



# H1N1 READINESS REPORT

Issue 58

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## PHASE 6

Widespread human infection - global pandemic underway

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NC4 is committed to delivering solutions that heighten the Situational Readiness of our members. Since inception, NC4 has provided members with special coverage of pandemic outbreaks, giving them relevant data – not just media hype. To fulfill our mission of delivering accurate, timely and secure information to help you manage uncertainty, we provide daily alerting through our External Situational Awareness (ESA) service along with this H1N1 Readiness Report which is distributed three times a week.

## What's New

- The U.S. Federal government has posted a “Flu Shot Locator” tool on its flu.gov website. The tool allows for the public to find state-specific information on the availability and location of vaccine against seasonal and pandemic H1N1 influenza. This week, the Centers for Disease Control and Prevention (CDC) reported that young people continue to be hit particularly hard by the 2009 H1N1 virus. People younger than 24 years have accounted for more than half of all pandemic H1N1-related hospitalizations between September 1st and October 10th. While most hospitalizations and deaths from the seasonal flu are in people over the age of 65 (90% of all deaths), about 90% of hospitalizations and deaths from 2009 H1N1 flu are in people age 64 and younger. Furthermore, the CDC urges health care providers to start antiviral treatment of high-risk influenza patients as soon as possible, even before laboratory confirmation of the 2009 pandemic H1N1 virus is obtained.

## SIGNS TO WATCH FOR

People should seek medical attention if experiencing any of the following:

- Shortness of breath, either during physical activity or while resting
- Difficult breathing
- Turning blue
- Bloody or colored sputum
- Chest pain
- Altered mental status
- High fever that persists beyond 3 days
- Low blood pressure

In children, danger signs include fast or difficult breathing, lack of alertness, difficult waking up, and little or no desire to play.



**1.** A possible first case of 2009 pandemic H1N1 flu infection in a pig was reported from Japan's Osaka Prefecture, the Prefecture and Farm Ministry said on Tuesday. The National Institute of Animal Health in Tsukuba in Ibaraki Prefecture is currently analyzing samples and will announce the results in the coming days.

**2.** Iraqi officials said that to prevent a further spread of the 2009 pandemic H1N1 virus, several thousand schools in the country will be closed for 7-10 days starting on Wednesday. The announcement came after dozens of new cases were reported in Iraq, particularly in Wasit and Dhi Kar provinces. The officials said that about 1,200 schools in Wasit province and 1,500 in Dhi Kar province would be closed, along with some universities. At least two schools in Baghdad have already been closed for several days due to H1N1.

**3.** A second known, global H1N1 infection of turkeys has been reported from the Canadian province of Ontario, provincial government officials said. The first known case was reported from Chile in August. No birds or eggs from the Ontario turkey farm entered the food supply and the infection poses minimal risk to human health, Dr. Arlene King, Ontario's chief medical officer of health, said in a news conference.

**4.** Authorities at primary schools in Metamorphosi, northern Athens, and the Thessaloniki district of Panorama decided to suspend lessons and clear the premises for disinfection after several children tested positive for the pandemic H1N1 virus. Earlier this month another two schools were closed in the Cretan prefecture of Hania after several pupils tested positive for H1N1. This followed the closure of four schools in Attica, two state institutions and two private ones.

### Canadian Cases by Province / Territory

Confirmed by Public Health Agency of Canada, October 20 PM

Province / Territory	Deaths
Alberta	8
British Columbia	9
Manitoba	7
New Brunswick	0
Newfoundland	0
Northwest Territories	0
Nova Scotia	1
Nunavut	1
Ontario	25
Prince Edward Island	0
Quebec	27
Saskatchewan	5
Yukon	0
<b>Total</b>	<b>83</b>

### U.S. Influenza and Pneumonia-Associated Hospitalizations and Deaths

Reported by the CDC for the period of August 30 – October 10, 2009

Cases Defined by	Hospitalizations	Deaths
Influenza and Pneumonia Syndrome*	15,696	2,029
Influenza Laboratory-Tests**	4,958	292
<b>Totals</b>	<b>20,654</b>	<b>2,321</b>

\* Reports can be based on syndromic, admission or discharge data, or a combination of data that could include laboratory-confirmed and influenza-like illness hospitalizations

\*\* Laboratory confirmation includes any positive influenza test

The U.S. Federal Government has posted nine “flu essentials” onepagers on their flu.gov website.

The “Know What to Do if You or a Loved One Gets the Flu” section includes advise from doctors and health care professionals at HHS for:

1. People with Asthma
2. People with Diabetes or Who Have a Weakened Immune System
3. Doctors and Other Health Care Providers
4. Emergency Warning Signs
5. Symptoms & Basic Steps
6. Parents and Caregivers of Young Children
7. Pregnant Women
8. Who’s at High Risk for Complications?
9. 10 Ways You Can Stay Healthy at Work

## Countries / Territories Reporting Pandemic H1N1 Influenza Cases

Western Hemisphere	Europe	Africa	Middle East	Asia/Pacific
Antigua & Barbuda	Andorra	Algeria	Afghanistan	American Samoa
Argentina	Austria	Angola	Bahrain	Australia
Bahamas	Azerbaijan	Botswana	Cyprus	Bangladesh
Barbados	Belgium	Cameroon	Egypt	Brunei Darussalam
Belize	Bosnia/Herzegovina	Cape Verde	Iran	Bhutan
Bermuda	Bulgaria	Cote d'Ivoire	Iraq	Cambodia
Bolivia	Croatia	Djibouti	Israel	China
Brazil	Czech Republic	Ethiopia	Jordan	Cook Island
British Virgin Islands	Denmark	Gabon	Kuwait	Fiji
Canada	Estonia	Ghana	Lebanon	French Polynesia
Cayman Islands	Finland	Kenya	Oman	Guam
Chile	France	Lesotho	Palestine	India
Colombia	Germany	Libya	Saudi Arabia	Indonesia
Costa Rica	Greece	Malawi	Syria	Japan
Cuba	Hungary	Mozambique	Turkey	Kazakhstan
Curacao	Iceland	Mauritius	United Arab Emirates	Kiribati
Dominica	Italy	Morocco	West Bank/Gaza Strip	Korea, Republic of
Dominican Republic	Ireland	Namibia	Yemen	Laos
Ecuador	Isle of Man	Reunion Island		Madagascar
El Salvador	Jersey	Seychelles		Malaysia
Falkland Islands	Latvia	South Africa		Maldives
French Guiana	Lithuania	Sudan		Marshall Islands
Grenada	Luxembourg	Swaziland		Micronesia
Guadeloupe	Malta	Tanzania		Myanmar
Guatemala	Macedonia	Tunisia		Nauru
Guyana	Moldova	Uganda		Nepal
Haiti	Monaco	Zambia		New Caledonia
Honduras	Montenegro	Zimbabwe		New Zealand
Jamaica	Netherlands			Pakistan
Martinique	Norway			Palau
Mexico	Poland			Papua New Guinea
Nicaragua	Portugal			Philippines
Panama	Romania			Samoa
Paraguay	Russia			Singapore
Peru	Serbia			Solomon Islands
Saint Kitts & Nevis	Spain			Sri Lanka
Saint Lucia	Slovakia			Thailand
Saint Martin	Slovenia			Timor-Leste
Saint Vincent & Grenadines	Sweden			Tonga
Sint Eustatius	Switzerland			Tuvalu
Suriname	Ukraine			Vanuatu
Trinidad & Tobago	United Kingdom			Vietnam
Turks & Caicos Islands				Wallis & Futuna
United States				
Uruguay				
Venezuela				

World Health Organization Reports

WHO Regions	Cumulative Totals	
	Cases	Deaths
Africa (AFRO)	12,456	70
Americas (AMRO)	153,697	3,406
Eastern Mediterranean (EMRO)	13,855	90
Europe (EURO)	Over 61,000	At least 207
South-East Asia (SEARO)	39,522	530
Western Pacific (WPRO)	118,702	432
<b>Grand Total</b>	<b>Over 399,232</b>	<b>At least 4,735</b>

