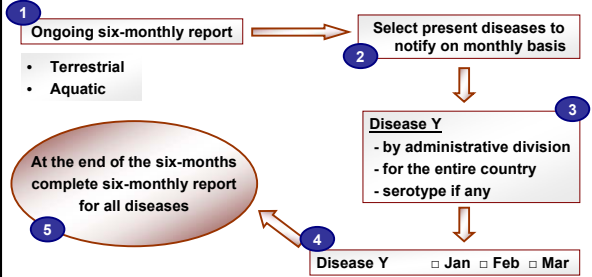
Aquatic animals

The OIE will receive from a given year 4 six-monthly reports
(2 for terrestrial animals and 2 for aquatic animals)



Improvements in 2010-WAHIS 2

Management of the periodicity in reporting



Improvements in 2010-WAHIS 2

The system will offer for *wild species* category a short list of known susceptible species using a drop-down menu



- Family name
- Latin name (scientific name)
- Common name



The short list of known susceptible species will be related to:



- disease;
- disease regional distribution (e.g. CWD).

Example:

Disease	Family name	Latin name	English Common Name	French Common Name	Spanish Common Name
West Nile fever	Anatidae	Anas platyrhynchos	Mallard	Canard colvert	Anade Real



Improvements in 2010-WAHIS 2

The system will allow the possibility to add in a box of free text another species (if it is not in the list), indicating the Latin name and common name.



When a user adds a new name the OIE staff will verify it and after validation, introduce it into the database



Improvements in 2010-WAHIS 2

Quantitative information page for wild species

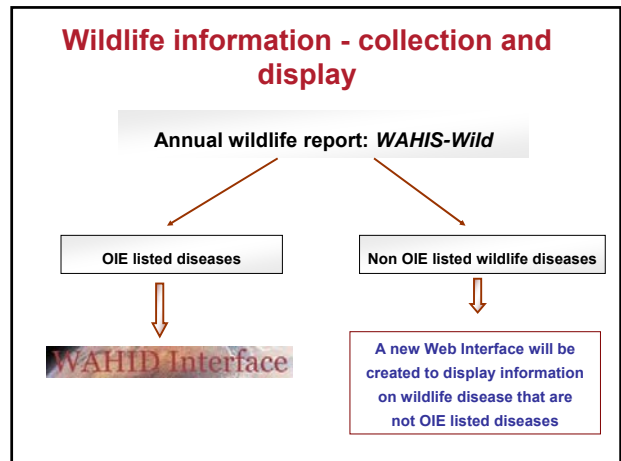
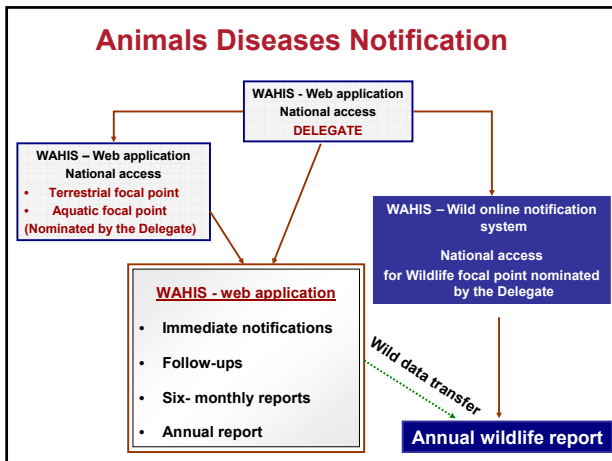
Animals affected

The system will allow the possibility to add in a box of free text another species (if it is not in the list).

wild_species
Family Name | Latin Name | Common Name | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | Action | Action

WAHIS-Wild online notification system







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