

Novel influenza A(H1N1), Worldwide

Situation **up to 29 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.
- WHO increased the level of global pandemic alert at 4 on a scale of 6.

Worldwide epidemiological situation

- To date, human-to-human transmission of A(H1N1) Novel influenza has been reported in Mexico and the USA.
- 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.

Mexico

- Since mid-April 2009, nearly 1 840 lower respiratory tract infections due to suspected A(H1N1) Novel influenza cases, including more than 159 suspect deaths, have been reported.
- 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).

USA

- To date, 65 A(H1N1) Novel influenza cases were confirmed in 6 States (including 45 cases in New York). Some cases are imported while others are the result of local transmission. Among these 65 cases, 3 have been hospitalised in California and 2 in Texas. No deaths have been reported and to date all cases remain in a satisfactory and stable clinical condition.

Canada

- 13 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.

Costa Rica

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

United Kingdom

- 2 confirmed A(H1N1) Novel influenza cases were reported in Scotland.
- Both had been infected in Mexico.

Germany:

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

New Zealand

- 14 imported cases have been confirmed by New Zealand authorities and 5 are still under investigation.

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

- 2 confirmed A(H1N1) Novel influenza cases have been reported.
- Both had been infected in Mexico. They travelled in Yucatan (school trip of 9 days in Cancún).
- They live in Valencia and Castilla de la Mancha provinces

Israel

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

France

- To date, 32 suspect cases are under investigation.
- 2 of them are considered as probable cases (RT-PCR tests for Influenza A positive). 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 29/04/09 at 12:00 PM *

Continent /Region	Country	Province/State	Suspected cases		Confirmed Influenza A cases		Confirmed H1N1mex cases		Local transmission	
			Total	Deaths	Total	Deaths	Total	Deaths		
Americas	Mexico	Federal District					17	4		
		Mexico	For the country				7	2		
		Oaxaca	1840 suspect cases				1	1		
		Veracruz	159 suspect deaths				1	0		
		Baja California								
		San Luis de Potosi								
		Total Mexico						26	7	YES
	USA	Ohio					1	0	ND	
		Kansas					2	0	FT	
		Texas					6	0	FT / ComT	
		California					10	0	ComT	
		NYC					45	0	ColIT	
		Indiana					1	0	ND	
		Total USA						65	0	YES**
	Canada	British Columbia					3	0		
		Alberta					2			
		Ontario		7	0		4			
New Scotland						4	0			
		Total Canada						13	0	NO
Columbia	Bogota		9	0						
Brazil	Sao Paulo		1	0						
	Minas Gerais									
Costa Rica	San Jose		14 (incl. 9 excluded)	0		1				
Porto Rico			some							
Peru			1							
	Total South America			1			1	0	NO	
Europe	Spain	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		
		Valencia	0	0			1	0		
		Basque Country	1	0						
		Galicia	1	0						
		Murcia	1	0						
		Rioja	1	0						
			Total Spain						2	0
	UK			1 excluded	0					
		Scotland		7	0			2	0	
		Total UK						2	0	NO
	France			32	0	2		0	0	
	Denmark	Copenhagen		6	0					
		North Jutland								
	Sweden			5	0					
	Germany	Bavaria					2			
Hamburg						1				
Switzerland			5	0						
Italia	Venice		1	0						
Czech Republic	Prague		2	0						
Belgium			6	0						
Ireland			1							
	Total Europe						7	0	NO	
Asia	China	Guangzhou	1	0						
	Hong Kong									
	Taiwan									
	South Korea									
		Total Asia						0	0	
Middle East	Israel	Kfar Saba	1	0			2	0		
	Total Middle East						2	0	NO	
Oceania	New Zealand	Auckland	5	0		0	14	0		
	Australia	NSW (incl. Sydney)	10	0						
		Queensland	4	0						
		Tasmania	3	0						
		Total Oceania						14	0	NO
	Total World						128	7		

* 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 in 2 counties in California (Imperial and San Diego) and one county in Texas (San Antonio).