



STATE OF OHIO

Emergency Operations Center

SITUATION REPORT

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MEMORANDUM

TO: Ted Strickland, Governor
FROM: Ohio Emergency Management Agency
SUBJECT: H1N1 Incident – September 2009
DATE: January 19, 2010

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 19, 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 are being 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 will issue the weekly H1N1 vaccine distribution release by January 20. Shipments were delayed due to Martin Luther King Jr. Day.
- National Influenza Vaccination Week was January 10-16. The Columbus City Health Department conducted a vaccination clinic for state employees on Wednesday, January 13 at the Riffe Center. 884 state employees, including five cabinet members, received their flu vaccinations quickly and efficiently.
- A final version of the H1N1 Update newsletter will be distributed to state legislators within the next two weeks.

Media Trends/Summaries – January 8-15, 2010

- ***H1N1 clinics held/scheduled*** (47 articles) – Many local health departments continue scheduled clinics throughout the month. Columbus Public Health is partnering with Columbus Public Schools to vaccinate school children.
- ***Doctors urge citizens to get H1N1 vaccine as part of National Influenza Vaccination Week*** (22 articles) – Health officials are urging the public to get vaccinated during NIVW. Although H1N1 spread is currently sporadic, doctors and health officials are still urging people to get vaccinated against the flu.
- ***Ohio vaccination rates*** (19 articles) – The Plain Dealer printed an article January 9 stating that only nine percent of Ohioans have been vaccinated against the H1N1 flu virus. The story was based on data obtained through a public records request at ODH. ODH officials believe the vaccinations were under-reported to the agency from local partners and believe more people have received the flu vaccine. The article noted that ODH will continue to encourage local providers to report their vaccination information.
- ***ODH orders additional vaccine*** (6 articles) – During this week, ODH began ordering vaccine only for retailers who requested it to help providers better manage their vaccine inventory.
- ***Remembering H1N1 victims*** (5 articles) – Benefits and ceremonies for people who died of H1N1 were held in the Toledo and Cincinnati areas over the January 9-10 weekend. Goals were to raise money for the families and raise awareness about H1N1.
- ***Poland is the only country to refuse H1N1 vaccine*** (5 articles) – Poland has rejected the H1N1 vaccines over safety fears and distrust in the drug companies producing the vaccines. International health experts reject Poland's concerns as unfounded.
- ***CDC reports H1N1 widespread in one state: Alabama*** (4 articles) – Alabama is the only state reporting widespread H1N1 cases last week. Four states reported widespread cases the previous week.
- ***Mexico has only received a small amount of its H1N1 vaccine order*** (4 articles) – Mexico, the epicenter of last year's swine flu outbreak, has received less than half of the 30 million vaccine doses ordered. Mexico's health secretary said the country has struggled to secure enough doses because there are no factories in Mexico producing the vaccine. Meanwhile, some countries have started to sell their surplus vaccine.

H1N1 Call Center Activities

- The ODH H1N1 Technical flu information line received **227 calls on January 11; 198 calls on January 12; 180 calls on January 13; 102 calls on January 14; and 84 calls on January 15.**
- The information line reported receiving calls from providers stating that they have received too much vaccine and are unable to store their additional shipments. ODH's Roger Suppes and Steve Wagner addressed this issue. Effective Monday, January 11, only requested amounts from providers will be filled.
- The Call Center will close January 29. All inquiries after that date will be handled by ODH.

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 = **4,066,300**

Public Population Pre-Registered for Vaccine Population = **1,489,592**

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

As of 5:00 p.m. Monday, January 18, Ohio has allocated and distributed the following:

	Vaccine Doses Available for the Period	Vaccine Doses Already Distributed to Registered Providers
Flumist	968,300	826,400
Novartis adult PFS	477,600	318,000
Sanofi MDV	2,034,800	1,561,300
Novartis MDV	999,900	862,200
Sanofi .25 PFS	165,100	165,100
CSL Biotherapies adult PFS	107,200	93,800
CSL MDV	36,400	17,900
Sanofi .50 PFS	329,000	221,600
Total	5,118,300	4,066,300

The vaccine unit will be processing an allocation of H1N1 vaccine on January 19, 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 19, 2010**, the cumulative total for Ohio influenza confirmed hospitalizations is **3,134** 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 ¹				Electronic Death Registration System (EDRS), Data as of 01/04/2010 ²			
	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) ³	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) ⁴	Influenza Deaths (12/27/2009 to 01/02/2010) ⁵	Cumulative Influenza Deaths (9/13/2009 to 01/02/2010) ^{5,6}	Influenza and Pneumonia (P&I) Deaths (12/27/2009 to 01/02/2010) ⁶	Cumulative Influenza and Pneumonia (P&I) Deaths (9/13/2009 to 01/02/2010) ^{5,6}
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
Total	28	3,128	17	1,450	9	93	164	2,371

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 8, 2010** state agencies, boards, and commissions report a total of **\$1,993,693** in personnel, personal protective equipment, vaccine-related distribution, and miscellaneous supply costs. Of the total costs incurred for the period, 90% 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 Monday, January 25, 2010. If agencies have any updated information, they should email that information by 2:30 p.m. to: eocassmt@dps.state.oh.us.