



**STATE OF OHIO**  
**Emergency Operations Center**  
**SITUATION REPORT**

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**M E M O R A N D U M**

**TO:** Ted Strickland, Governor  
**FROM:** Ohio Emergency Management Agency  
**SUBJECT:** H1N1 Incident – September 2009  
**DATE:** January 11, 2010

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This is the weekly State Situation Report (SitRep) for the “H1N1 Incident – September 2009” event. Information is current as of 2:00 p.m. on January 11, 2010 unless otherwise noted.

The State Emergency Operations Center (SEOC) Assessment Room is closed. Ohio EMA Plans Branch staff and subject matter experts from the ODH and other response partners continue to coordinate situational awareness information from regular work locations. Joint Information Center (JIC) personnel are also monitoring media and conducting JIC activities from regular work locations. JIC phones have been forwarded to the Ohio EMA Public Information Officer and inquiries will be routed to the appropriate agency contacts.

**OBJECTIVES**

The State’s objectives for the operational period **January 6, 2010 to January 20, 2010** are:

1. Order and report vaccines in accordance with ODH Vaccine Allocation and Ordering procedures, 2009.
  - a. Continue allocation process and distribution to the general population.
  - b. Determine inventory levels from all providers
  - c. Communicate expectation for on-hand inventories
2. Provide general information to the public and technical assistance to providers/patient registration.
  - a. Implement communication plan for vaccine to hard-to-reach populations.
  - b. Continue communication to LHDs on need for children <10 years of age to get second dose and remind LHDs of the availability of technology tools (i.e. e-mail notification reminder/ recall notices) to notify parents when to return for this vaccination.
3. Report critical information to CDC and/or EOC (as found in H1N1 Critical Information Matrix).
4. Monitor the EPI assessments on trends or associations of hospitalizations and deaths and identify interventions or next steps as necessary.
5. Distribute PPE to hospitals, upon receipt of requests.
6. Implement strategies for promoting increasing vaccination of the general public.

## JOINT INFORMATION CENTER (JIC) ACTIVITIES

- The JIC issued the weekly H1N1 vaccine distribution release.

## Media Trends

- ***Plain Dealer reports that Ohioans are not getting vaccinated against H1N1 (16 stories)***  
The Plain Dealer had a story this weekend about H1N1 vaccination rates across the state of Ohio. The article stated that only 9% of Ohioans have been vaccinated against H1N1 flu. The story was based on data obtained through a public records request at ODH. ODH officials believe that vaccinations have been underreported to the agency from local partners and believe that more people have received vaccine. The article noted that ODH will continue encourage local providers to report their vaccination information.
- ***H1N1 Clinic held/scheduled (13 stories)***  
Many LHDs have scheduled clinics throughout the month. The vaccine is also available in doctor's offices and at retail pharmacies across Ohio. No shortage of H1N1 vaccine has been reported and clinics still have many participants but they are not at full capacity.
- ***Remembering H1N1 Victims (4 stories)***  
Benefits and ceremonies for people who died of H1N1 were held in the Toledo and Cincinnati areas this weekend. The goal was to raise money for the families and to raise awareness about H1N1.
- ***CDC reports H1N1 widespread in one state: Alabama (4 stories)***  
According to the CDC H1N1 flu infections continue to drop and only one state — Alabama — was reporting widespread cases last week. Four states had widespread cases the previous week. The number has been dropping since late October, when nearly all states had widespread flu reports. CDC also reported that there are no signs of seasonal flu right now, and all cases are still H1N1.
- ***Doctors urge citizens to get H1N1 vaccine (3 stories)***  
Although H1N1 is currently in a lull, doctors and public health officials are still urging people to get vaccinated against H1N1.

## H1N1 Call Center Activities

- The ODH H1N1 TECHNICAL flu information line received **536** calls on **1/8/2010**. While the calls continue to involve how to register, where to get the vaccine, patient pre-registration challenges, pharmacies checking on their status, timeline for receipt of vaccine, and how to get the vaccine inventory into the system, the main issue was with the application and sign-in issues. These problems seem to have been resolved.

## INTERVENTIONS

### Vaccines

The Ohio Department of Health (ODH) continues to coordinate the distribution of all H1N1 vaccines, antivirals, and related materials throughout Ohio as they are made available. ODH will order and report vaccines to CDC in accordance with Vaccine Allocation and Ordering procedures.

On Monday, December 14, 2009, the H1N1 vaccination program opened to the general public. However, members of the priority groups are still encouraged to be vaccinated. In addition, the public is encouraged to ensure that children less than ten years of age receive their second dose.

CDC priority groups for vaccine include:

- Pregnant women
- Household contacts and caregivers for children younger than 6 months of age
- Health care and emergency medical services personnel
- Children 6 months through 18 years of age, young adults 19 through 24 years
- Persons aged 25 through 64 years who have health conditions associated with higher risk of medical complications from influenza

Ohio is projected to receive a total of 6,984,066 doses which will be allocated accordingly.

- .25 ml Pre-filled Syringes – 224,400
- .25 ml Adult Pre-filled Syringes – 1,276,513
- Multi-dose Vials – 4,036,997
- Live Attenuated Influenza Vaccine – 1,446,156

Total Vaccines Ordered by registered providers to date = **4,041,300**

Public Population Pre-Registered for Vaccine Population = 1,300,590

Pre-Registered Providers approved by Local Health Departments (LHDs) = 3218

As of 5:00 p.m. Monday, January 4, Ohio has allocated and distributed the following:

	Vaccine Doses Available for the Period	Vaccine Doses Already Distributed to Registered Providers
Flumist	968,300	821,200
Novartis adult PFS	372,500	318,500
Sanofi MDV	2,034,800	1,546,700
Novartis MDV	991,700	862,200
Sanofi .25 PFS	165,100	165,100
CSL Biotherapies adult PFS	107,200	88,600
CSL MDV	36,400	17,900
Sanofi .50 PFS	301,400	221,600
<b>Total</b>	<b>4,977,400</b>	<b>4,041,300</b>

The vaccine unit processed an allocation of H1N1 vaccine on January 4, 2010 for all H1N1 provider groups who have updated their allocation requests and for all others who have not received all the doses requested according to the ODH H1N1 Vaccine Application.

ODH placed H1N1 vaccine orders for providers who:

- Have completed the registration process on the H1N1 vaccine web site.
- Have been approved for participation by their local health district.
- Have ordered at least 100 doses of vaccine.

Vaccine clinic information can be obtained at:

<http://www.odh.ohio.gov/features/odhfeatures/h1n1vaccinefinder.aspx>.

### Antivirals

ODH and the Centers for Disease Control and Prevention (CDC) are noticing stability in antiviral inventory numbers. The CDC has adjusted its Medical Countermeasure Situation Reporting consistency from weekly to monthly; ODH has decided to follow the CDC reporting timeframe. This will allow leadership to continue to receive the project area data while at the same time take some of the burden off the frequency of reporting. Local Health Departments (LHDs) are no longer being required to report on a weekly basis. ODH will submit a monthly report to CDC on the first Monday of every month.

### **IMPACT ON PEOPLE**

During week **52 (December 27 to January 2, 2010)**, there were **28** hospitalized cases of influenza reported in Ohio. From August 30 through **January 11, 2010**, the cumulative total for Ohio influenza confirmed hospitalizations is **3,127** individuals per Ohio Disease Reporting System (ODRS).

At least 50 people hospitalized with H1N1 infection have died in Ohio. Counties reporting deaths are Franklin (12), Cuyahoga (8), Fayette (3), Mahoning (3) Butler (2), Greene (2), Licking (2), Summit (2), Wood (2), and one each in Athens, Carroll, Clermont, Columbiana, Geauga, Guernsey, Hamilton, Henry, Lorain, Montgomery, Ross, Stark, Warren and Wayne counties. Please note that this is likely an underestimate of Ohio deaths due to H1N1. Death certificate collection averages 7-10 days after death. This data reflects the delay.

The predominant strain in Ohio and nationally is the 2009 influenza A (H1N1) virus. Ohio's influenza activity level, an indicator of geographic spread, has been downgraded from "regional" to "sporadic." The number of people infected with influenza has stabilized, and surveillance data sources continue to indicate that the intensity of this activity is decreasing.

Public health surveillance data sources indicate decreasing reports of confirmed influenza-associated hospitalizations and declining levels of influenza-like illness in outpatient settings reported by Ohio's sentinel providers.

The percentage of emergency department visits with patients exhibiting constitutional symptoms, as well as over-the-counter drug sales (particularly thermometer sales) have returned to baseline levels statewide.

## Hospitalized Influenza Cases and Pneumonia and Influenza Deaths, State of Ohio

Age Group	Ohio Disease Reporting System Data (ODRS), Data as of 01/05/2010 4:00 PM <sup>1</sup>				Electronic Death Registration System (EDRS), Data as of 01/04/2010 <sup>2</sup>			
	Hospitalized Cases of Influenza Reported MMWR Week 52 (12/27/2009 to 01/02/2010)	Cumulative Hospitalized Cases of Influenza (8/30/2009 to 01/02/2010) <sup>3</sup>	Hospitalized Cases of Influenza with Confirmed Pandemic H1N1 Reported MMWR Week 52 (12/27/2009 to 01/02/2010)	Cumulative Hospitalized Cases of Influenza with Confirmed Pandemic H1N1 (8/30/2009 to 01/02/2010) <sup>4</sup>	Influenza Deaths (12/27/2009 to 01/02/2010) <sup>6</sup>	Cumulative Influenza Deaths (9/13/2009 to 01/02/2010) <sup>5,6</sup>	Influenza and Pneumonia (P&I) Deaths (12/27/2009 to 01/02/2010) <sup>6</sup>	Cumulative Influenza and Pneumonia (P&I) Deaths (9/13/2009 to 01/02/2010) <sup>5,6</sup>
0-4	2	544	0	174	0	1	0	9
5-18	4	703	2	296	0	7	0	10
19-24	1	230	1	124	0	2	1	7
25-49	7	834	5	454	1	24	5	115
50-64	9	576	8	287	2	27	24	316
65+	5	234	1	112	6	32	134	1,914
Unknown	0	3	0	3	0	0	0	0
<b>Total</b>	<b>28</b>	<b>3,128</b>	<b>17</b>	<b>1,450</b>	<b>9</b>	<b>93</b>	<b>164</b>	<b>2,371</b>

1 Data is of a condition that is weekly reportable. Cases may be updated after the time this data was pulled, as more laboratory information becomes available, such as additional testing or backlogs. This is preliminary data for last week, as well as cumulative data, and caution should be exercised in interpreting data counts from week-to-week.

2 EDRS data fields were turned on and registrars were asked to start using these fields on September 14, 2009. Data was backfilled on records from September 1, 2009 forward.

3 Removed ten records that were marked "Confirmed" then changed to "Suspected" or "Not A Case" from the previous week, most likely due to rapid test false positive (confirmed by negative PCR tests) or insufficient laboratory information.

4 Removed nine records that was marked "Confirmed Pandemic H1N1 strain" as laboratory results did not support the finding.

5 Cumulative counts were reviewed and corrected if the death certificate did not meet the criteria for inclusion of "Influenza" or "Influenza and Pneumonia" Deaths. Therefore, summation of each week's total counts may not necessarily equal the cumulative for the same time period.

6 Decrease in weekly and cumulative counts for week inclusive of 12/27/2009 and 01/02/2010 may be due to reporting lag from the New Years holiday.

Delays in reporting and entering data in the Ohio Disease Reporting System (ODRS) may present as a decrease in incidence of influenza associated hospitalized cases.

### **OTHER IMPACTS**

There have been no reports of significant business closures, and no adverse effects on government services in the state. Currently, no school or child day care center closures are reported.

## **STATE EXPENDITURES**

For the period **October 28, 2009 to January 1, 2010** state agencies, boards, and commissions report a total of **\$1,956,186** in personnel, personal protective equipment, vaccine-related distribution, and miscellaneous supply costs. Of the total costs incurred for the period, 91% were incurred by the Ohio Department of Health for personnel and vaccine distribution.

Reports were received from the Department of Administrative Services, Department of Aging, Department of Alcohol and Drug Addiction, Department of Agriculture, Adjutant General, Ohio Board of Nursing, Bureau of Workers Compensation, Department of Development, Department of Developmental Disabilities, Ohio Environmental Protection Agency, Department of Health, Department of Insurance, Ohio Job and Family Services, Lottery Commission, Ohio Department of Mental Health, State Medical Board, Ohio Department of Natural Resources, Office of Budget and Management, Ohio Architects Board, Ohio Arts Council, Ohio Expositions Commission, Ohio State School for the Blind, Department of Public Safety, Public Utilities Commission of Ohio, Department of Rehabilitation and Corrections, Department of Transportation, Department of Taxation, Department of Veterans Services, Board of Regents, and the Department of Youth Services.

## **DECLARATIONS**

### Federal Declarations

The following Federal declarations have been issued for the H1N1 response.

- National Emergencies Act (50 United States Code Section 1621). (Note: This is NOT a Stafford Act declaration)
  
- PREP Act Declaration for Pandemic Influenza Vaccine – January 26, 2007

### State Declaration

- On October 7, 2009, Governor Ted Strickland issued an emergency proclamation regarding H1N1 vaccine which allows "qualified Emergency Medical Technicians (EMTs)-Intermediate and EMTs-Paramedic to perform H1N1 immunizations and administer H1N1 related drugs" as defined by law. The Declaration also authorizes in accordance with Ohio law the use of Citizen Corps/Ohio Medical Reserve Corps volunteers to assist with the receipt, distribution, accounting for and administration of H1N1 influenza vaccine.

## **SITREP/BRIEFING DATA**

The next scheduled weekly Sitrep will be distributed on Tuesday, January 19, 2010. If agencies have any updated information, they should email that information by 2:30 p.m. to: [eocassmt@dps.state.oh.us](mailto:eocassmt@dps.state.oh.us).