

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°241

- **A(H5N1) Human & Avian influenza - None**
- **“INSIDE” events: Malaria - Greece**  
**West Nile – Tunisia**
- **“OUTSIDE” events: None**

Location: World

Event: A(H5N1) –Human & Epizootic

Comments

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: Greece

Event: Malaria

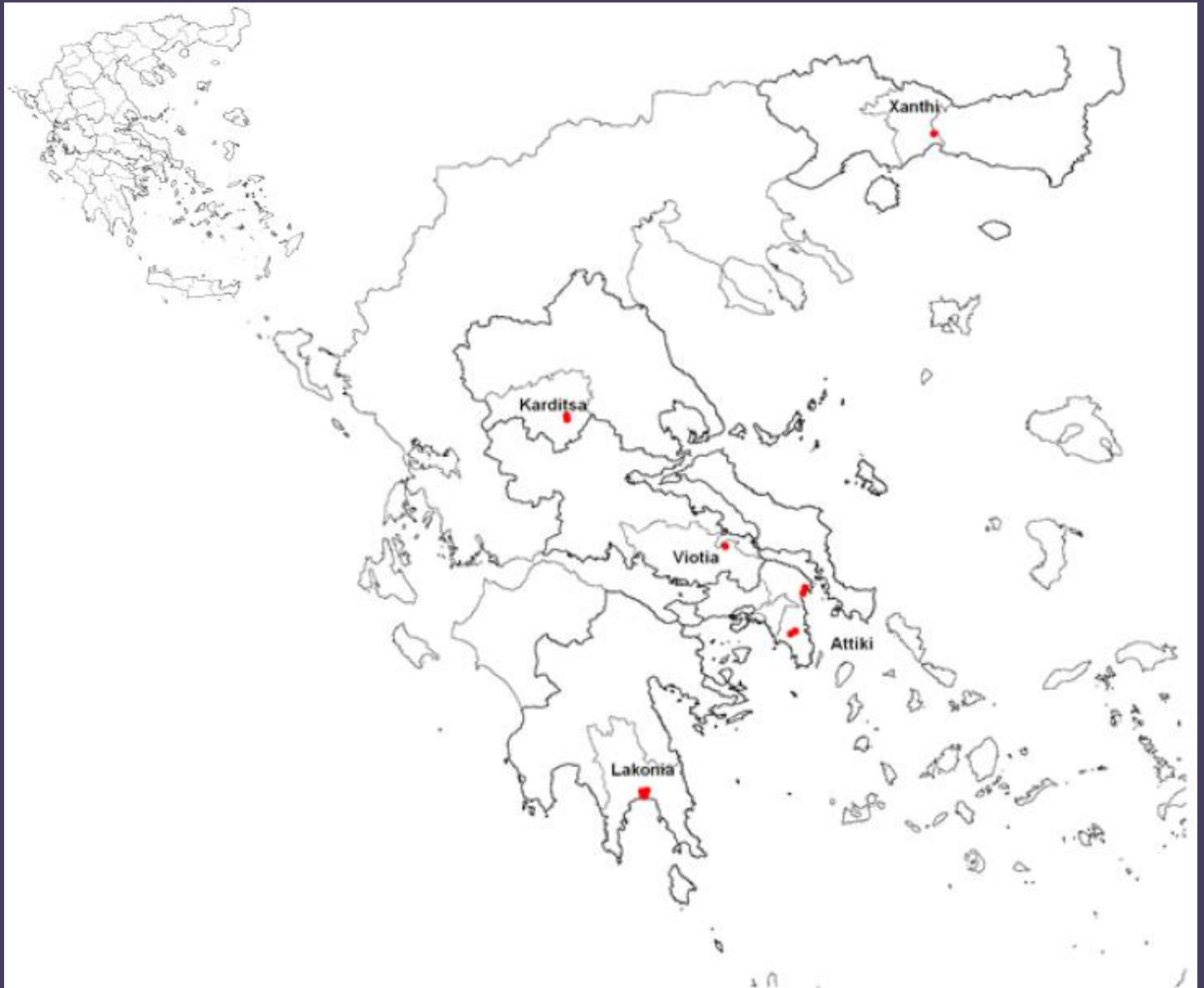
Comments

- On 22 October 2012, The Hellenic Centre for Disease Control and Prevention ([KEELPNO](#)) reported 5 new malaria *P. vivax* autochthonous cases in Greece.
    - 2 cases are located in Karditsa regional unit, Thessaly region (cf. map 1). **It is the first time that this area is reporting autochthonous malaria *P. vivax* cases.**

According to [KEELPNO](#), these cases are considered to have a direct epidemiological relation with a cluster of 8 imported cases.

  - 3 other cases were reported in Laconia regional unit, Peloponnese region.
- These 5 cases had onset of symptoms between weeks 38 and 42 (between 17 September and 21 October).
- To date, a total of 16 autochthonous cases infected in 2012 has been reported in 4 different regions in Greece:
  - 4 in East Attica regional unit. The first autochthonous malaria case was reported on 18 June 2012 (cf. [eWEB n°224](#)).
  - 8 in Laconia regional unit, Peloponnese region.
  - 1 in Xanthi regional unit, East of Macedonia and Thrace region.
  - 2 in Karditsa regional unit, Thessaly region.
- The occurrence of new cases in Laconia regional unit was not unexpected considering the establishment of a local transmission cycle of *P. vivax* malaria in this area.
- On 1 October 2010, one case was reported in Xanthi regional unit. It was the first time that this area reported *P. vivax* autochthonous cases.
- The report of a *P. vivax* malaria case in the new area of Karditsa regional unit strongly suggests an extension of the circulation of malaria in other areas in Greece.

Map 1. Place of residence of the malaria cases without reported history of travel to malaria-endemic areas. Greece, 01/01 until 22/10/2012 (n=16), source [KEELPNO](#).



- On 30 October 2012, the Ministry of Health in Tunisia reported to EpiSouth 10 additional WNV cases in humans (cf. map 2). Cases were reported in several governorates:
  - Mahdia (4 cases)
  - Bizerte (2 cases in Bizerte and Menzel Bourguiba)
  - Kebili (1 case)
  - Jendouba (1 case)
  - Sousse (1 case)
  - One case was hospitalised in Tunis (the place of infection is not specified yet)
- To date, a total of 33 WNV human cases including 3 deaths has been reported in Tunisia in 2012. The last WNV human cases were reported on 19 October 2012 (cf. [eWEB n° 240](#)).

- To date, for the 2012 season, a total of 344 WNV infections (clinical and confirm cases) in humans have been reported in 11 EpiSouth countries (cf. map 2):
  - Algeria (1)
  - Croatia (5)
  - Former Yugoslav Republic of Macedonia (6)
  - Greece (109 confirmed WNV cases)
  - Israel (61)
  - Italy (45)
  - Kosovo (4)
  - Palestine (2)
  - Romania (14)
  - Serbia (64)
  - Tunisia (33)
- For Algeria, Croatia, Kosovo, Serbia, it is the first year that WNV infections in humans were reported.
- In 2010, 485 human WNV infections were reported in 9 countries, while in 2011 232 WNV human infections were reported in 8 countries.

Map 2. 2012 Season, West Nile virus circulation in EpiSouth area and neighbouring countries (source: EpiSouth and [ECDC](#))

