

The objective of the bulletin is to report new health events occurring outside and inside EpiSouth area that have potential implications on EpiSouth population. It does not aim to provide an exhaustive review of international alerts. Since 2006, The French public health Institute (InVS) is issuing an [online](#) epidemic intelligence bulletin (Bulletin hebdomadaire International - BHI). In order to limit duplication and to make this already verified information available to a larger audience, information relating to health events of interest for EpiSouth population are translated and integrated in the relevant e-web sections. Despite all verifications, WP6 team would not be responsible for potential errors. The recipient is responsible for the cautious use of this information. Neither the European Commission nor any person acting on behalf of the Commission is liable for the use that may be made of the information contained in this report. Data maps and commentary used in this document do not imply any opinion of EpiSouth countries or its partners on the legal status of the countries and territories shown or concerning their borders.

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INDEX e-WEB n°243

- **A(H5N1) Human & Avian influenza - None**
- **“INSIDE” events: West Nile – Croatia, Italy, Tunisia, Montenegro**
- **“OUTSIDE” events: none**

Location: World	Event: A(H5N1) –Human & Epizootic	Comments
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No new event has been reported this week

REPORT OF NEW HEALTH EVENTS OCCURRING INSIDE THE EPISOUTH AREA (Occurring in one or several EpiSouth countries)

Location: EpiSouth countries	Event: West Nile	Comments
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CROATIA

- On 8 November 2012, the Ministry of Agriculture in Croatia reported to [OIE](#) 6 outbreaks of West Nile virus in equine in 2 counties located on the East:
 - 1 outbreak in Brod Posavina county
 - 5 outbreaks in Virovitica-Podravina county
- On 22 August 2012, 2 outbreaks of WNV in equine were reported in Vukovar-Syrmia county (East of the country, cf. [eWEB n° 231](#)).
- On 17 September 2012, 5 probable West Nile cases in humans were reported by the Croatian National Institute of Public Health. They were all located in the East of the country (cf. [eWEB n°235](#)).

- It is the first year that Croatia is reporting WNV cases in humans and equine.
- In 2011, a low intensity of WNV was found in horses through sera testing. A higher intensity of WNV was found through seroprevalence surveys in horses in the Eastern and continental parts of the country (cf. [Note on 2010 & 2011 seasons WNV circulation in EpiSouth countries](#)).

ITALY

- On 31 October 2012, the [Italian Institute of Public Health](#) reported a total of 28 confirmed human cases of WNV in the country, including one in Matera region, Basilicata province.
- The case had onset of symptoms on 23 September 2012.
- To date, 4 provinces reported WNV cases in humans in 2012: Venetia, Sardinia, Friuli-Venetia-Giulia and Basilicata.

- It is the first time that a WNV case in human was reported in Basilicata province.
- In 2011, equine cases were reported in Basilicata province, with no human cases.

TUNISIA

- On 14 November 2012, the Tunisian health authorities reported to EpiSouth a total of 63 WNV human cases including 10 deaths in 9 different governorates: Gabes, Kebili, Monastir, Mahdia, Bizerte, Jendouba, Sousse, Tozeur, Sfax.
- As of 30 October 2012, a total of 33 cases including 3 deaths were reported in the country (cf. [eWEB n° 241](#)).

- This year, the dynamic of the WNV outbreak in Tunisia is much stronger than in the previous years where only sporadic cases were reported (cf. [Note on 2010 & 2011 seasons WNV circulation in EpiSouth countries](#)).

MONTENEGRO

- On 14 November 2012, the Public Health Institute in Montenegro reported to EpiSouth the **first human case of WNV** ever reported in Montenegro.
- The case was diagnosed on 31 October 2012 by the Reference Laboratory of the Public Health Institute in Montenegro.
- The case is:
 - An 18 years old woman from Montenegro ;
 - With onset of symptoms on 14 October 2012 (mild meningitis);
 - The case lives in Podgorica (the capital city) and had a travel history in Ulcinj area (on the coast) during the incubation period. Therefore, according to the Public Health Institute in Montenegro these two localities can be considered as a potential place of infection.
 - IgM and IgG for WNV were confirmed through ELISA test at the Reference Laboratory of the Public Health Institute in Montenegro.

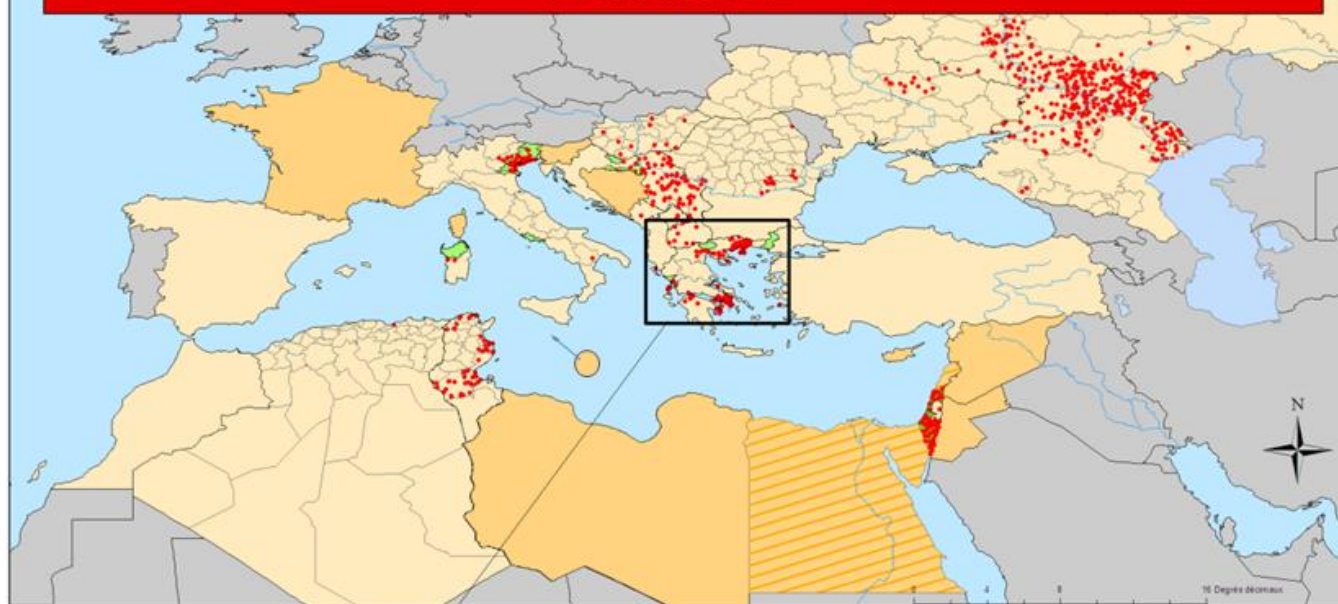
- It is the first time that WNV circulation is reported in Montenegro.
- So far, there was no WNV surveillance system in Montenegro (cf. [Note on 2010 & 2011 seasons WNV circulation in EpiSouth countries](#)).

In 2012, WNV surveillance became mandatory in Montenegro.

- This year, Balkan countries such as Croatia, Serbia, Kosovo, and the Former Yugoslav Republic of Macedonia reported WNV cases.
- For Croatia, Kosovo and Serbia, it is the first year that WNV infections in humans were reported.

- To date, for the 2012 season, a total of 381 WNV infections (clinical and confirm cases) in humans have been reported in 12 EpiSouth countries (cf. map):
 - Algeria (1)
 - Croatia (5)
 - Former Yugoslav Republic of Macedonia (6)
 - Greece (109 confirmed WNV cases)
 - Israel (61)
 - Italy (50)
 - Kosovo (4)
 - Montenegro (1)
 - Palestine (2)
 - Romania (14)
 - Serbia (64)
 - Tunisia (63)
- In 2010, 485 human WNV infections were reported in 9 countries, while in 2011 232 WNV human infections were reported in 8 countries.

2012 Season, WNV circulation in Episouth area and in neighbouring countries*, as of 14/11/2012



LEGEND

Human cases in 2012 **

● 1 point = 1 case

Equine cases in 2012

□ No equine cases reported
 □ Equine cases reported

Viral circulation

□ No WNV clinical human infection reported in the past 3 years
 □ WNV circulation reported in the last 3 years
 □ Seroprevalence study documenting WNV circulation***
 □ Non Episouth / no information

* Russia, Hungary, Ukraine

** Cases are randomly located by administrative units or by countries (for Albania, Israel, FYR-Macedonia, Montenegro and Serbia)

Greece : only neuro invasive cases represented, source KEELPNO

***Studies not older than 2005, in countries which have not reported equine or human confirmed cases

Sources OIE, MoH, MoA, EpiSouth / map DI-InVS/ esri basemap