



Nevada State Health Division

Public Health Preparedness

October 30, 2009

In This Report

- [Introduction](#)
- [Nevada State Public Health Laboratory Counts](#)
- [H1N1 Vaccination Activities](#)
- [H1N1 Planning and Response Activities](#)
- [H1N1 Tribal Community Activities](#)
- [H1N1 Public Information Activities](#)
- [H1N1 Disease and Surveillance Activities](#)
- [Seasonal Influenza Activity](#)
- [CDC Updates](#)

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 will be published weekly.

Nevada State Public Health Laboratory Counts

According to the Nevada State Public Health Laboratory (NSHPL), as of 11:00am PT, October 28, 2009, Nevada had 2,323 **confirmed** cases of H1N1 flu and 60 **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	343	19	0
Clark	274	6	18
Washoe	1,037	26	2
Other 14 counties	669	9	1
Total	2,323	60	21

The NSPHL has tested a total of 5,795 samples since April 26, 2009. Cumulative total results, detailed for the last 12 weeks, are noted below. No samples identified as H1, H3 or B have been received since May 2009, thus cumulative totals remain unchanged.

****Does not include private laboratory testing****

	Total Tested	H1N1	% H1N1	H1	H3	B	Total Other	% Other	Total Negative	% Negative
October 28, 2009	5,795	2,323	40.1%	20	73	78	171	2.9%	3,301	57.0%
October 14, 2009	4,714	1,871	39.7%	20	73	78	171	3.6%	2,672	56.7%
October 7, 2009	4,467	1,677	37.6%	20	73	78	171	3.8%	2,619	58.6%
September 30, 2009	4,119	1,526	37.1%	20	73	78	171	4.1%	2,422	58.8%
September 17, 2009	3,476	1,179	33.9%	20	73	78	171	4.9%	2,126	61.2%
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 2, 2009	1,450	293	20.2%	20	73	78	171	11.8%	986	68.0%

**** update not available for October 21, 2009 & July 30, 2009**

H1N1 Vaccination Activities

Target Groups

On July 29, 2009, the Advisory Committee on Immunization Practices (ACIP)-an advisory committee to the Centers for Disease Control and Prevention (CDC)-recommended that H1N1 flu vaccine be made available first to the following five groups:

- Pregnant women.
- Healthcare workers and emergency medical services workers.
- People 6 months through 24 years of age.
- People who care for infants under 6 months of age.
- People 24 through 66 years of age with chronic medical conditions.

Vaccine Distribution

- For the week ending October 30, 2009 Nevada's expected allotment was to have been 85,934 doses. Nevada actually received 63,000 doses, or a little over 73% of the expected allotment.
- In total, as of October 28, 2009, Nevada has been allocated 206,900 doses of vaccine allocation from the CDC. Of that, 143,900 doses have been ordered, received and distributed to public health entities, community health nurses, and Federally Qualified Health Centers (in rural areas without a public health presence).
 - FluMist (intranasal) – 64,800
 - Injectable (shots) – 79,100

Healthcare Providers

- Provider enrollment is taking place for H1N1 vaccine. As of October 28, 2009, 666 providers have submitted enrollment forms, with 580 enrollments completed.
- The IZ Program will not ship vaccine to any provider who has not enrolled. Provider enrollment deadlines are now on Fridays, by 5pm, in order to receive initial vaccine allotments the following week.
- The IZ Program is conducting weekly provider teleconferences, with an average of over 100 participants. This is an information sharing call, ending with questions and answers. Notes from these calls are posted every week on the www.flu.nv.gov website for those providers who are unable to attend.
- Provider webinars began on October 13, 2009. Topics include proper vaccine storage and handling, as well as reporting and ordering requirements. Numerous sessions have been scheduled and the schedule can be found at www.flu.nv.gov, under the Healthcare Provider tab and scroll down to Webinars. Webinar registration information is also provided.
- Also under the Webinar section is a How To Administer Vaccine self-study course for healthcare providers.

Tracking of Doses Administered

As NSHD receives shipments of the H1N1 vaccine and distributes it across Nevada, public, private and tribal providers will be required to report the doses that they administer on a weekly basis. The NSHD's IZ Program has begun collecting this data and reporting it as required to the CDC. County breakdowns for the first two (2) weeks will be provided in next week's report.

- As of October 28, 2009, a total of **31,455** doses of H1N1 vaccine have been administered throughout the state, by both private and public providers.
 - **22,862** doses (October 18-24, 2009)
 - Carson City = 1,833
 - Churchill = 101
 - Clark = 17,858
 - Douglas = 137
 - Elko = 279
 - Humboldt = 14
 - Lincoln = 28
 - Vaccine has not yet been administered in Esmeralda, Eureka, Lander and Pershing counties.
 - Lyon = 18
 - Mineral = 17
 - Nye = 207
 - Storey = 4
 - Washoe = 2,253
 - White Pine = 113
 - **7,852** doses (October 11-17, 2009)
 - **741** doses (October 4-10, 2009)

H1N1 Planning and Response Activities

Planning and response activities have been ongoing to ensure Nevada is ready to act during the 2009-2010 influenza season. These ongoing activities include:

- H1N1 vaccine (nasal spray and shots) are now being offered by local health departments, for those who are in the CDC's target groups listed on page 2 of this report. Vaccines are offered at no cost, on a first-come, first-served basis. Check the **H1N1 Flu Vaccine Locator** at: <http://health.nv.gov/> or contact the appropriate local health department for clinic specific information. Some upcoming clinics are listed below.
 - **Thursday, December 17, 2009 from 10am – 6pm** (based on vaccine availability)
 - Humboldt County
102 E. Haskell Street, Winnemucca
Nasal spray and shots offered
 - **Thursday, December 3, 2009 from 10am – 6pm** (based on vaccine availability)
 - Humboldt County
102 E. Haskell Street, Winnemucca
Nasal spray and shots offered
 - **Thursday, November 19, 2009 from 10am – 6pm** (based on vaccine availability)
 - Humboldt County
102 E. Haskell Street, Winnemucca
Nasal spray and shots offered
 - **Thursday, November 5, 2009 from 10am – 6pm** (based on vaccine availability)
 - Humboldt County
102 E. Haskell Street, Winnemucca
Nasal spray and shots offered
 - **Thursday, October 29, 2009, from 1pm – 7pm**
 - Washoe County Health District - Admin Complex, Building B, 1st floor
1001 E. Ninth Street, Reno (corner of Wells Ave & 9th St., south of Livestock Event Center)
Nasal spray and shots offered
 - **Wednesday, October 28, - Thursday, October 29, 2009**
 - Carson City Elementary Schools (grades K-5th)
Carson City
 - **Monday, October 26 – Thursday, October 29, 2009 from 10am – 6pm** (based on vaccine availability)
 - Ravenholt Public Health Center
625 Shadow Lane, Las Vegas
Nasal spray offered
- Carson City's October 29, 2009 H1N1 clinic listed in last week's report has been cancelled due to shortage of vaccine.
- For the week of October 18-24, 2009, the toll-free bilingual hotline (866-767-5038) received 4,848 calls seeking information on H1N1, more than double the number of calls from the previous week. The total calls received for the previous week (October 11-17, 2009), was 2,276. .
- The NSHD conducted a vaccination clinic for Health and Human Services as well as Department of Public Safety personnel. Seasonal influenza vaccine was offered to all and H1N1 vaccine was offered to those who are in the CDC priority groups. Approximately 350 people were vaccinated in a five (5) hour period.
- NSHD activated its Division Operations Center (DOC) to manage all H1N1 planning and response efforts. The DOC follows the Incident Command System (ICS) structure. Weekly meetings are conducted to discuss Health Division H1N1 activities and updates.
- The NSHD conducts a weekly conference call with the local health departments to share H1N1 planning and response activities and information to ensure effective and unified H1N1 operations statewide.

H1N1 Tribal Community Activities

The NSHD's PHP Tribal Liaison is working with the various tribal communities to ensure that they are prepared for the 2009-2010 influenza season.

- Tribal clinics are now administering the H1N1 vaccine in their communities.
- Indian Health Board of Nevada is participating in NSHD's weekly H1N1 vaccine distribution conference call.

H1N1 Public Information Activities

The NSHD's Public Information Officer (PIO) is working with PIOs at the state and local levels to keep the public informed during the 2009-2010 influenza season and to provide consistent information across the state. Public information activities include:

- Constant updating of the toll-free bilingual hotline (866-767-5038) with general information on H1N1 influenza and H1N1 vaccination clinics being conducted statewide by local health departments.
- Continuing conducting bimonthly PIO meetings, with NSHD PIO serving as the lead.
- Scheduled for October 29, 2009 a second conference call with frontier and rural "PIOs" (those in the rural counties that have been assigned PIO duties for their county).
- Nevada Broadcasting Association flu prevention radio spots in English and Spanish are now airing on the radio statewide.
- PHP funded flu prevention ads are appearing in Parents Magazine on H1N1 (Nov issue).
- Continuing to update the www.flu.nv.gov website.

H1N1 Disease and Surveillance Activities

Influenza surveillance is being conducted in conjunction with H1N1 vaccination activities. In preparation for the upcoming 2009-2010 influenza (regular and H1N1) season, the following disease and surveillance activities are underway:

- Continue weekly tracking of seasonal and H1N1 influenza confirmed cases, hospitalizations, and deaths in Nevada.
- Continue providing information as requested to the CDC's Influenza Branch.
- Continue regular monitoring of over-the-counter (OTC) healthcare products usage in Nevada and nationwide using the National Retail Data Monitor (NRDM) system. NRDM monitors the sales of these OTCs to help identify disease outbreaks as early as possible.
- Continue daily monitoring of EpiCenter activity. EpiCenter collects and analyzes real-time data from emergency departments of participating Nevada hospitals and urgent care facilities. This provides a picture to public health of disease activity occurring in Nevada and also serves as another tool in the early detection of disease outbreaks.

Seasonal Influenza Activity

Seasonal Influenza Statistics

According to the CDC, for MMWR **week 41** (October 11-17, 2009), influenza activity increased in the U.S. Nationwide a total of 30,027 hospitalizations and 2,827 deaths "associated with influenza virus infection, or based on syndromic surveillance for influenza and pneumonia" were reported to the CDC from August 30-October 17, 2009, 2009. According to the CDC:

- Patient visits to doctors for influenza-like illness (ILI) increased steeply since last week and overall, are much higher than what is expected for this time of year. ILI activity now is higher than what is seen at the peak of many regular flu seasons.
- Total influenza hospitalization rates for adults and children that are *laboratory-confirmed* as influenza are higher than expected for this time of year and continue to rise.
- The proportion of deaths associated with pneumonia and influenza has increased and has been higher than what is expected at this time of year for two weeks. A total of 95 laboratory confirmed 2009 H1N1 pediatric deaths have been reported to the CDC since April 2009.
- Forty-six (46) states are reporting **widespread** influenza activity. The number of states reporting widespread activity is unprecedented during seasonal flu. Last week there were 41 states reporting widespread influenza activity.

Nevada has 5 reporting regions. For MMWR week 41, we are at "**widespread**" activity, which is defined as 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 those regions.

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

CDC Updates

The CDC has recently issued the following:

- *H1N1 Influenza A 2009 Monovalent Vaccine Dosage Chart* at: <http://www.cdc.gov/h1n1flu/whatsnew.htm> (PDF file).
- *For Providers: prevention of Pneumococcal Infections Secondary to Seasonal and 2009 H1N1 Influenza Viruses Infection* at: http://www.cdc.gov/h1n1flu/vaccination/provider/provider_pneumococcal.htm.
- *Questions & Answers: prevention of Pneumococcal Infections Secondary to Seasonal and 2009 H1N1 Influenza* at: http://www.cdc.gov/h1n1flu/vaccination/public/public_pneumococcal.htm.
- *What Adults With HIV Infection Should Know About 2009 H1N1 Flu* at: http://www.cdc.gov/h1n1flu/hiv_flu.htm.