



Nevada State Health Division

Public Health Preparedness

September 4, 2009

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Introduction

The purpose of this report is to provide pertinent public health information to public health, healthcare providers and other community stakeholders, as well as to the general public. This report replaces the Nevada State Health Division (NSHD) weekly influenza report and will be published on the first and third Friday of each month.

Nevada State Public Health Laboratory Counts

According to the Nevada State Public Health Laboratory (NSHPL), as of 1:00pm PT, September 3, 2009, Nevada had 917 **confirmed** cases of H1N1 flu and 38 **probable** cases. All of the probable cases, with one exception, are due to samples with viral loads too low for subtyping. ****Does not include private laboratory testing****

Nevada State Public Health Laboratory Cases of H1N1 Flu Infection			
County	Confirmed	Probable	Deaths
Carson City	106	13	
Clark	159	3	10
Washoe	456	17	
Other 14 counties	196	5	
Total	917	38	10

The NSPHL has tested a total of 3,034 samples since April 26, 2009. Cumulative total results, detailed for the last 3 months, are noted below. ****Does not include private laboratory testing****

	Total Tested	H1N1	% H1N1	H1	H3	B	Total Other	% Other	Total Negative	% Negative
September 3, 2009	3,034#	917	30.2%	20	73	78	171	5.7%	1,946	64.1%
August 20, 2009	2,618	794	30.4%	20	73	78	171	6.5%	1,673	63.1%
August 13, 2009	2,459	713	29.0%	20	73	78	171	7.0%	1,575	64.0%
August 6, 2009	2,320	663	28.6%	20	73	78	171	7.4%	1,486	64.0%
July 23, 2009	1,876	468	24.9%	20	73	78	171	9.1%	1,237	66.0%
July 16, 2009	1,667	381	22.9%	20	73	78	171	10.3%	1,115	66.8%
July 9, 2009	1,575	320	20.3%	20	73	78	171	10.9%	1,084	68.8%
July 2, 2009	1,450	293	20.2%	20	73	78	171	11.8%	986	68.0%
June 25, 2009	1,344	240	17.9%	20	73	78	171	12.7%	933	69.4%
June 18, 2009	1,265	215	17.0%	20	73	78	171	13.5%	879	69.5%
June 04, 2009	1,051	136	12.9%	20	68	78	166	15.8%	749	71.3%

** update not available for July 30, 2009 , June 11, 2009

Seasonal Influenza Activity

According to the CDC, for MMWR **week 33** (August 16-22, 2009), influenza activity remained stable or continued to decline in most areas of the U.S., with the exception of increased activity in the Southeast. Nationwide a total of 8,843 hospitalizations and 556 deaths associated with 2009 H1N1 influenza viruses have been reported to the CDC, an increase from 7,983 hospitalizations and 522 deaths from the prior week.

There are 5 levels of influenza activity as defined by the CDC.

- **No Activity:** No laboratory-confirmed cases of influenza and no reported increase in the number of cases of ILI.
- **Sporadic:** Small numbers of laboratory-confirmed influenza cases or a single laboratory-confirmed influenza outbreak has been reported, but there is no increase in cases of ILI.
- **Local:** Outbreaks of influenza or increases in ILI cases and recent laboratory-confirmed influenza in a single region of the state.
- **Regional:** Outbreaks of influenza or increases in ILI and recent laboratory confirmed influenza in at least two but less than half the regions of the state with recent laboratory evidence of influenza in those regions.
- **Widespread:** Outbreaks of influenza or increases in ILI cases and recent laboratory-confirmed influenza in at least half the regions of the state with recent laboratory evidence of influenza in the state.

For MMWR week 33:

- 2 states reported **widespread** activity
- 13 states reported **regional** activity
- 10 states reported **local** activity
- 24 states reported **sporadic** activity
- 1 states reported **no activity**

Nevada has 5 reporting regions. For MMWR week 33, we are at “**regional**” influenza activity.

Information on influenza activity and surveillance can be found at <http://www.cdc.gov/flu/weekly/fluactivity.htm>

H1N1 Supplemental Funding – Phase III

An additional \$846 million in Public Health Emergency Response (PHER) Phase III funding is available for the implementation of the 2009 H1N1 influenza mass vaccination campaign expected to begin in mid-October 2009. These funds supplement the \$248 million provided in August (PHER – Phase II) and the \$260 million provided in July (PHER – Phase I). Nevada will receive \$13,765,554 in federal funding from the following grants:

- \$ PHER – Phase III - \$8,047,201
- \$ PHER – Phase II - \$2,846,559
- \$ PHER – Phase I – \$2,134,789
- \$ Hospital Preparedness - \$737,005

PHER – Phase I funding is divided into two focus areas:

- Focus Area 1 – Vaccination, Antiviral Distribution/Dispensing and Administration, Community Mitigation and Other Associated Pandemic Preparedness and Response Activities (\$1,601,092)
- Focus Area 2 – Laboratory, Epidemiology, Surveillance, and Other Associated Pandemic Preparedness and Response Activities (\$533,697)

PHER – Phase II funding is provided to augment Focus Area 1 activities. Focus Area 2 activities are not included in this additional funding.

PHER – Phase III funding is intended to fund for vaccination administration at the state, local, tribal, and territorial levels, to enhance the capabilities of the private sector to administer vaccine and to address any remaining mass vaccination-related implementation gaps identified during PHER – Phase I and Phase II planning.

National Preparedness Month (NPM) 2009

National Preparedness Month (NPM) is sponsored by the *Ready* Campaign and Citizen Corps. NPM is held each September to encourage Americans to take simple steps to prepare for emergencies in their homes, businesses and communities.

This year marks the sixth annual NPM. NPM 2009 will focus on changing perceptions about emergency preparedness and helping Americans understand what it truly means to be “*Ready*”.

The *Ready* Campaign’s websites and toll-free numbers provide free emergency preparedness information in English and Spanish.

The websites can be found at <http://www.ready.gov> (English) and <http://www.listo.gov> (Spanish)

The toll-free numbers are: 1-800-BE-READY (English) and 1-800-SE-LISTO (Spanish)

Guidance on Helping Child Care & Early Childhood Programs Respond to Flu during 2009-2010 Flu Season

On September 4, 2009, the CDC released guidance to help decrease the spread of influenza among children in child care and their providers during the upcoming flu season. It recommends actions to take now and during the 2009-2010 flu season, suggests strategies should the flu become more severe and provides a decision-making checklist for those at the local level.

The guidance can be found at: <http://www.cdc.gov/h1n1flu/childcare/guidance.htm>

West Nile Virus Activity

As of September 4, 2009, there have been 12 cases of West Nile virus (WNV) reported in Nevada. All cases are in Clark County. The number of human cases associated with WNV in Nevada is updated every Friday throughout the WNV season at:

http://health.nv.gov/WestNileVirus_Activity.htm

Information provided by the Animal Disease and Food Safety Laboratory:

Mosquito pools tested: 112 – two positive pools in Clark County

West Nile Virus Prevention

These actions will help protect you and others against West Nile virus:

- Avoid mosquito bites
 - Wear long sleeve shirts, long pants and socks
 - Use insect repellent containing DEET (look for N, N-diethyl-m-toluamide) on exposed skin when outdoors
 - Use insect repellent according to directions
- Mosquito-proof your home
 - Install or repair window and door screens
 - Drain standing water so mosquitoes do not have a place to breed
 - Empty water from buckets, cans, pools covers, flower pots and other items
- For additional animal information:
 - Call the Nevada Department of Agriculture at 775-353-3718