



Introduction



Print Page



Glossary of Terms



References

Welcome to "Mass Antibiotic Dispensing During a Large-Scale Public Health Emergency: An Introductory Training for Health Professionals.

The anthrax attacks following the events of September 11, 2001, the [Severe Acute Respiratory Syndrome](#) (SARS) outbreaks of 2003 and 2004, the appearance and spread of [West Nile](#) in 1999, and regular seasonal influenza occurrences have underscored the need for public health agencies and healthcare providers to prepare for response to public health emergencies and disasters. Many organizations at the state, county, and local levels have developed preparedness plans to include responding to acute outbreaks, enhancing local surge capacities, and collaborating with other agencies.

Health departments and hospitals will likely be stretched beyond their capacities during a large-scale public health emergency or disaster. This will make it difficult to provide medication to the public without help from municipal partners and volunteers such as yourself.

The [Cook County Department of Public Health](#) (CCDPH) and [Loyola University Medical Center Emergency Medical Services \(EMS\) System](#) developed this course for health care providers and a wide variety of other health professionals regulated and/or licensed to provide some type of health care. This training is based on the Pharmaceutical Stockpile Distribution Plan Paramedic Training Program for Illinois-licensed Emergency Medical Technician – Paramedics (EMT-Ps), which we also created to aid in the dispensing of medications to local first responders and their family members.



This training will cover the following information and take between 2 and 4 hours to complete:

- Provide you an overview of the CCDPH;
- Describe what mass dispensing is;
- Share information about the Cook County Pharmaceutical Stockpile Distribution Plan; and
- Teach you how to dispense prophylactic medications for a response to Anthrax, Tularemia, and Plague based on CCDPH guidelines.



Glossary of Terms



Print Page



Glossary of Terms



References

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [G](#) | [H](#) | [I](#) | [J](#) | [K](#) | [L](#) | [M](#) | [N](#) | [O](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [X](#) | [Y](#) | [Z](#)

A

Agent

a chemical, force, or organism that can injure humans or other animals.

Antibiotic

a substance that fights bacteria.

Antiviral

literally "against-virus;" any medicine capable of destroying or weakening a virus.

[↑ Top of Page](#)

C

Cache

a stockpile of antibiotics, other medications, supplies, or vaccines.

Centers for Disease Control and Prevention (CDC)

the federal agency in charge of many core public health activities for the nation, such as investigating disease outbreaks, and developing control measures.

CBRNE

chemical, biological, radiological, nuclear, and explosive agents

Communicable disease

an infectious disease that is contagious and which can be transmitted from one source to another by infectious bacteria or viral organisms (definition from CDC).



[BACK](#)

[NEXT](#)

[Introduction](#)

[Everyday Role of CCDPH](#)

[Emergency Role of CCDPH](#)

[Current Planning Efforts](#)

[Assess Your Understanding](#)

[Summary](#)

Everyday Role of CCDPH

"Health care is vital to all of us some of the time, but public health is vital to all of us all of the time." C. Everett Koop

Mission

CCDPH's mission is to protect and promote health and to prevent illness, disability and premature death among all residents of suburban Cook County.

Jurisdiction



CCDPH is the state-certified public health agency for suburban Cook County, excluding Evanston, Skokie, Oak Park, and Stickney Township because each has a separate, state-certified public health department that is operated by its respective local unit of government. CCDPH serves a population of 2.3 million people and has jurisdiction in 125 incorporated municipalities in 30 townships covering 700 square miles in suburban Cook County – a large, diverse region bordering the City of Chicago. Municipalities in suburban Cook County range in size from several hundred to more than 50,000 residents. The population is diverse, and the neediest populations are growing exponentially.

CCDPH's jurisdiction is not only geographically complex, but also has a substantial amount of community partners that play an integral role in helping the agency meet its mission, including, but not limited to 20 acute care hospitals; 667+ daycare facilities; 700+ schools; 18,000 physicians, and 25,000 first responders.

Everyday Role of CCDPH

CCDPH integrates the three core functions --- Assessment, Policy Development, and Assurance --- and ten essential services of public health into its everyday role.

- **Assessment**