

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°208

- **A(H5N1) Avian influenza – Israel**
- **A(H5N1) Human influenza – Indonesia, Vietnam**
- **“INSIDE” events: None**
- **“OUTSIDE” events: Invasive meningococcal infection NmW135 – Western Africa**

Location: Israel

Event: A(H5N1) – Epizootic

Comments

- On 9th March 2012, the Ministry of Agriculture in Israel reported to OIE 2 new outbreaks of A(H5N1) influenza in domestic poultry in the cities of Ashkelon and Beersheba, in the south of the country (cf. map 1).
- The last A(H5N1) influenza outbreak in Israel was reported in domestic poultry in April 2011 and was located close to Rosh-Zurim Kiboutz (cf. [eWEB n°160](#)).

- To date, no human case has been reported in Israel.

Map 1. Ashkelon and Beersheba, Israel



Location: Indonesia,
Vietnam

Event: A(H5N1) – Human

Comments

INDONESIA

- On March 12th 2012, the Indonesian health authorities notified to [WHO](#) a new human case of A(H5N1) infection in Bengkulu province in Sumatra island (cf. map 1).
- The case was:
 - a 24 years old woman;
 - Onset of symptoms on February 23rd 2012;
 - She was hospitalised on February 24th and died on March 1st 2012;
 - Exposure to sick poultry was documented.
- So far, a total of 187 cases has been confirmed in Indonesia, including 155 deaths.
- The last reported case in Indonesia dated March 2012 in Bali province (cf eWEB n°207).

- Indonesia is considered as enzootic for A(H5N1) influenza.

Map 1 : Bengkulu province, Indonesia



VIETNAM

- On March 12th 2012, the Vietnamese ministry of Health notified to [WHO](#) one new human case of A(H5N1) infection in Dak Lak province (cf. map 2).
- The case was:
 - a 31 years old man;
 - Onset of symptoms on February 29th 2012;
 - He was hospitalised on March 4th 2012;
 - Exposure to sick poultry was documented.
- The last A(H5N1) human case in Vietnam was reported in March 2012 in Binh Duong province (in the South of the country, cf. [eWEB n°207](#)).
- To date, a total of 123 confirmed cases has been reported in Vietnam.

- Vietnam is considered as enzootic for A(H5N1) influenza.

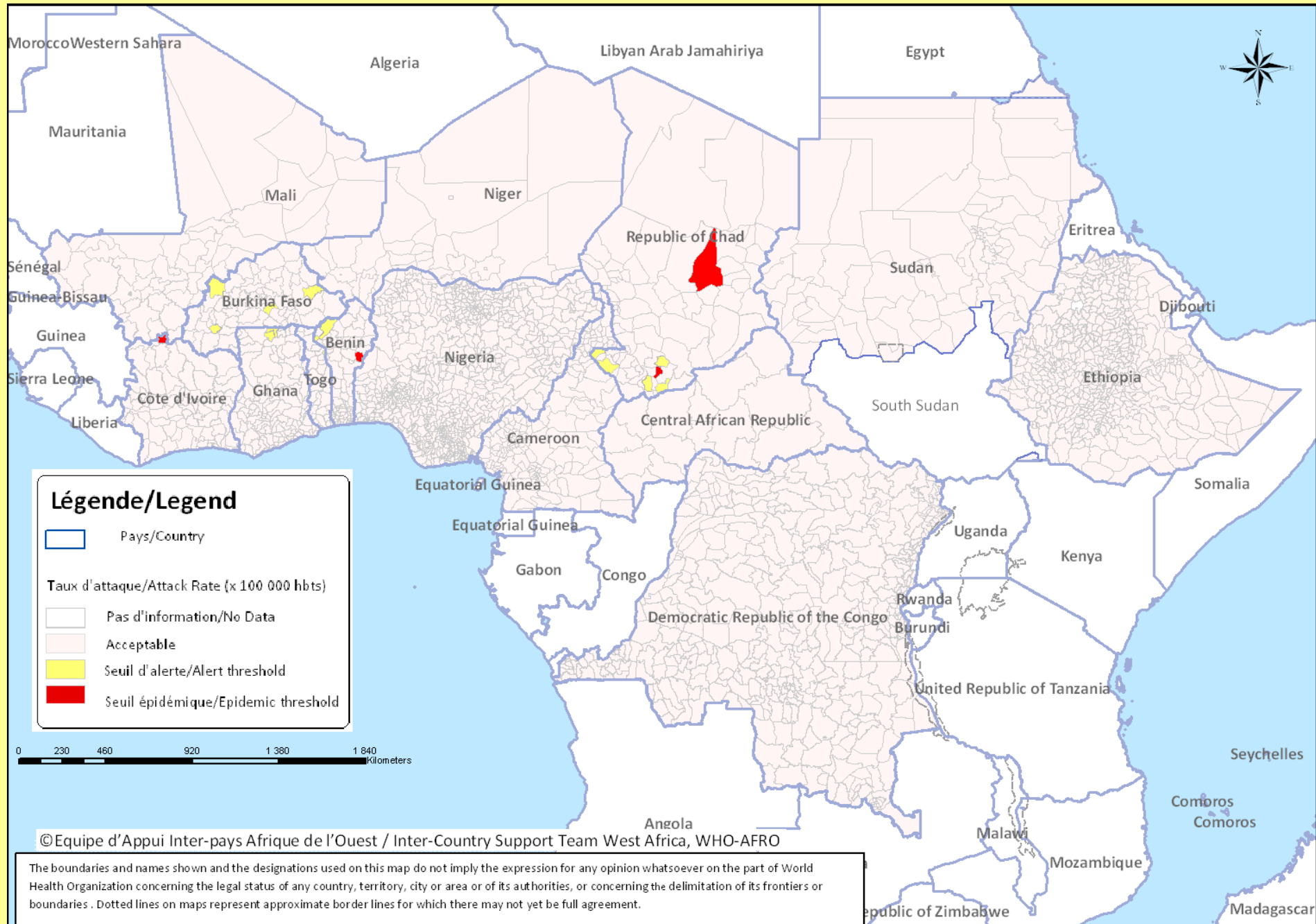
Map 2 : Dak Lak province, Vietnam



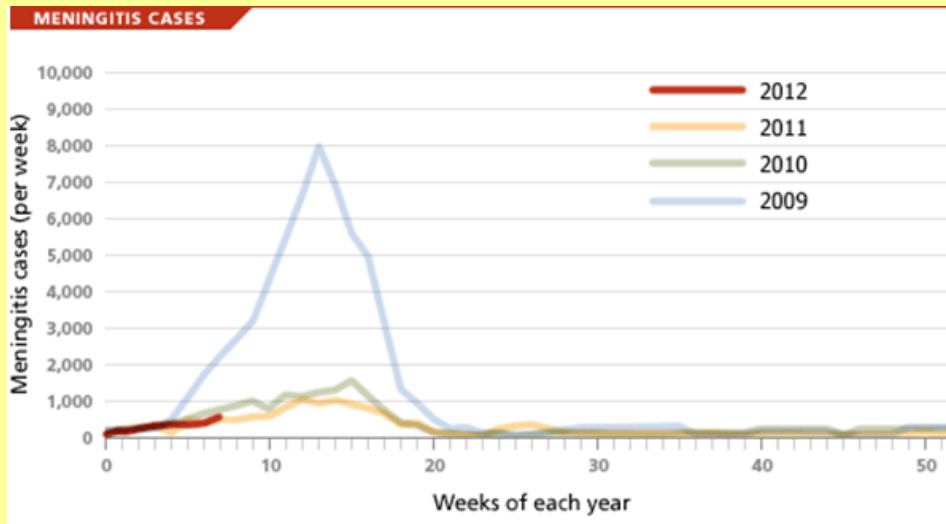
REPORT OF NEW HEALTH EVENTS OCCURRING OUTSIDE THE EPISOUTH AREA
(Occurring in one or several EpiSouth countries)

Western Location: Africa	Invasive Event: meningococcal infections NmW135	<u>Comments</u>
<ul style="list-style-type: none"> • Since the beginning of 2012, the French National reference centre for meningitis reported 5 cases of W135 meningitis: <ul style="list-style-type: none"> ○ 3 were imported (2 from Senegal, cf. eWEB n°206 and 1 from Mali) ○ 2 were linked to travels to sub-Saharan Africa (1 in Mali and 1 in Benin). • The strains which have been isolated in the patients belong to the same phenotype. • All patients presented extra meningeal forms (arthritis, pulmonary, etc...). • As of March 13th 2012, W135 circulation has been confirmed in Senegal, Mali and Benin but no major outbreak has been reported in these 3 countries which have adequate meningitis surveillance systems (meningeal forms-based surveillance). • W135 circulation has also been confirmed in Burkina Faso, Côte d'Ivoire, Ghana and Niger. • <i>Mn A</i> is the main meningococcus in Chad. 		<ul style="list-style-type: none"> • Meningococcal meningitis is endemo-epidemic in all Sahelian strip countries (from Senegal to Ethiopia). Seasonal epidemics occur every year during the dry season (from January to May). • Meningitis season started in most of the Sahelian strip countries. Overall, the dynamic is similar to the one of the past 2 years: increase (expected) of the number of cases without any major epidemic (neither regionally nor nationally, cf. graph 1, 2, 3 and 4) at this stage. • Like every years, small outbreaks can be observed. Since the beginning of the 2012 season, only 4 districts have reached the epidemic threshold (2 in Chad, 1 in Ivory cost, and 1 in Benin, cf. map 3, graph 1, 2, 3 and 4). • During the week 7, 628 cases including 63 deaths (CFR 10%) have been reported in 8 of the 14 countries which are part of the strengthened surveillance program for meningitis set up by WHO. • <i>Mn W135</i> frequency is high in Burkina, Ghana and Côte d'Ivoire. • Vaccination against invasive meningococcus infections is recommended, especially for people travelling to endemic countries located in the Shaelian strip during the dry season (January to May). <p>Due to the W135 sero-group circulation in Western Africa, the use of ACW135Y tetravalent meningococcal vaccine should be recommended for this region.</p>

Map 3. Recapitulative map of cumulative Meningitis attack rates at week 01 - 07, 2012 (WHO source, http://www.meningvax.com/files/BulletinMeningite2012_S07.pdf)



Graphs 1, 2, 3 and 4: Suspected meningitis cases (all causes) reported in 14 sub-Saharan African countries, in Benin, Côte d'Ivoire and Chad, weeks 1 to 7 (WHO source, http://www.meningvax.com/files/BulletinMeningite2012_S07.pdf)



<http://www.meningvax.org/epidemic-updates.php>

