



City and County of Denver Vaccine Plan Denver Public Health

Revision Date: November 29, 2009

Assumptions:

- Vaccine will come in small quantities to the City and County of Denver during the first several weeks of delivery.
- CDC's priority groups will not change and will focus on the following groups:
 - Pregnant women
 - Caregivers of children under the age of 6 months
 - Healthcare workers
 - Individuals between 6 months and 24 years of age
 - Individuals between 25 years and 64 years of age with a chronic health condition
- Delivery of initial vaccine will occur after October 15th
- Larger shipments of vaccine will occur through November and will continue through 2009 and into 2010.
- Vaccine is NOT mandatory
- 1 dose will be needed for adults with 15ug of antigen
- Can give seasonal and H1N1 vaccine at any time for adults
- Initial vaccine estimates for U.S. is 20 million doses. LPHA can begin ordering in late September
- Providers and LPHA will receive ancillary supplies with vaccine
- Children under 10 years will need two H1N1 vaccines

Plan

Initial distribution will focus on the Advisory Committee on Immunization Practices (ACIP) priority groups. Denver Public Health (DPH) intends to use school based clinics, pushing vaccine to OB/GYN and pediatrician offices and utilize the vaccine clinics in DPH. Denver Public Health Immunization Clinic will offer vaccine clinics for individuals who do not have access to primary healthcare provider, if they fall into the priority groups. We assume 2009 H1N1 vaccine will be in short supply during the initial weeks of distribution. This approach allows us to focus the vaccine distribution to those most vulnerable to the 2009 H1N1 influenza.

DPH assumes that vaccine production will catch up to demand by mid-November 2009. When this happens we will work with other Local Health Departments in the region (Boulder, Broomfield, Jefferson and Tri-County) along with Kaiser Permanente to help set up mass vaccination clinics for the Denver Metropolitan area. The mass vaccination clinics are intended to vaccinate the remaining individuals in the ACIP target group. This coordinated effort should provide ample opportunity for all individuals in these groups to receive a 2009 H1N1 vaccine. We feel by joining efforts with other public health agencies and Kaiser Permanente we will have more resources to vaccinate all residents who want a vaccine.

By the end of 2009 DPH assumes 2009 H1N1 vaccine supply will catch up to demand. When this occurs DPH will open distribution of all allocated vaccine, to the City and County of Denver, to providers that registered with CDPHE. Providers will receive vaccine directly to their office through McKesson Medical Supply. Each provider will be supplied with vaccine and ancillary supplies. Providers are not allowed to charge for the vaccine; however, they are allowed to charge administration fees associated with the vaccine.

Denver Public Health lead will coordinate all planning, training, implementation and operations phases for: 1) Staff Augmentation. 2) Venue, 3) Information Services, 4) Logistics, 5), Partnerships, 6) Public Relations

Priority Groups

DPH intends to follow the groups ACIP has designated as priorities to receive 2009 H1N1 vaccine. These priority groups will be the focus of vaccine distribution and administration. As these populations become saturated the focus will turn to vaccinating the general public.

The ACIP priority groups are:

- Pregnant women
- Persons who live with or provide care for infants aged <6 months (e.g., parents, siblings, and daycare providers)
- Health-care and emergency medical services personnel who have direct contact with patients or infectious material
- Children aged 6 months--4 years
- Children and adolescents aged 5--18 years who have medical conditions that put them at higher risk for influenza-related complications.

The ACIP Target Groups are:

- Pregnant women
- Persons who live with or provide care for infants aged <6 months (e.g., parents, siblings, and daycare providers)
- Health-care and emergency medical services personnel
- Persons aged 6 months--24 years
- Persons aged 25--64 years who have medical conditions that put them at higher risk for influenza-related complications.

Estimated Population in City and County of Denver

Population	Estimated Size (approx.)
Pregnant Women	7,500
Persons who live with or provide care for infants aged <6 months	35,000
Health-care and emergency medical services personnel who have direct contact with patients or infectious	50,000
Children aged 6 months--4 years	35,000
Children and adolescents aged 5--18 years who have medical conditions that put them at higher risk for influenza-related complications.	14,000
Persons aged 6 months--24 years	145,000
Persons aged 25--64 years who have medical conditions that put them at higher risk for influenza-related complications	50,000

Vaccine Distribution Time Table

Mid-Late October:

Plan for initial group- pregnant women, household contacts and caregivers for children less than 6 months of age, healthcare workers with direct patient contact and children between 6 months and 24 years of age.

November:

Continue with groups targeted in October. Include EMS, people between 25-64 with chronic underlying condition

December:

Entire population