



# Nevada State Health Division

## Public Health Preparedness

October 9, 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 will be published weekly.

### Nevada State Public Health Laboratory Counts

According to the Nevada State Public Health Laboratory (NSHPL), as of 1:00pm PT, October 7, 2009, Nevada had 1,677 **confirmed** cases of H1N1 flu and 50 **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	238	17	0
Clark	202	3	11
Washoe	867	24	2
Other 14 counties	370	5	1
<b>Total</b>	1,677	47	14

The NSPHL has tested a total of 4,467 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 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 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%

\*\* update not available for July 30, 2009

# H1N1 Vaccination Activities

## Vaccine Distribution

- The Nevada State Health Division's (NSHD) Immunization (IZ) Program updated and finalized a distribution plan to ensure that Nevada bolsters its private sector with vaccine. This distribution plan is able to be modified weekly if needed.
- H1N1 vaccine is being allocated on a weekly basis by the CDC. The IZ Program placed its initial H1N1 vaccine order on September 30, 2009. The next order will be placed by the IZ Program no later than October 9, 2009, and is expected to be received October 13-15, 2009.
- As of October 7, 2009, Nevada has been allocated 62,100 doses of vaccine allocation from the CDC. Of that, 28,600 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) – 47,000
  - Injectable (shots) – 15,100
- Vaccine is received in allotments of 100. The IZ Program is prepared to ship vaccine to providers who cannot accept vaccine in allotments of 100 or more.
- Due to the uncertainty of exact dates that the vaccine will be allotted to NV and the exact number and presentation of vaccine (e.g. multi dose vials, FluMist-nasal spray and prefilled syringes), it is not possible to initially guarantee any provider a specific presentation or amount of vaccine.

## Healthcare Providers

Constant communications have been occurring with the healthcare provider community, to both facilitate pre-registration as providers for H1N1 vaccine and to ensure that they have consistent, accurate, and up-to-date information about vaccine distribution and availability.

- The IZ Program is conducting weekly provider teleconferences, with an average of over 100 participants. This is an information sharing call, ending with questions & answers. Notes from these calls are posted every week on the [www.flu.nv.gov](http://www.flu.nv.gov) website for those providers who are unable to attend.
- Provider enrollment has begun for H1N1 vaccine. Approximately 238 providers have submitted enrolment forms, with 100 enrollments completed. A team of four people are entering information as it arrives to ensure enrollment is completed quickly.
- The deadline for enrollment to receive vaccine the week of October 12-16, 2009 was at 4pm on October 7, 2009. Providers who enroll after that deadline will be receiving initial allotments the following week (October 19-23).
- 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.
- Webinars will be available to providers beginning the week of October 12, 2009. This will be a brief training on 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](http://www.flu.nv.gov).
- Provider Specialists have been deployed to perform site visits for new vaccine providers, ensuring proper vaccine storage and handling.

## Tracking of Doses Administered

As NSHD receives shipments of the H1N1 vaccine and distributes it across the state, public, private and tribal providers will be required to report the doses that they administer on a weekly basis. The NSHD's IZ Program will be collecting that data and it will be reported in this section. As a reminder:

- For providers currently using the state immunization registry (WebIZ), all H1N1 vaccinations will be recorded in the registry via the normal process. WebIZ staff will generate weekly data to combine with non-WebIZ providers in order to meet aggregate CDC reporting requirements.
- Non-WebIZ providers will document all vaccinations on paper forms that will be forwarded weekly to state WebIZ staff for entry into WebIZ.

## 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 activities include:

- NSHD activated its Division Operations Center (DOC) to manage all H1N1 planning and response efforts. The DOC follows the Incident Command System (ICS) structure.
- The NSHD's IZ Program has hired a Project Manager for H1N1.
- On October 6, 2009, Nevada received 2,266 courses of Tamiflu Oral Suspension from the Department of Strategic National Stockpile (DSNS).
- In addition to the October 6, 2009 shipment, Nevada has antiviral medications available from a state stockpile and from a previous May 2009 DSNS shipment. From May 7-October 9, 2009, a total of 495 courses of antiviral medications have been used.
  - 75 mg Tamiflu: 414
  - 45 mg Tamiflu: 11
  - 30 mg Tamiflu: 1
  - Oral Suspension Tamiflu: 55
  - Relenza: 14
- NSHD added to its [www.flu.nv.gov](http://www.flu.nv.gov) website an *Antiviral Request Form* for physicians, healthcare clinics, hospitals, pharmacies, and other facilities that provide healthcare (not individuals) to request antiviral medications for dispensing purposes. Requests will be screened as they are received and processed if approved. The form can be found at: [http://flu.nv.gov/AntiViral\\_OnlineForm.htm](http://flu.nv.gov/AntiViral_OnlineForm.htm).
- The mass vaccination plan for the frontier and rural counties was reviewed and updated.
- Working with community health nurses and county leaders in the frontier and rural counties for the coordination of vaccination clinics at locations in their counties.
- Continued working with local health departments on the coordination of vaccination clinics in their jurisdictions.
- As H1N1 vaccine arrives in Nevada, the NSHD will have on its main website (<http://health.nv.gov/>) a H1N1 Flu Locator link, for individuals statewide to find the nearest location where they can obtain the H1N1 vaccine. The link is anticipated to be available by October 9, 2009.

## 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.

- Tribes are exercising their point of dispensing plans in preparation for offering the H1N1 vaccine. The PHP Tribal Liaison attends exercises.
- Nevada's tribes will begin to receive their initial shipments of H1N1 vaccine on October 14, 2009.
- Nevada's State Health Officer attended an Indian Health Services medical officers meeting to provide information and answer questions on influenza.
- The PHP Tribal Liaison delivers antiviral medications to tribal communities as needed.
- The PHP Tribal Liaison is assisting tribal clinics in completing H1N1 vaccination provider form that is then returned to the NSHD's Immunization Program for proper allocation of H1N1 vaccine as it becomes available.
- 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:

- Continue conducting Bimonthly PIO meetings, with NSHD PIO serving as the lead.
- Scheduled an initial conference call with frontier and rural "PIOs" (those in the rural counties that have been assigned PIO duties for their county). Frequency of future calls will be determined by the group.
- Nevada Broadcasting Association flu prevention radio spots in English and Spanish are now airing on the radio statewide.
- PHP funded flu prevention ads appearing in Parents Magazine on H1N1 (Nov issue) and seasonal influenza (Oct issue).
- Continuing to update the [www.flu.nv.gov](http://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.
- Providing information as requested to the CDC's Influenza Branch.
- Agreement with CDC to participate in the CDC sponsored DiSTRIBuTE (**D**istributed **S**urveillance **T**askforce for **R**eal-time **I**nfluenza **B**urden **T**racking and **E**valuation) project, which conducts real-time data evaluation. Information on this project can be found at: <http://isds.cirg.washington.edu/distribute/>.
- 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.
- 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 38 (September 20-26, 2009), influenza activity increased in the U.S. Nationwide a total of 16,174 hospitalizations and 1,379 deaths "associated with influenza virus infection, or based on syndromic surveillance for influenza and pneumonia" were reported to the CDC from August 30-September 26, 2009. According to the CDC:

- Patient visits to doctors for influenza-like illness (ILI) have increased in some parts of the country and overall these visits are higher than expected for this time of year. For this time of year, it is expected that 2.4% of patient visits are due to ILI. For this week, the number was 4.2%.
- Total influenza hospitalization rates for adults and children that are *laboratory-confirmed* as influenza are higher than expected for this time of year. Hospitalization rates for children ages 5-17 and adults ages 18-49 from April – September 2009 exceed the rates for the average flu season, which occurs from October through April.
- The proportion of deaths associated with pneumonia and influenza was low and within the bounds of what is expected at this time of year. Still, since April 2009, 60 pediatric deaths associated with 2009 H1N1 flu have been reported to the CDC, with 11 of those having been reported in week 38.

**Nevada** has 5 reporting regions. For MMWR week 38, NV did not report its influenza activity. This was due to the transition of influenza coordinator duties. Influenza activity reporting will be restored next week.

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

### Nevada Seasonal Influenza Vaccination Clinics

Seasonal influenza vaccinations are available and are currently being offered at various locations throughout Nevada. In addition to locations that traditionally offer seasonal influenza vaccinations (private physicians, health clinics, pharmacies, etc.), health departments will be offering free seasonal flu shots, (*first come, first served*), at vaccination clinics during the month of October as noted below. **H1N1 vaccinations will not be offered** at these clinics. These clinics are being conducted by the health departments in order to exercise their vaccination plans. These **do not** replace the regular immunization clinics offered by the health departments.

- **Saturday, October 10, 2009**
  - Carson City
    - 9:00am – 1:00pm – Walk-in Clinic  
Carson Senior Center  
911 Beverly Drive
  - Carson City
    - 9:00am – 1:00pm – Drive-Thru Clinic  
Nevada National Guard  
2460 Fairview Drive

- **Saturday, October 17, 2009**
  - Minden (Douglas County)
    - 9:00am – 1:00pm – Walk-in Clinic  
Douglas High School  
1670 State Route 88
  - Reno (Washoe County)
    - 9:00am – 1:00pm – Drive-Thru Clinic  
Washoe County – Roads Division  
3101 Longley Lane (southwest Reno, just south of the NV Humane Society)
  - Reno (Washoe County)
    - 9:00am – 1:00pm – Walk-in Clinic  
Billinghurst Middle School  
6685 Chesterfield Lane (northwest Reno)
  - Silver Springs (Lyon County)
    - 9:00am – 1:00pm – Walk-in Clinic  
Silver Stage Middle School  
3800 West Spruce Avenue

## **CDC Updates**

The CDC has recently issued the following:

- *Key Facts About 2009 H1N1 Flu Vaccine* at: [http://www.cdc.gov/h1n1flu/vaccination/vaccine\\_keyfacts.htm](http://www.cdc.gov/h1n1flu/vaccination/vaccine_keyfacts.htm).
- *Questions & Answers: 2009 H1N1 Nasal Spray Vaccine* at: [http://www.cdc.gov/h1n1flu/vaccination/nasalspray\\_ga.htm](http://www.cdc.gov/h1n1flu/vaccination/nasalspray_ga.htm)
- *Updated: H1N1 Clinicians Questions & Answers* at: [http://www.cdc.gov/h1n1flu/vaccination/clinicians\\_ga.htm](http://www.cdc.gov/h1n1flu/vaccination/clinicians_ga.htm)
- *What Should Pregnant Women Know About 2009 H1N1 Flu (Swine Flu)?* at: <http://www.cdc.gov/h1n1flu/guidance/pregnant.htm>
- *Updated: 2009 H1N1 Influenza Vaccine* at: [http://www.cdc.gov/h1n1flu/vaccination/public/vaccination\\_ga\\_pub.htm](http://www.cdc.gov/h1n1flu/vaccination/public/vaccination_ga_pub.htm)
- *Asthma Information for Patients and Parents of Patients* at: <http://www.cdc.gov/h1n1flu/asthma.htm>