

## **Novel influenza A(H1N1), Worldwide**

Situation **up to 30 April 2009 at 12:00 PM**

- Health authorities of several countries have confirmed human influenza cases due to a new strain, called A(H1N1) Novel influenza virus, derived from a porcine strain.
- This virus is different from human A(H1N1) virus, which is responsible of seasonal influenza outbreaks and usually circulates widely in the world.
- A human-to-human transmission is confirmed.
- On 29<sup>th</sup> of April, WHO increased the level of global pandemic alert at 5 on a scale of 6.

### **Worldwide epidemiological situation**

- Cases are being confirmed or excluded continuously. The data available worldwide **as of today at 12:00 PM** are presented below.
- Please note that each country has its own case definition. 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.
- To date, local human-to-human transmission of A(H1N1) Novel influenza has been reported in Mexico, the USA and Spain. Other countries have reported only imported cases.

### **Mexico**

- Since mid-April 2009, thousands lower respiratory tract infections due to suspected A(H1N1) Novel influenza cases, including dozens suspect deaths, have been reported (on 28/04/09, according to health authorities, nearly 1 840 suspect cases and 159 suspect deaths).
- Most of the 32 States of the country are affected. Most suspected cases have been reported in Mexico State, in Federal District and San Luis de Potosi State.
- Among suspected cases in Mexico, 26 A(H1N1) Novel influenza cases, including 7 deaths, have been confirmed (source: PAHO).

### **Costa Rica**

- One confirmed case was reported: a woman who had returned from Mexico.

### **Peru**

- One confirmed case was reported: a person who had returned from Mexico.

### **USA**

- To date, 95 A(H1N1) Novel influenza cases were confirmed in 11 States (including 51 cases in New York). Some cases are imported while others are the result of local transmission. Most of cases' conditions have remained satisfactory and stable. However, some cases have been hospitalised and 1 death was reported today (a 23 year-old child who came from Mexico).

### **Canada**

- 19 confirmed A(H1N1) Novel influenza cases have been reported in Canada (4 provinces: British Columbia, Alberta, Ontario and New Scotland). All of them had returned from Mexico.
- To date, none have presented severe symptoms.

## **United Kingdom**

- 5 confirmed A(H1N1) Novel influenza cases were reported (3 in England and 2 in Scotland).
- All had been infected in Mexico.

## **Germany:**

- To date, 3 confirmed cases have been reported. All reported a travel in Mexico.

## **Switzerland**

- To date, 1 confirmed case has been reported. He had been infected in Mexico.

## **New Zealand**

- 13 imported cases have been confirmed by New Zealand authorities.

## **Other countries**

- Suspect cases in travellers returning from Mexico are under investigation in many countries.
- The active surveillance conducted by countries and the specific A(H1N1) Novel 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**

- 10 confirmed A(H1N1) Novel influenza cases have been reported.
- 6 have been reported in Catalonia, one of them by intra familial transmission.

### **Israel**

- 2 confirmed A(H1N1) Novel influenza cases have been reported.
- Both had travelled in Mexico.

### **France**

- To date, 32 suspect cases are under investigation.
- 5 of them are considered as probable cases (RT-PCR tests for Influenza A positive or close contacts with sick people). Laboratory confirmation for A(H1N1) Novel influenza is pending.
- To date, no confirmed A(H1N1) Novel influenza cases have been reported in France.

**Table 1: Number of confirmed A(H1N1) Novel influenza cases or A(H1) influenza and exposed cases, up to 30/04/09 at 12:00 PM \***

Continent /Region	Country	Province/State	Suspected cases <sup>†</sup>		Confirmed Inluenza A cases		Confirmed H1N1mex cases*		Local transmission
			Total	Deaths	Total	Deaths	Total	Deaths	
Americas	Mexico	Federal District					17	4	
		Mexico					7	2	
		Oaxaca	1840 suspect cases				1	1	
		Veracruz	159 suspect deaths				1	0	
		Baja Califronia							
		San Luis de Potosi							
		<b>Total Mexico</b>						<b>26</b>	<b>7</b>
	USA	Ohio					1	0	ND
		Kansas					2	0	FT
		Texas					16	1	FT/ComT
		Arizona					1	0	
		Illinois			9	0			
		Massachusetts					2	0	
		Main	2	0			3	0	
		Michigan					2	0	Local
		Nevada					1	0	
		California					15	0	ComT
		NYC					51	0	ColIT
		Indiana					1	0	ND
	<b>Total USA</b>				9	0	<b>95</b>	<b>1</b>	<b>YES**</b>
	Canada	British Columbia					6	0	
		Alberta					2		
		Ontario	7	0			7		
		New Scotland					4	0	
		<b>Total Canada</b>					<b>19</b>	<b>0</b>	<b>NO</b>
	Columbia	Bogota	9	0					
Brazil	Sao Paulo	1	0						
	Minas Gerais								
Costa Rica	San Jose	14 (incl. 9 excluded)	0			1	0		
Porto Rico		some							
Peru		1		1	0				
<b>Total South America</b>				<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>NO</b>	
Europe	Spain	Catalonia	8	0			6	0	FT
		Madrid	12	0					
		Andalusia	11	0					
		Asturias	1	0					
		Castilla de la Mancha	0	0			2	0	
		Valencia	12	0			1	0	
		Extramadura	1						
		Rioja	1						
		Navarra	1						
		Basque Country	0	0			1	0	
		Castilla y Leon	2						
		Galicia	2	0					
		Murcia	2	0					
		<b>Total Spain</b>			0			<b>10</b>	<b>0</b>
	UK	England		0			3	0	
		Scotland	70	0			2	0	
	<b>Total UK</b>						<b>5</b>	<b>0</b>	<b>NO</b>
	France		32	0	2		0	0	
	Denmark	Copenhagen	6	0					
		North Jutland							
	Sweden		5	0					
	Germany	Bavaria					2	0	
		Hamburg					1	0	
	Austria	Vienna					1	0	
	Switzerland		24	0			1	0	
	Italia	Venice	1	0					
Czech Republic	Prague	2	0						
Belgium		6	0						
Ireland		1							
<b>Total Europe</b>				<b>2</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>NO</b>	
Asia	China	Guanzhou	1	0					
	Hong Kong								
	Taiwan								
	South Korea								
<b>Total Asia</b>						<b>0</b>	<b>0</b>		
Africa	South Africa		1						
<b>Total Africa</b>									
Middle East	Israel	Kfar Saba	2	0			2	0	
<b>Total Middle East</b>							<b>2</b>	<b>0</b>	<b>NO</b>
Oceania	New Zealand	Auckland	5	0	13 <sup>a</sup>	0	3	0	
	Australia	NSW (incl. Sydney)	54	0					
		Victoria	7						
		South Australia	5						
		Northern Territory	1						
		Australian Capital Territory (ACT)	1						
		Western Australia	12						
		Queensland	27	0					
		Tasmania	3	0					
<b>Total Oceania</b>						<b>3</b>	<b>0</b>	<b>NO</b>	
<b>Total World</b>						<b>166</b>	<b>8</b>		

† Most of sources used for the suspect cases are press articles; the numbers of suspect cases are likely to change quickly. Therefore these data are not a reliable indicator to monitor the situation and must be interpreted with precaution.

\* According to national case definitions and official statements

\*\* Not determined (ND), Transmission within family or friends (FT), collectivity transmission (ColIT), community transmission (ComT). Community transmission is limited to 3 counties in California (Imperial, San Diego and San Bernardino) and one county in Texas (San Antonio).

<sup>a</sup>11 probable cases are considered as "confirmed" by NZ health authorities