

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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- “INSIDE” Events: None (other than A[H5N1] and A[H1N1])

Area: Egypt

Event: A(H5N1) – Human

Comments

- The occurrence of human cases in Egypt is not an unexpected event.
- However, the number of cases since the beginning of May 2009 (10 cases) is higher than the number reported in May over the period 2006-2008.
- At this stage, it is unclear whether the increase in the number of reported cases is due to an intensification of the circulation of the virus or to an improvement of the surveillance system.
- To date, available information do not indicate a change in the transmission of the virus.

The Egyptian health authorities have reported 2 new influenza A(H5N1) human cases :

- A 14-month old girl from al-Dakahlia Governorate (see **Map 1**).
  - ✓ She presented symptoms on May 25, 2009;
  - ✓ She was hospitalised on May 29, 2009.
- A 4 y.o. girl from Kafr el-Sheikh Governorate (see **Map 1**).
  - ✓ She presented symptoms on May 30, 2009;
  - ✓ She was hospitalised on May 31, 2009.
- Both cases were treated by oseltamivir; to date they are in good and stable condition.
- Both cases were exposed to sick or dead poultry prior to disease onset.
- To date and since March 2006, Egypt has reported 78 cases including 27 deaths.

Map 1. al-Dakahlia and Kafr el-Sheikh Governorates, Egypt



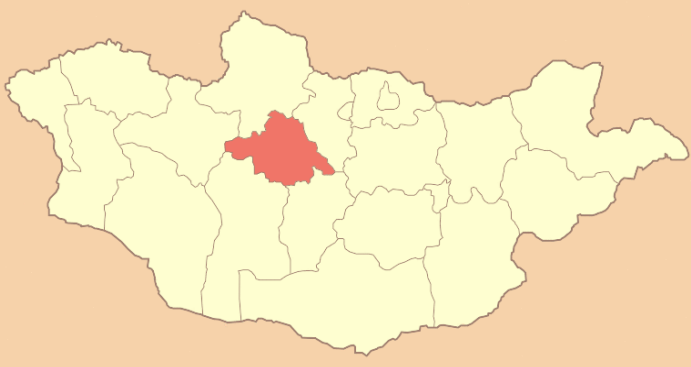
**7: al-Dakahlia**  
**13: Kafr el-Sheikh**

Area: Mongolia      Event: A(H5N1) – Epizootic

Comments

- A(H5) (N subtype not yet determined) avian influenza outbreak was reported this week in Arkhangai province among wild birds (See map 2).
- The last avian outbreak in Arkhangai province was notified in June 2006.

Map 2. Arkhangai province, Mongolia



- This outbreak follows China's notification of an outbreak (May 17, 2009) among wild birds in Qinghai province.
- Qinghai is a step on the path of migratory birds heading to Arkhangai province (breeding areas).
- In 2005-2006 an A(H5N1) outbreak in wild birds in Qinghai (China) was followed by outbreaks in central Mongolia and in other central Asia countries.
- It is therefore likely that the current outbreak in Mongolia is linked to the outbreak reported on May 17, 2009 in Qinghai province.

***REPORT of NEW HEALTH EVENTS OCCURING OUTSIDE THE EPISOUTH AREA  
(not occurring in one or several EpiSouth countries)***

Area: World

Event: A(H1N1) Novel influenza

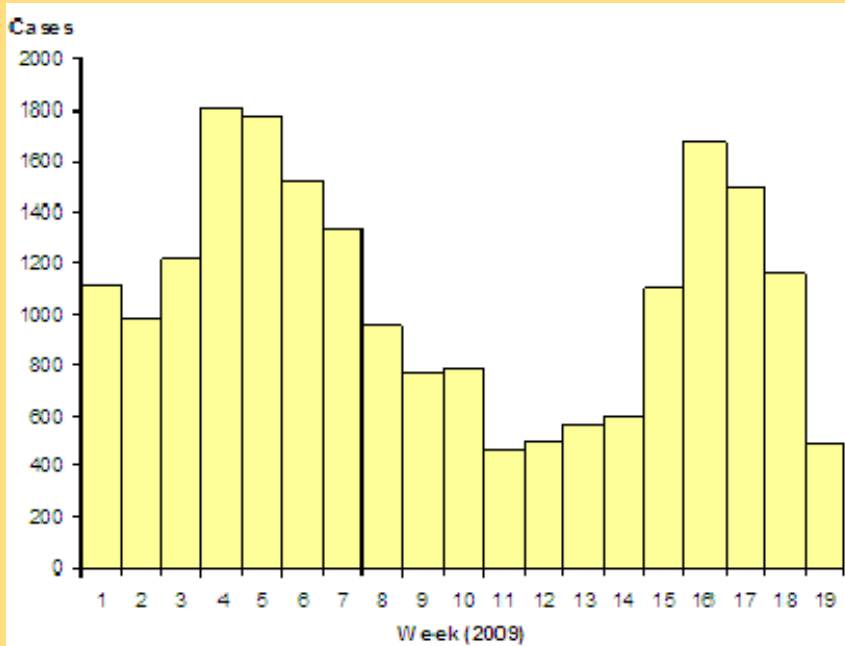
Comments

- Since April 24, 2009, health authorities of several countries have reported human influenza cases due to a new influenza strain, called [A\(H1N1\) Novel influenza virus](#),
- This virus is different from seasonal human A(H1N1) virus, which is responsible for seasonal influenza outbreaks and circulates widely in the world.
- **Table 1** and **Map 3** summarise the Novel influenza situation as of June 3, 2009 at 11:00 AM.

- Each country has its own case definition. Moreover, within one country, the case definition may change overtime. These two elements have to be considered in the interpretation of the number of reported cases.
- Updates are regularly uploaded on EpiSouth's website, with new available elements.

- From January 1st to May 17, 2009, 20,292 chikungunya cases have been reported in Thailand.
- The majority of these cases have been reported in the Southern provinces of Thailand (Malaysian peninsula). However, cases have been reported in Bangkok and neighbouring provinces.
- Since January 1<sup>st</sup>, 2009, the epidemic curve shows 2 consecutive peaks (see Figure 1):
  - ✓ the first one occurred during epidemiological week (EW) 4 (April 19-25, 2009) with 1,804 reported cases;
  - ✓ the second peak occurred during EW 16 (April 13-19, 2009) with 1,678 reported cases.
- Since April 19, 2009, the number of reported cases seems to be decreasing (see Figure 1).

**Figure 1. Reported Chikungunya cases in Thailand, 01/01-19/04/2009 (source: MoH)**



- Chikungunya is endemic in the South of Thailand like on the rest of the Malaysian peninsula.
- In Malaysia, the peak of transmission occurs between October and April. In Thailand, it occurs between May and September.
- Thus, although the number of reported cases is decreasing since April 19, new cases may occur as well as another epidemic peak.
- Individual preventive measures (such as insect repellents or covering clothes) against *Aedes* mosquitoes' bites are the best way to avoid Chikungunya and dengue fever.

Area: Burkina Faso	Event: Measles	<u>Comments</u>
<ul style="list-style-type: none"> <li>• From January 1<sup>st</sup> to Mai 17<sup>th</sup> 2009, Burkina Faso (BF) health authorities reported 42,306 suspect measles cases including 281 deaths (CFR 0.66%).</li> <li>• From April 5, 2009 to date, there has been a twofold increase in the reported cases (see <a href="#">e-Web n°56</a>).</li> <li>• To date, at least 37 out of 56 districts have reported measles cases.</li> <li>• To date, epidemiological characteristics (age, sex) are not available.</li> </ul>	<ul style="list-style-type: none"> <li>• The measles outbreak continues to spread in Burkina Faso (see <a href="#">e-Web n°56</a>).</li> <li>• A measles immunization campaign should start in early June.</li> <li>• In view of travels and migrations between BF and Euro Mediterranean countries, importation of measles cases cannot be excluded.</li> </ul>	

***REPORT of NEW HEALTH EVENTS OCCURING INSIDE THE EPISOUTH AREA  
(Occurring in one or several EpiSouth countries)***

**No events reported this week**

**Table 1: Number of confirmed A(H1N1) novel influenza up to 03/06/09, 11:00 am**

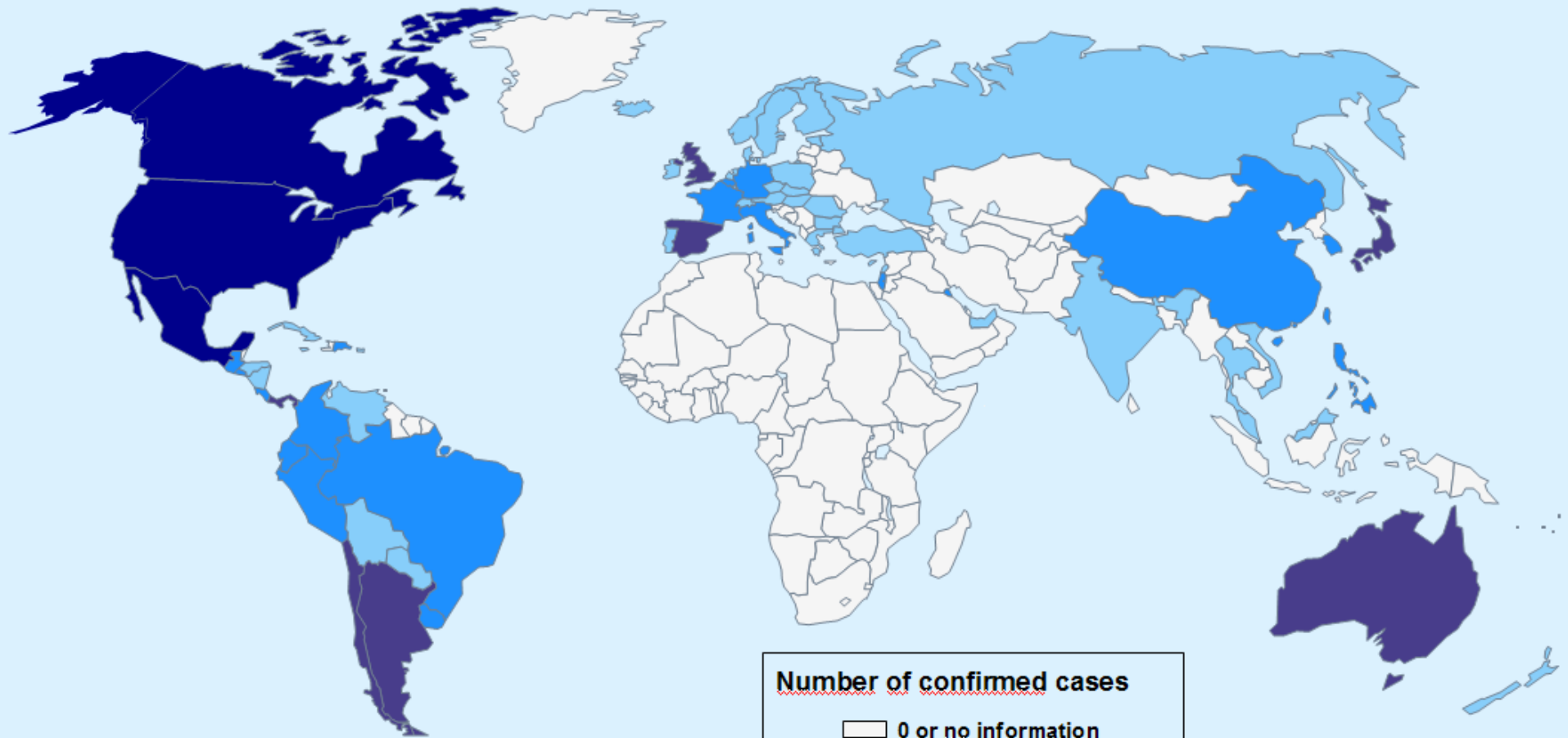
Country	A(H1N1) confirmed cases		Secondary case linked to an imported case (CSI) Secondary case no linked to an imported case (CSL)
	Total	Death	
Argentina	144	0	Suspicion of community transmission
Bahamas	1	0	
Bolivia	3	0	
Brazil	20	0	14 imported case including 1 from EU + 6 CSI
Canada**	1,530	3	Community transmission
Chile	360	1	Evidence of community transmission
Colombia	20	0	3 CSI
Costa Rica	58	1	At least 2 independent CSL, 4 familial CSI
Cuba	4	0	Imported from Mexico
Dominican Republic	11	0	Community transmission
Ecuador	41	0	Imported from Florida, USA, at least 2 CSI
Guatemala	14	0	10 imported cases, 1 familial CSI, 1 CS
Honduras	2	0	1 CSL
Jamaica	2	0	2 imported from USA
Mexico**	5,029	97	Active community circulation
Nicaragua	1	0	1 CSL
Panama	155	0	Community transmission
Paraguay	5	0	1 imported from USA + 4 CSI (including 3 from the same family)
Peru	41	0	Imported from NY , Dominican Republic & Argentina ., 18 CSI (including 4 familial)
Puerto Rico	1	0	Back from a ship cruise
Salvador	41	0	1 Imported from Mexico, 5 familial CSI
Uruguay	15	0	2 imported from Argentina, 4 with no information, 5 CSI
USA*	10,053	19	Community transmission
Venezuela	3	0	1 imported from Panama, 1 CSI
<b>Total Americas</b>	<b>17,554</b>	<b>121</b>	
Austria	1	0	
Belgium	13	0	Imported from USA, 1 imported from Costa Rica, 3 CSI
Bulgaria	1	0	Imported from USA
Cyprus	1	0	From USA via London
Czech Republic	1	0	Imported from NY
Denmark	1	0	(acquired in New York)
Estonia	1	0	Imported from USA
Finland	4	0	2 Imported from Mexico
France	44	0	A 1 <sup>st</sup> CSI case reported
Germany	31	0	13 imported USA, 9 from Mexico, 6 CSI (familial and hospital)
Greece	5	0	Imported USA / Edimbourg (UK)
Hungary	1	0	Imported from USA
Ireland	5	0	2 imported NY
Island	1	0	Imported NY
Italy	30	0	2 Familial CSI, 9 imported from USA + 7 cases in cluster in a school
Luxembourg	1	0	Imported from NY
Netherlands	4	0	
Norway	7	0	2 imported from Mexico, 1 imported from USA
Poland	4	0	Imported (USA)
Portugal	2	0	1 imported from Mexico
Romania	5	0	2 imported from USA, 1 CSI
Russia	3	0	2 imported NY and Dominican Republic
Slovakia	2	0	1 imported USA, 1 familial CSI
Spain	180	0	
Sweden	7	0	3 imported USA
Switzerland	10	0	
United-Kingdom	339	0	Suspicion of community transmission, 2 cases exported in Greece
<b>Total Europe</b>	<b>704</b>	<b>0</b>	
China (continental)	49	0	5 imported from USA, Canada (1 via South Korea), 1 imported from Australia
China (Hong Kong)	26	0	1 imported from Mexico, 4 imported from USA
India	1	0	Imported from NY

Japan	395	0	Evidence for active community circulation in many counties
Malaysia	2	0	Imported from USA
Philippines	21	0	Imported (USA/Canada), 2 CSI, 5 (school cluster), Suspicion of community transmission
Singapore	9	0	7 imported USA
South Korea	42	0	20 imported from USA/Canada, 1 familial CSI
Taiwan	14	0	Imported from USA, 2 imported from Philippines, 1 CSI
Thailand	4	0	
Vietnam	3	0	From USA via Hong-Kong
<b>Total Asia</b>	<b>566</b>	<b>0</b>	
Bahrain	1	0	1 imported NY
Israel	34	0	1 imported from NY
Kuwait	18	0	18 US soldiers who came back in the USA.
Lebanon	3	0	2 imported from Canada, 1 CSI in contact with a Spanish confirmed case
Turkey	4	0	2 imported USA
United Arab Emirates	1	0	Imported Canada
<b>Total Middle-East</b>	<b>61</b>	<b>0</b>	
Australia	502	0	Evidence of community transmission
New Zealand	9	0	With at least 1 case acquired in USA (California)
<b>Total Oceania</b>	<b>511</b>	<b>0</b>	
<b>Total World</b>	<b>19,396</b>	<b>121</b>	

\*According to case definition and national official declaration

\*\* To date, data from Canada, USA, and Mexico are not updated on a daily basis, therefore they should be interpreted carefully.

**Geographic distribution of confirmed A(H1N1) influenza cases, worldwide, 03/06/2009, 11:00 am**



**Number of confirmed cases**

- 0 or no information
- 1 to 10
- 11 to 100
- 101 to 1000
- > 1000

Data from [PHI](#) – [MoH](#) – [WHO](#) / Map [InVS-DIT](#) / [Philcarto](#)

