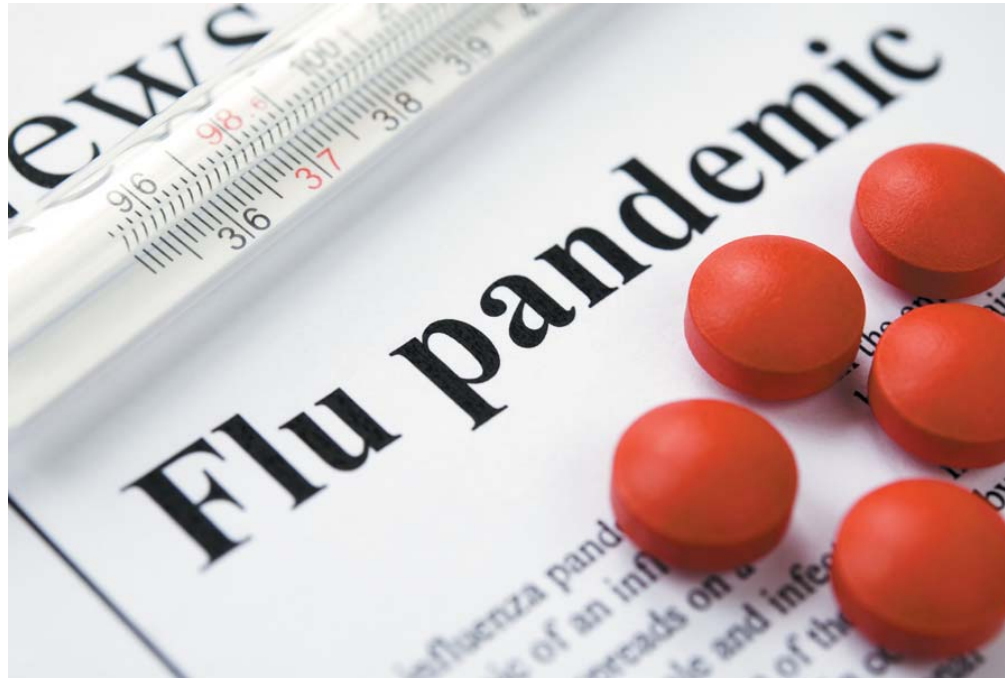


Pandemic H1N1 Flu Update



BENS - California Resiliency Alliance Meeting

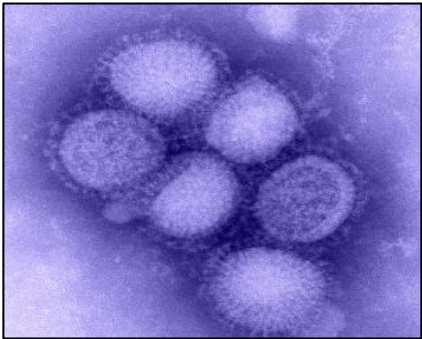
Marty Fenstersheib, MD, MPH

Santa Clara County Health Officer

Presentation Overview



- Santa Clara County efforts to manage H1N1



- Current status of H1N1



- Workplace practices to manage H1N1

Local Government Response to H1N1

- Santa Clara County issued a Declaration of Emergency for H1N1
- Activated the Public Health Department Emergency Operations Center (DEOC)
- Partial activation of the County Emergency Operations Center (EOC)
- Activation of the EOC Joint Information Center (JIC)
spring 2009
- Health Officer Orders were issued



Public Health Response to H1N1

Community Awareness & Information Campaign

- Provide information to the general public and key partners about the pandemic H1N1 and what to do
 - Key partners include, media, schools, universities, cities, elected officials, community agencies, public works, health providers, businesses, etc.
 - Social media utilized to reach teens and young adults
 - ◆ YouTube H1N1 video contest
- Information provided through:
 - Website: www.sccphd.org
 - Facebook
 - Public Health Department's e-newsletter (subscribe at www.sccphd.org)

As information changes, updates are delivered through local media and on-line.

Public Health Response to H1N1

Surveillance and Disease Monitoring

- Coordinating with key healthcare providers and partners to monitor H1N1 pandemic flu in our community
 - Reported hospitalizations with flu-like symptoms
 - Reported deaths from flu-like illnesses
- Utilization of ESSENCE
 - **E**lectronic **S**urveillance **S**ystem for the **E**arly **N**otification of **C**ommunity-based **E**pidemics (ESSENCE) software acquires and evaluates several data sources as an early indicator of infectious diseases or unusual clusters

Medical Intervention and Vaccination

- Allocation of vaccine
- Support for mass clinics
- Support for San Jose Unified School District vaccination plan
- Allocation of Strategic National Stockpile of antivirals
- Guidance for pharmacies



H1N1 vaccine is still limited in Santa Clara County

- As of December 11, 2009,
 - 435,270 doses of H1N1 flu vaccine have been shipped to public and private providers
 - In Santa Clara County, it is estimated that 800,000 individuals fall into one of 5 priority groups for vaccination. This is almost half of our population
 - Only 54% of the vaccine needed for the priority groups has been shipped
- Anticipate that H1N1 flu vaccine will continue to flow into the county.

Vaccination efforts have focused on FIVE priority groups

- Pregnant women
- People who live with or care for children younger than 6 months of age
- People between the ages of 6 months through 24 years of age
- People from ages 25 through 64 years who are at higher risk with chronic health disorders or compromised immune systems
- Health care and emergency medical services personnel



H1N1 Vaccination Clinics

- Since November, more than 45,000 individuals at risk for illness or serious complications from the H1N1 influenza virus were vaccinated at various free clinic sites
 - Five large-scale clinics were held at the Santa Clara County Fairgrounds. Approximately 5,000 vaccinations were given at each fairground clinic
 - Smaller clinics offered vaccinations at Valley Health Centers and Gardner Family Health Centers



AlertSCC System

- Alert SCC system was utilized by Public Health for important H1N1 information
 - Booster vaccine for children less than 10 years of age
 - H1N1 vaccine recall
- AlertSCC is a powerful mass notification system that will be used to send emergency information and instructions to anyone who lives or works in Santa Clara County. AlertSCC will send messages to phone numbers included in the emergency 911 and 411 directory listings. Individuals and businesses can sign up at www.alertscc.com



Cumulative number of influenza cases and deaths reported in Santa Clara County and California

Reporting period: April 2009 to December 2, 2009

	Last Reporting Day	Hospitalizations	ICU Cases	Deaths	
				H1N1	Other flu
Santa Clara County *	12/09/2009	825	72	15	2
California **	12/05/2009	7546	N/A	397	

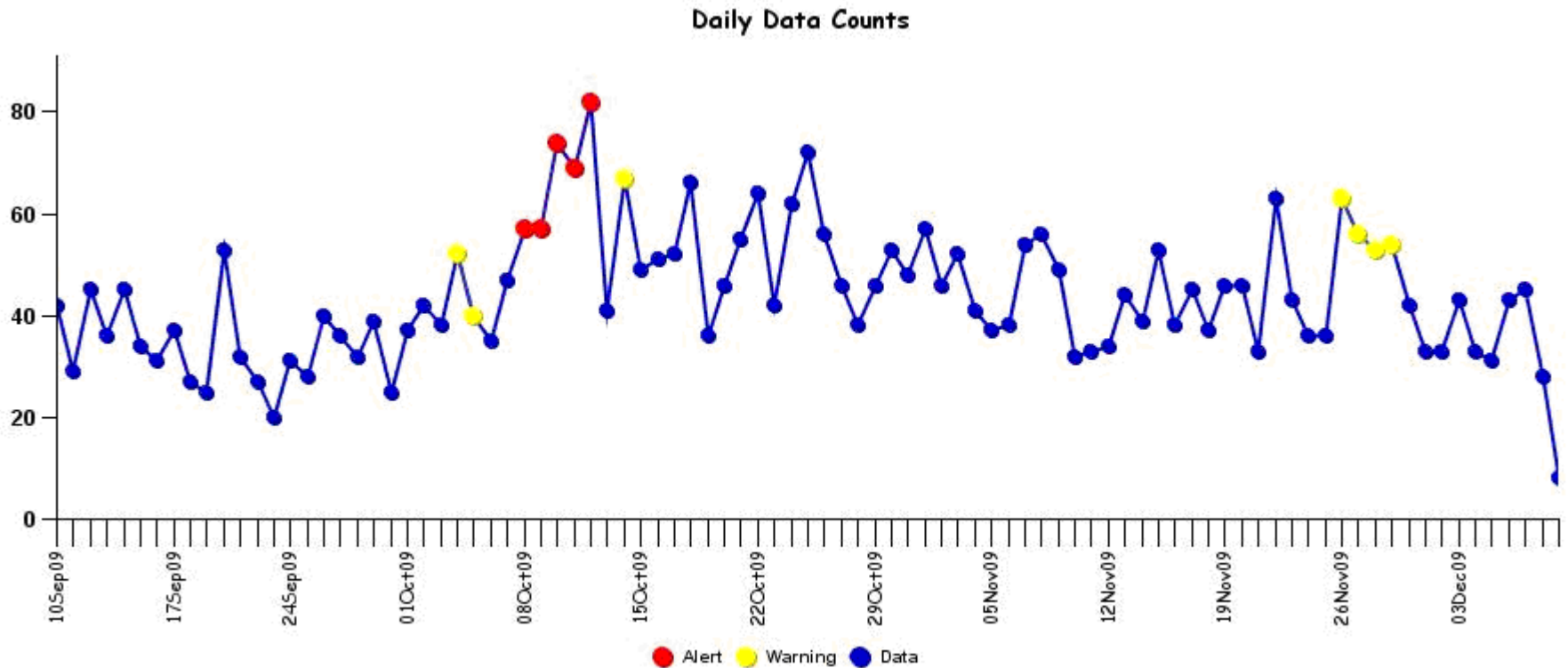
Hospitalizations include ICU cases and deaths.

* Source: Santa Clara County Communicable Disease & Santa Clara County Hospitals

** Source: <http://www.cdph.ca.gov/data/statistics/Pages/H1N1FluData.aspx>

Number of visits to Santa Clara County hospital emergency departments for a respiratory syndrome*

Patients age ≥ 18 , by date of visit
Reporting period: past 90 days from December 9, 2009



*Respiratory syndrome includes: Acute Bronchitis, Lower Respiratory Infection Bronchitis, Otitis Media, Chest Congestion, Pneumonia, Nasal Congestion, Shortness Of Breath, Cough, Sore Throat, Difficulty Breathing, Upper Respiratory Infection, Hemoptysis, Wheezing, Laryngitis.

Who gets sick with pandemic H1N1?

- Children and young adults are most likely to get H1N1 flu
 - 73% of the reported H1N1 in the spring of 2009 were <25 years old
- People >65 years old are more likely to have natural immunity to the H1N1 flu
 - Only 1.3% of the reported H1N1 in spring of 2009 were >65 years old



Flu Symptoms

Symptoms of H1N1 are similar to seasonal flu:



Fever

Sore throat

Cough

Runny/stuffy nose

Body aches

Headache

Chills

Fatigue

- Both can cause severe illnesses and death.
- A number of people (especially children) infected with the H1N1 virus also report having diarrhea and vomiting.

How to Stay Well and Help Us Fight the Flu



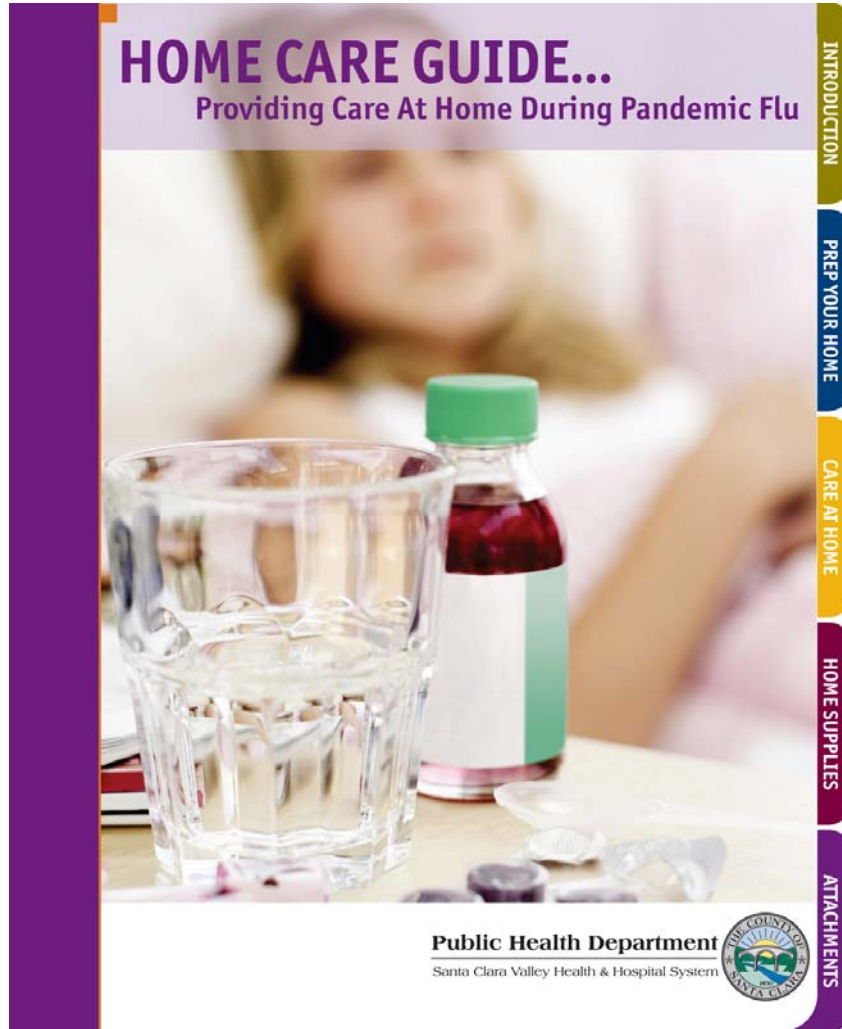
- Wash your hands with soap and water – **often!**
- Avoid touching your eyes, nose or mouth.
- Stay away from sick people as much as possible.
- Keep surfaces clean.
- As supplies allow, get vaccinated!

While you are waiting for flu vaccine...

- Monitor yourself and your household for symptoms of flu
- If you have flu symptoms, contact your medical provider for early treatment with anti-viral medications if you are:
 - Pregnant
 - Less than 2 years old
 - >65 years old
 - Have a chronic medical condition*
- Make sure your pneumococcal vaccination is up to date if you are > 65 or have a chronic medical condition

*<http://www.cdc.gov/H1N1flu/antivirals/geninfo.htm>

Caring for People with H1N1



Available online:

www.sccphd.org

CDC H1N1 Resources for Businesses

Guidance and Toolkit

- Planning for 2009 H1N1 Influenza: A Preparedness Guide for Small Business
- Guidance for Businesses and Employers to Plan and Respond to the 2009 – 2010 Influenza Season
- Preparing for the Flu: A Communication Toolkit for Business and Employers

These resources as well as others can be found at:

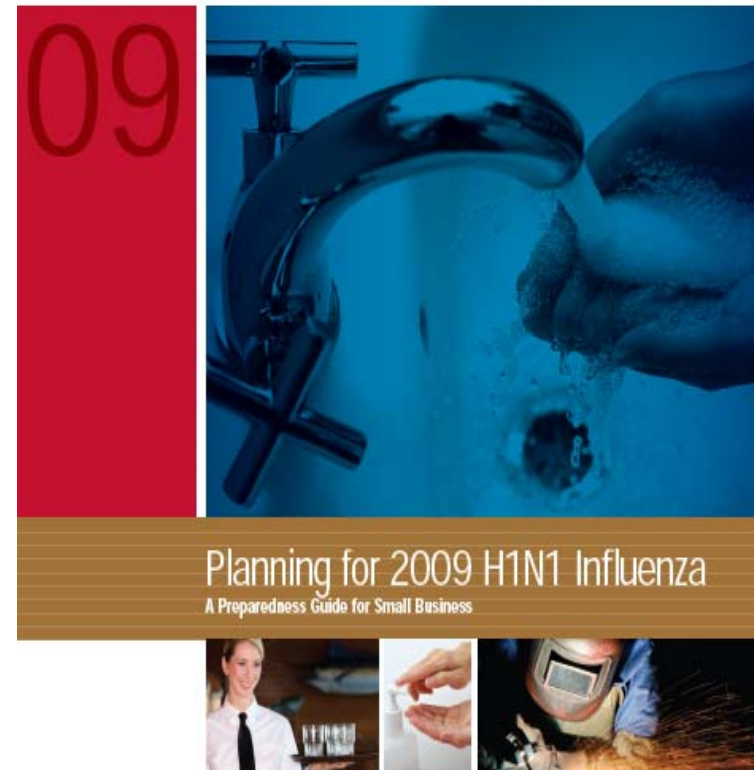
www.flu.gov

Planning for 2009 H1N1 Influenza: A Preparedness Guide for Small Business



Focused on Small Businesses

This guide is intended to help you write your plan and help spread the message of preparedness. Also, encourage your employees to prepare their own homes and families, which includes having a plan to care for sick family members and storing a two-week supply of food and medical supplies.



CDC Guidance for 2009-2010 Influenza Season

Guidance for Businesses and Employers to Plan and Respond

This guidance is designed to help employers plan for and respond to *two* possible conditions:

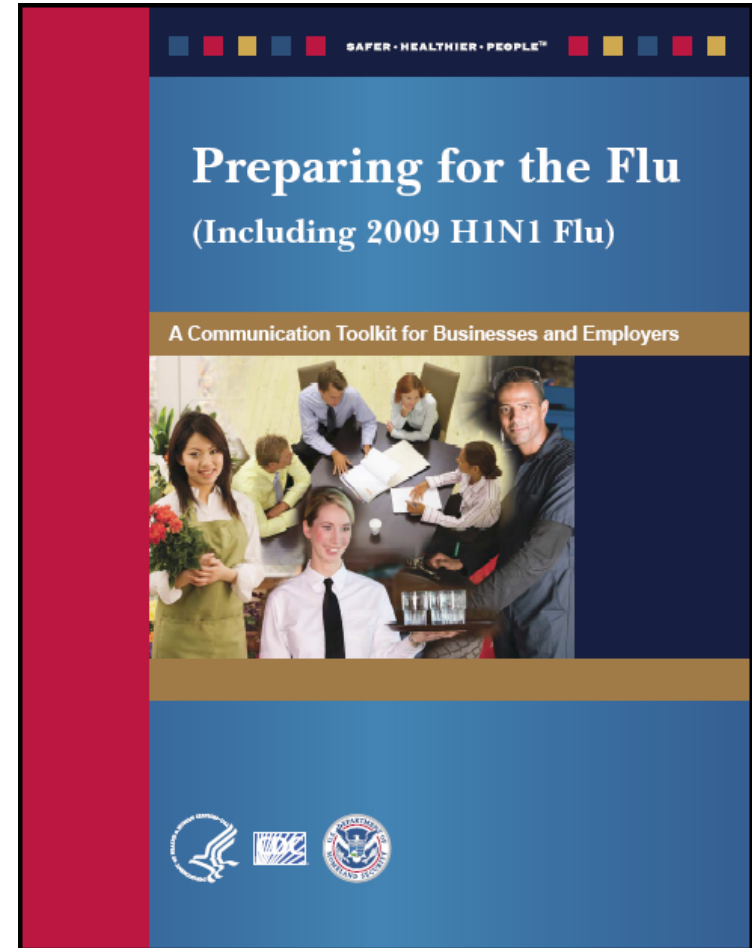
- 1) a continuation of the current level of severity of influenza as was observed during 2009
- 2) a more severe outbreak



H1N1 Communications Toolkit for Businesses

Workplace Communications

- The purpose of "Preparing for the Flu: A Communication Toolkit for Businesses and Employers" is to provide information and communication resources to help businesses and employers implement recommendations from CDC's *Guidance for Businesses and Employers to Plan and Respond to the 2009-2010 Influenza Season*



CDC H1N1 Communications Toolkit for Businesses

The toolkit includes:

- Letter from the Secretaries of Commerce, Health and Human Services, Homeland Security, and Labor
- Questions and Answers about CDC's *Guidance for Businesses and Employers to Plan and Respond to the 2009-2010 Influenza Season*
- Fact Sheet for Employers & Employees
- Poster for Workplace Entrances to Remind Sick Employees to Go Home
- STOP! Do You Feel Sick? Template E-mails (or Letters) for Businesses to Send to Employees

CDC Poster for Businesses

Do you feel sick?



**You may have the flu if you have fever or chills
AND
a cough or sore throat**

You may also have a runny nose, body aches,
a headache, tiredness, diarrhea, or vomiting

**If you think you have the flu,
tell your supervisor and stay home,
except to get medical care.**

For more information visit www.flu.gov
or call 1 (800) CDC-INFO (232-4636)



11/08/08

Questions?



Thank You

Public Health Department

Santa Clara Valley Health & Hospital System



Dedicated to the Health of the Whole Community