

## A(H1N1) swine influenza, Worldwide

Situation up to 27 April 2009 at 6:00 PM

- Health authorities of several countries have confirmed human swine influenza cases due to a new A(H1N1) swine virus.
- This virus is different from seasonal H1N1 virus, which is a human virus that usually circulates widely in the world. A human-to-human transmission is confirmed.

### Worldwide epidemiological situation

- Limited human-to-human transmission of A(H1N1) swine influenza has been reported in Mexico, the USA and Canada (Table 1).

**Table 1: Number of confirmed A(H1N1) or A(H1) swine influenza cases and probably exposed, up to 27/04/09 at 6:00 PM**

Country	State/ Province	No of confirmed A(H1N1)	No of confirmed influenza A cases
<b>Mexico</b>	Federal District	17	
	Mexico State	6	
	Oaxaca	1	
	Veracruz	1	
	<b>TOTAL</b>	<b>25</b>	
<b>USA</b>	New York	28	
	Californie (San Diego)	7	
	Kansas	2	
	Texas (San Antonio)	2	
	Ohio	1	
	<b>TOTAL</b>	<b>40</b>	
<b>Canada</b>	New Scotland	4	
	British Columbia	2	
	<b>TOTAL</b>	<b>6</b>	
<b>New Zealand</b>			10
	<b>TOTAL</b>		<b>10</b>
<b>Spain</b>		1	
	<b>TOTAL</b>	<b>1</b>	

### In the USA

- To date, 40 A(H1N1) swine influenza cases were confirmed in 5 States (including 28 cases in New York). Some cases are imported while others are the result of local transmission. Among these 40 cases, none deceased and to date their clinical condition is satisfactory and stable.

## In Mexico

- Since mid-April 2009, nearly 1 500 suspected swine influenza cases causing severe pneumonia, including 84 deaths, have been reported.
- 24 states (on 32 across the country) are affected. Most suspected cases have been reported in Mexico State, in Federal District and San Luis de Potosi State (which reported no confirmed case to date).
- Among suspected cases in Mexico, 25 A(H1N1) cases have been confirmed.
- To date, A(H1N1) swine influenza infections associated with severe clinical symptoms have been reported in 4 Mexican areas:
  - ✓ Federal District
  - ✓ Mexico State
  - ✓ Oaxaca
  - ✓ Vera Cruz

## In Canada

- Several confirmed A(H1N1) swine influenza cases have been reported in Canada (British Columbia and New Scotland). Some of these cases travelled in Mexico but other no.
- To date, no severe symptoms.

## Other countries

- In New Zealand, 10 imported A(H1) influenza cases have been diagnosed. Samples testing are ongoing.
- In many several countries, suspect cases back from Mexico are under investigation.
- The active surveillance launched by countries and the specific A(H1N1) swine influenza surveillance will generate, in the coming days, an increase number of suspect cases and geographic affected areas.

## EpiSouth countries

### Spain

- Spanish authorities reported 1 asymptomatic confirmed case in a 23 years-old male who had a journey in Yucatan (Cancún and Playa del Carmen).

### France

- The French Ministry of health has activated a crisis unit for the surveillance of suspect cases in order to follow the evolution of the situation.
- In order to detect as soon as possible, suspect and probable swine H1N1 influenza cases, a case definition for probable case has been elaborated by the Institut de Veille Sanitaire (InVS) and the French Health General Direction.
- This case definition is based on the current available data. The current clinical case definition **may change overtime** considering the high spread of the epidemics (especially regarding affected geographical areas).
- A case presenting an acute respiratory syndrome :
  - ✓ general signs: fever  $>38^{\circ}$  or ache or asthenia
  - ✓ and respiratory signs: cough or dyspnoeabecomes a probable case, if within the 7 days before symptoms onset:
  1. the case had a journey in California in San Diego or Imperial county (South of California)
  2. the case had a journey in Texas in San Antonio County (near the Mexican frontier)
  3. the case had a journey in Mexico in Mexico city federal district or San Luis Potosi or Baja California or Oaxaca
  4. the case had close contact a possible, probable or confirmed case, within the 24h before symptoms onset.
- In France, several possible cases have been identified but not confirmed. To date, 6 suspect cases are under investigation.