

## A(H1N1) "swine" influenza, Worldwide

Situation up to 28 April 2009 at 12:00 PM

- Health authorities of several countries have confirmed human influenza cases due to a new strain derived from A(H1N1) swine virus.
- This virus is different from seasonal A(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 and the USA. All cases reported in Canada, New Zealand had stayed in Mexico.
- Cases are being confirmed or excluded continuously. The data available worldwide **as of today at 12:00 PM** are presented below.

Table 1: Number of confirmed A(H1N1) or A(H1) swine influenza cases and probably exposed, up to 28/04/09 at 12:00 PM

Continent /Region	Country	Province/State	Suspected cases		Confirmed influenza A cases		Confirmed H1N1mex cases		Comments
			Total	Deaths	Total	Deaths	Total	Deaths	
Americas	Mexico	Federal District					17	4	Local transmission
		Mexico	For all the country:				7	2	
		Oaxaca	1840 cases				1	1	Total confirmed
		Veracruz	152 suspected deaths				1	0	26
		Baja California San Luis de Potosi							
	USA	Ohio					1	0	Local transmission
		Kansas					2	0	
		Texas					2	0	Total confirmed
		California					11	0	44
		NYC					28	0	
Canada	British Columbia					2	0		
	Ottawa	7	0					Total confirmed	
	New Scotland					4	0	6	
Columbia	Bogota	9	0						
Brazil	Sao Paulo	1	0						
	Minas Gerais								
Argentina									
Chile									
Costa Rica	San Jose	14 (incl. 9 excluded)	0						
Porto Rico		some							
Europe	Spain	Peru	1						
		Catalonia	10	0					
		Madrid	4	0					
		Andalusia	2	0					
		Balearic Isles	2	0					
		Asturias	1	0					
		Aragon	1	0					
		Castilla de la Mancha	0	0			1	0	Total confirmed
		Valencia	0	0			1	0	2
		Basque Country	1	0					
		Galicia	1	0					
		Murcia	1	0					
		La Rioja	1	0					
		UK		1 excluded	0				
		Scotland	7	0			2	0	2
France		20	0						
Denmark	Copenhagen	6	0						
	North Jutland								
Sweden		5	0						
Switzerland		5	0						
Italia	Venice	1	0						
Czech Republic	Prague	2	0						
Belgium		6	0						
Irelande		1							
Asia	China	Guanzhou	1	0					
	Hong Kong								
	Taiwan								
	South Korea								
Oceania	New Zealand	Auckland	56	0	10	0			Total confirmed
	Australia	NSW (dont Sydney)	10	0					
		Queensland	4	0					
		Tasmania	3	0					
Middle East	Israel	Kfar Saba	1	0			1	0	

## **In the USA**

- To date, 44 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 44 cases, none have died and to date their clinical condition remains satisfactory and stable.

## **In Mexico**

- Since mid-April 2009, nearly 1 900 lower respiratory tract infections due to suspected A(H1N1) swine influenza cases, including more than 150 suspect deaths, have been reported.
- 24 states (among 32 States in 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 1 900 suspected cases in Mexico, 25 A(H1N1)/Mexico cases have been confirmed.
- To date, A(H1N1) swine influenza infections associated with severe clinical symptoms have been reported in 4 Mexican States:
  - ✓ Federal District
  - ✓ Mexico State
  - ✓ Oaxaca State
  - ✓ Veracruz State

## **In Canada**

- Several confirmed A(H1N1) swine influenza cases have been reported in Canada (British Columbia and New Scotland). All of them had returned from Mexico.
- To date, none have presented severe symptoms.

## **In United Kingdom**

- Two confirmed A(H1N1) swine influenza infections have been reported in Scotland. Both cases had returned from Mexico.

## **Other countries**

- In New Zealand, 10 imported A(H1) influenza cases have been reported. Confirmatory testing is ongoing in Australia.
- Suspect cases in travellers returning from Mexico are under investigation in many countries.
- The active surveillance conducted by countries and the specific A(H1N1) swine influenza surveillance is expected to generate, in the coming days, an increase in the number of suspect cases and geographic affected areas.

## **EpiSouth countries**

### **Spain**

- 2 confirmed cases:
  - ✓ A 23 year-old male residing in Almansa (Albacete, Castilla La Mancha) who travelled in Yucatan (school trip of 9 days in Cancún). None contact with other confirmed human A(H1N1) influenza case.
  - ✓ A 24 year-old male, residing in Valencia, who did the same school trip as the first confirmed case. None contact with other confirmed human A(H1N1) influenza case.

### **Israel**

- 1 confirmed case: a 25 year-old male who returned from Mexico. Date of symptoms onset: 25/04/09.

### **France**

- In France, several suspect cases have been identified but not confirmed. To date, 20 suspect cases are under investigation.