

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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- **A(H5N1) Avian influenza – India**
- **A(H5N1) Human influenza – None**
- **“INSIDE” events: West Nile – Israel, Italy, FYROM, Russia**
- **“Outside events”: none**

Location: World
Event: A(H5N1) –Human
Comments

No new human cases reported this week

Location: India
Event: A(H5N1) Epizootic
Comments

- On 19th September, 2011, the Indian Ministry of Agriculture notified to OIE one outbreak of A(H5N1) avian influenza in poultry located in West Bengal (north-eastern India, cf. map 1).
- In India, the last A(H5N1) avian influenza outbreak was reported on 12th September 2011 (in poultry) in Assam state (cf. [eWEB n°182](#)).
- Authorities reported that appropriate measures were taken to control the outbreak including an intensive surveillance campaign launched in a 10 km radius zone.
- To date, no human A(H5N1) case has ever been reported in the country.

Map 1. West Bengal, India.


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

Location: Mediterranean
Event: West Nile Virus
Comments

Since Mid-July 2011, West Nile infections started to be reported in several Mediterranean countries and in Russia.

To date, and since the beginning of the West Nile season, Russia and 8 EpiSouth countries reported equine and/or human West Nile infections. On total, 104 human cases have been reported in Russia and 106 human WNV cases have been reported in 8 EpiSouth countries:

- Greece: 74 human cases (including 3 deaths)
- Israel: 15 human cases
- Romania: 7 human cases
- Italy: 4 human cases and 6 equine cases
- Turkey: 3 human cases
- Albania: 2 human cases
- Former Yugoslav Republic Of Macedonia (FYROM): 1 human cases
- Spain: only equine cases.

The sporadic notification of the cases throughout the season indicates a circulation of the WN virus in the European and Mediterranean area. In 2011, Greece is the only country reporting deaths related to West Nile infections.

In comparison to 2010 (cf. [West Nile thematic note, 2010](#)), the epidemiological situation for WN virus has not changed, except for Albania and FYROM which reported human West Nile infections for the 1st time. It is also worth mentioning that since the 2010 epidemic, surveillance system for equine and human cases have been strengthened in the area.

Italy and FYROM reported their first 2011 cases this week:

➤ **ITALY**

In Equine

- On 15th and 19th September 2011 the Italian Ministry of health has notified to OIE:
 - 5 West Nile equine cases which occurred on 13th September 2011 in Sardinia region (cf. map 2)
 - 1 equine WN case in Friuli-Venzia Giulia region.
- In Italy, the last equine outbreaks were reported in November 2010 in Molise region (cf. [eWEB n°138](#)).

In Human

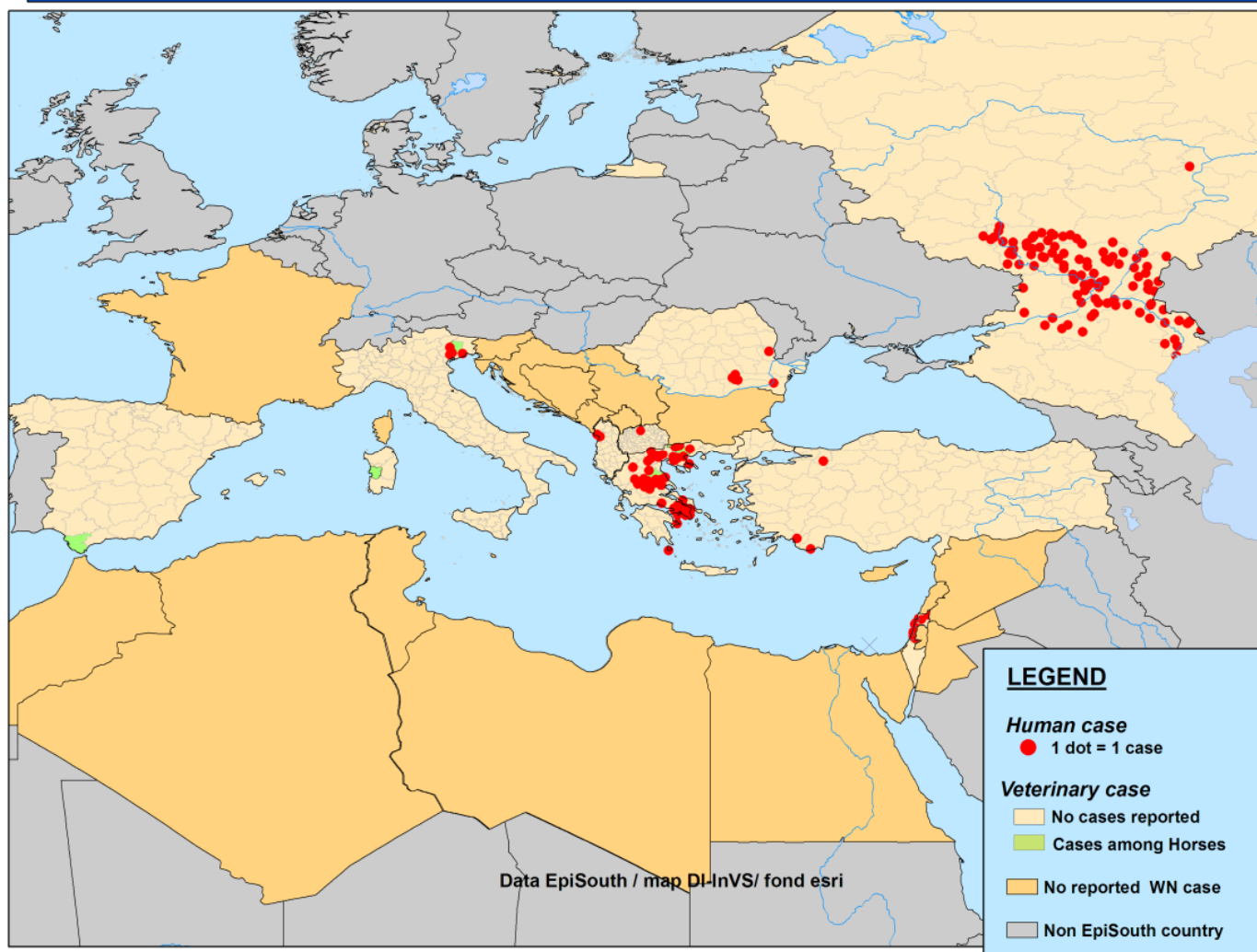
- On 20th September 2011, the Italian Ministry of health reported the occurrence of 4 human cases of West Nile virus infection:
 - 3 cases in Treviso province
 - 1 case in Venice province.
- In 2010, Italy reported a total of 3 human cases in Venetia region. In 2009, 18 WN human cases were reported in Venetia, Lombardy and Emilia-Romagna regions.

➤ **FYROM**

- On 13th September 2011, the Macedonian authorities reported one case of WN virus in Skopje region.
- This is the first reported case in Macedonia.

Map 2. Human and equine West Nile infections reported in 2011, in Europe and the Mediterranean regions. (as of 21st September 2011)

2011 West Nile Circulation in EpiSouth countries and Russia, as of 21/09/2011 *



* Greece : only neuro invasive cases represented