

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.

INDEX e-WEB n°130

- A(H5N1) Human influenza – None
- A(H5N1) Avian influenza – None
- “INSIDE” Events:
 - Dengue – France
 - West Nile – Mediterranean countries: Italy, Spain, Turkey
- “OUTSIDE” Events: none

Location: World Event: A(H5N1) – Human

Comments

No human cases reported this week.

Location: world Event: A(H5N1) – Epizootic

Comments

No influenza A(H5N1) epizootic reported this week .

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

Location: France Event: Dengue

Comments

- On 13 September, the [French Ministry of Health](#) confirmed the presence of the 1st indigenous case of dengue fever in France, Nice (Alpes-Maritimes, cf. map 1). This is an isolated case and no further cases have been reported to date.
- The case is a 64 years old man who developed suddenly fever, myalgia and asthenia on August 23rd:
 - He has neither history of recent international travel nor recent history of blood transfusion.
 - The serotype is currently unknown.
 - The patient is cured and healthy.
- Investigations detected in Nice 6 recent imported cases of dengue from the 24th July to 23rd August 2010. Within these 6 cases, four were confirmed PCR positive.
- The patient is living in Nice, located in a French department (Alpes-Maritimes) where *Aedes albopictus* is established and active during this season (1st May to 30 November).
- This case has been reported by the enhanced surveillance system implemented in this area (French South East) during this season.
- To prevent any further spread of the virus, the epidemiological surveillance and control measures will be strengthened. Mosquito control actions have been implemented around the area of the residence of the person who was affected.

- Even if some elements are still under investigation, this patient has been considered as a confirmed autochthonous case of Dengue.
- The risk of development of an epidemic is considered limited, but can not be excluded, due to the significant presence of the tiger and other imported virus. In recent weeks, many cases have been imported from French West indies.

Map 1. Nice city in Alpes-Maritimes department, France.



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

Location: Turkey, Spain, Italy

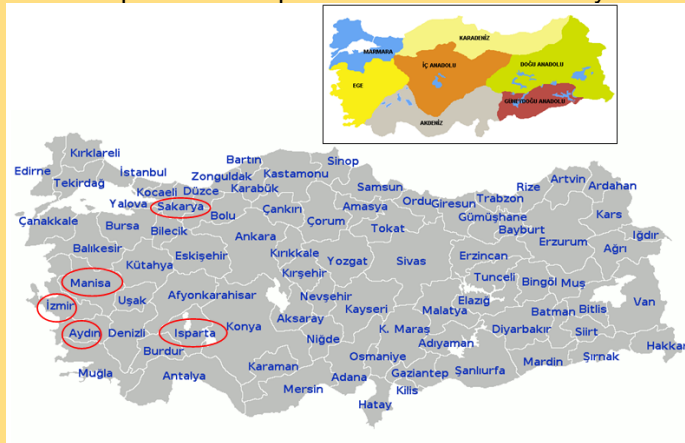
Event: West Nile

Comments

Turkey, human cases

- On September 8, 2010, the [Turkish Ministry of Health](#) has confirmed seven human cases of West Nile with 3 deaths in five provinces (west of the country): Aydın, Isparta, Izmir, Manisa, and Sakarya

Map 2. Affected provinces in West of Turkey.



Spain, Equine cases

- On September 10, 2010, the Spanish Ministry of Agriculture and Fisheries has notified to the [OIE](#) two outbreaks of equine West Nile virus which occurred in late August (two horses), in Cadiz in Andalusia province (south of the country, cf. map 3).

Map 3. Cadiz in Andalusia, Spain.



Italy, Equine cases

- On September 14, 2010, the Italian health authorities have notified to the [OIE](#) an additional outbreak of equine West Nile virus in Trapani in Sicilia province, Italy (cf. map 4)

Map 3. Trapani in Sicilia, Italy.



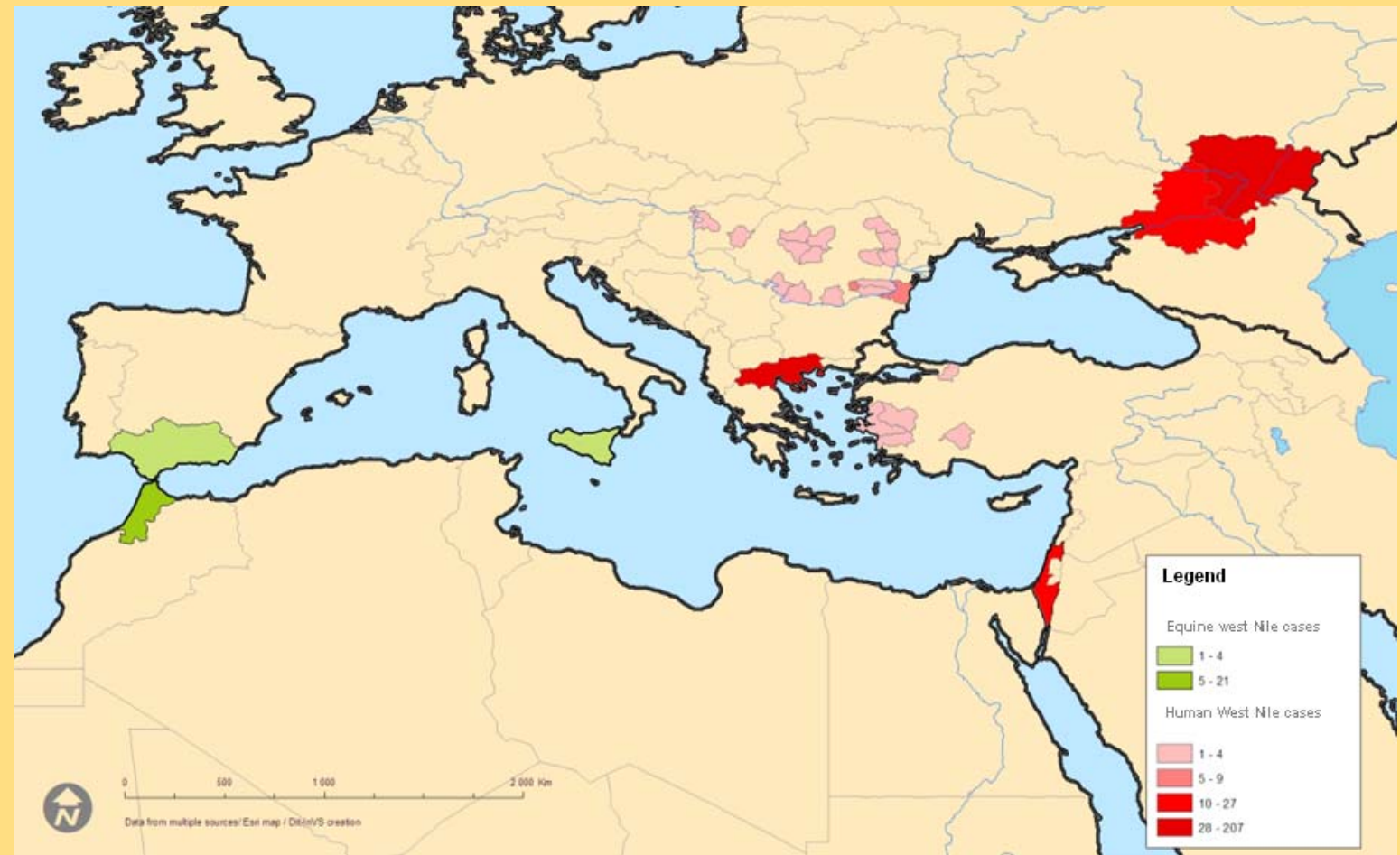
- In Turkey, this is the first time that human cases are officially reported. However, various serological studies provided evidence of WN virus circulation in different regions of the country since the 1970s.
- In Spain, no equine outbreak was never officially reported to OIE before.
- However, seroprevalence studies in the Delta del Ebro (2001) and south of Spain (2007) indicated the presence of WN specific antibodies in serum with respective seroprevalence of 3.8% and 0.6%.
- In recent weeks, there has been an intensification of the West Nile virus circulation in Europe and the Mediterranean region (cf. [eWEB n°125](#), [n°126](#), [n°127](#), [n°128](#) and [n°129](#)).
- To date, nine countries reported cases (human or equine) in this region (cf. table 1 and map 4)
- Changes in the West Nile virus dynamic (number of cases and geographical extension) is closely monitored as an epidemic spread to other countries with migratory flows can not be excluded.

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

Location: Euro-Mediterranean **Event:** West Nile virus **Map 4. Human and equine cases of West Nile virus infections in Europe, North Africa, Middle-East and Balkans, 1st January – 14 September 2010.**

Table 1. Human / Equine West Nile cases and affected areas by country, reported in 2010, as of 14 September 2010.

Countries	Human cases and affected area	Equine cases and affected area
Spain	-	Cadiz (2)
Italy	-	Sicile (4)
Morocco	-	Benslimane (18), Khemisset (2), Mohammedia (1)
Greece	207 cases in provinces of Imathia, Pella, Kilkis, Serres, Pieria, Thessaloniki, Chalkidiki, Larissa, Kozani	-
Hungary	Centre-Hungary region (2), Bekes (1)	-
Israel	12 human cases	-
Romania	Constanta (9), Bucharest (6), Ialomita (4), Iasi (2), Mures (2), Sibiu (2), Calarasi (1), Dolj (1), Alba (1), Cluj (1), Galati (1), Mehedinti (1), Teleorman (1), Vaslui (1), Vrancea (1).	-
Russian Federation	Rostov (27) Volgograd (170)	-
Turkey	7 cases in 5 provinces in the West of the country: Manisa, Sakarya, Izmir, Aydin and Isparta.	-



NB: In Russian Federation, suspected human cases are also under investigation in several regions of the country: Astrakhan, Krasnodar, Kalmyk and Voronezh.