Community Health Assessment: Finding the Information You Need
March 3, 2011

Guest Speaker
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Background

• NYS’s local health departments and hospitals are required to perform periodic local health assessments

• Public Health practitioners and their partners often undertake assessments for grant applications

• Public Health data and information are also needed for performance monitoring and evaluation

Accreditation of State and Local Public Health Agencies

Voluntary accreditation of state and local public health agencies will start in 2011

Prerequisites:
• State or Local Health Assessment
• State or Local Health Improvement Plan
• Agency wide Strategic Plan

“Diagnosis” Medical vs Public Health Model

Medical

Doctor/Nurse ↔ Patient ↔ Symptoms (from patient/tests) ↔ Illness ↔ Health treatment

Public Health

Epidemiologist/Health Planner ↔ Population ↔ Descriptive/Analytic Epidemiology (Assessment) ↔ Health Problems/Issues ↔ Intervention

Descriptive Epidemiology

Analyze events (disease, death, behavior) by:

• Time: yearly trend, by season
• Place: neighborhood, proximity to exposure (ex., well, occupation)
• Person: age, gender, race/ethnicity

Assessment is part of an ongoing planning cycle that enables us to:

• Assess problems, needs, assets and strengths;
• Develop and implement solutions;
• Allocate resources;
• Evaluate activities;
• Monitor performance;
• Begin again—assess problems…

What is a Community Health Assessment (CHA)?

Part of a strategic plan that describes the health of the community by collecting, analyzing and using data to educate and mobilize communities, develop priorities, garner resources, and plan actions to improve public health.

* Working Definition, “Useful CHA” Workgroup - NY
Community Health Assessment involves the collection, analysis and interpretation of relevant data including:

- Demographic characteristics of the population of interest;
- Population’s health status in regard to the problem being addressed;
- Availability, accessibility and acceptability of the needed resources as well as the adequacy of their coordination.

1988—Future of Public Health (IOM Report)

Identified Core Public Health Functions: Assessment, Assurance, Policy Development

Assessment:
“Every public health agency regularly and systematically collect, assemble, analyze, and make available information on the health of the community, including statistics on health status, community health needs and epidemiologic and other health problems.”

NY:
Re-emphasis of public health activities at state and local level
New and greater emphasis on health assessment

Evolution of Healthy People

<table>
<thead>
<tr>
<th>Target Year</th>
<th>1985</th>
<th>2000</th>
<th>2010</th>
<th>2020</th>
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</thead>
<tbody>
<tr>
<td><strong>Objective</strong></td>
<td>Increase life expectancy for all</td>
<td>Increase quality of life for all</td>
<td>Eliminate health disparities</td>
<td>Increase health literacy for all</td>
</tr>
<tr>
<td><strong>Objectives/ Measures</strong></td>
<td>225/NA</td>
<td>312/NA</td>
<td>407/1,000</td>
<td>&gt;180/1,200</td>
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</tbody>
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1985—Local Funding of Public Health Activities requires a bi-annual Community Health Assessment.

Health Assessment becomes part of NYS Health Rules and Regulations

Part 40, 40-2.150:
“Local health units shall analyze the health status of residents within their jurisdiction with regard to morbidity, mortality, maternal and child health, and other parameters as reasonable and appropriate. This analysis shall include a description of the demographic characteristics of the locality, with special attention to those demographic parameters predictive of increased risk of excessive morbidity and mortality to the extent that such data are available.”
CWT - Key Principles

- Local communities can have the greatest impact by intervening in the causes of poor health.
- Improvements will require the engagement of the entire community.
- Priorities must address the greatest concerns of local communities.
- Progress must be measurable through specific, quantifiable and practical objectives.

New York State’s Health Assessment and Health Improvement Plan--

“Prevention Agenda Towards The Healthiest State”

Prevention Agenda

- Established 10 public health priorities for improving the health of New Yorkers
- Set goals for 2013 and indicators to track progress
- Asked county health departments and hospitals to lead community efforts to mobilize action and to describe efforts in planning reports

Prevention Agenda Priorities

- Access to Quality Health Care
- Chronic Disease
- Community Preparedness
- Healthy Environment
- Healthy Mothers, Healthy Babies, Healthy Children
- Infectious Disease
- Mental Health and Substance Abuse
- Physical Activity and Nutrition
- Tobacco Use
- Unintentional Injury

NYSDOH Public Website

- Statistics and Data
- Community Health Assessment Clearinghouse
- Prevention Agenda
- Links to other internet resources
NYSDOH Public Website

• Statistics and Data

Statistics & Data
- Vital Statistics
- Health Care Coverage
- Tobacco Use
- Behavioral Risk Factor Surveillance System (BRFSS)
- Cancer
- Cancer Registry, New York State
- Cardiovascular Disease (Heart Disease and Stroke)
- Intellectual Disability
- Mental Health
- Physical and Emotional Health
- Intimate Partner Violence (IPV)
- Community Health Assessment
- Health Literacy
- Cancer Reports
- Obese
- Diabetes
- Substance Abuse
- HIV/AIDS
- STD
- Violence
- Substance Abuse
- Medicaid

Information on Asthma in New York State

• New York State Asthma Surveillance Summary Report
  - October 2009: 1,399, 2010: 1,409 (as of 30/11/2010)
  - New York State Asthma Surveillance Summary Report
  - October 2011: 1,409

Asthma Prevalence in the United States and New York State

• Prevalence of Asthma in the United States and New York State 2009/2010
  - Adult Asthma Prevalence in the United States
  - Adult Asthma Prevalence in New York State

Asthma Prevalence in the United States and New York State 2009/2010

• Prevalence of Asthma in the United States and New York State 2009/2010

Asthma Emergency Department Visits in New York State by Region and County (2006-2010)

• Facts About Asthma Emergency Department Visits
  - About asthma emergency department visits

Cancer Registry and Cancer Statistics

The New York State Cancer Registry:

• The New York State Cancer Registry is designed by the New York State Cancer Registry to provide cancer statistics through this Ad Hoc Cancer. Contact the Cancer Registry for more information on the methodology.

• New York State Cancer Registry

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Useful Places for Data on DOH Website
(www.nyhealth.gov)

Statistics and Data Page (www.nyhealth.gov/statistics)
- Asthma (www.nyhealth.gov/statistics/ny_asthma/index.htm)
- Cancer (www.nyhealth.gov/statistics/cancer/registry/nyscr.htm)
- Communicable Disease (www.nyhealth.gov/statistics/diseases/communicable)
- SPARCS (www.nyhealth.gov/statistics/sparcs)
- Community Health Assessment Clearinghouse (www.nyhealth.gov/statistics/chac)
Expanded Behavioral Risk Factor Surveillance System (Expanded BRFSS)

The Expanded Risk Factor Surveillance System (Expanded BRFSS) augments the CDC Behavioral Risk Factor Surveillance System (BRFSS), which evaluates in 20 states. It provides a systematic, data-driven approach to understanding the risk factors for chronic diseases, injuries, and health behaviors that contribute to preventable conditions. The Expanded BRFSS includes three main elements: state-level data collection, population-based surveillance, and community health planning.

Survey data collection is conducted in 34 geographic areas after risk states, including those that report outside the New York City region. The expanded BRFSS is designed to provide a more comprehensive understanding of the health status of New York residents compared to the original BRFSS.

July 2009 - June 2010 Expanded BRFSS

- Questionnaire (PDF, 1MB, Opens in a new window)
- County-specific report
- Report on New York State Behavioral Risk Factor Surveillance Program
- Community-specific intervention agenda report
- Frequently asked questions

Behavioral Risk Factor Surveillance System (BRFSS)

Websites

- BRFSS-NYSDOH (http://www.health.state.ny.us/nysdoh/brfss/)
- BRFSS-CDC (http://www.cdc.gov/brfss/)
- Expanded BRFSS (http://www.health.ny.gov/statistics/brfss/expanded)
Community Health Assessment Clearinghouse

- County Health Indicator Profiles
- Community Health Data Set
- County Health Assessment Indicator Reports
- County Health Indicators by Race/Ethnicity

New York State County Health Indicator Profiles

- About the County Health Indicator Profile
- Listing of Headings and Subheadings of the County Health Indicator Profiles
- New York State County Health Indicator Profiles - Regional New York
- New York State Counties Health Indicator Profile - New York City
- New York State Counties Health Indicator Profile - New York State

To find a New York State County Health Indicator Profile, select a county from the map below, or from a list of counties in New York.
Community Health Assessment Clearinghouse
(www.nyhealth.gov/statistics/chac)

• Community Health Data Set
(www.nyhealth.gov/statistics/chac/chds.htm)
• County Health Assessment Indicator Reports
(www.nyhealth.gov/statistics/chac/chai/index.htm)
• County Health Indicator Profiles
(www.nyhealth.gov/statistics/chip/index.htm)
• County Health Indicators by Race/Ethnicity
(www.nyhealth.gov/statistics/community/minority/county/ )
Prevention Agenda Website

- Tracking public health priority areas
- Prevention Agenda priority pages

Tracking Public Health Priority Areas
Prevention Agenda Website
(www.nyhealth.gov/prevention/prevention_agenda/)

- Indicators for Tracking Priority Areas
  www.health.state.ny.us/prevention/prevention_agenda/indicators_matrix.htm

Example: Tobacco Priority Page on Website

Priority Area: Tobacco Use

The reduction of tobacco use and secondhand smoke

Objectives:
- In the rural area, reduce the proportion of smoking adults from 16% to 6% by 2015.
- In the city area, reduce the proportion of smoking adults from 26% to 12% by 2015.

Data and Statistics

- Smoking prevalence for pregnant women, adults and teens, NYS and NYC (excluding NYC):
  - NYS Department of Health, Chronic Health Data Set
- Smoking prevalence among adults (four levels of smoking status), NYS and NYC:
  - Office for Tobacco, Control and Prevention, Behavioral Risk and Prevalence Survey
- Smoking prevalence for youth and adults, cigarette sale statistics, NYS and NYC:
  - Centers for Disease Control and Prevention, Youth Tobacco Surveys
- Tobacco-related illness level indicator by health status:
  - NYS Department of Health, Healthy Communities Indicators
- Tobacco-related diseases and conditions: Smoking, Chronic Conditions, Oral Health, Heart Disease and Stroke, NYS and counties:
  - NYS Department of Health, NYS Community Health Data Set
- Comprehensive cancer statistics:
  - NYS Department of Health, NYS Cancer Data and Statistics
- State Cancer Profiles:
  - Cancer Control P.L. 88-1317.
NYSDOH Programs

Tobacco Control Program

External Websites - Data

Evidence Based Interventions

Strategies – The Evidence Base for Effective Interventions

Guide to Community Preventive Services (The Community Guide)

The booklet provides a systematic review of the effectiveness of interventions to reduce or prevent tobacco use that are found in the health care industry. The booklets include guidelines for best practices in health care that are aimed at reducing tobacco use.

Kids Well-being Indicator Clearinghouse (KWIC)
American FactFinder

(http://factfinder.census.gov/home/saff/main.html?lang=en)
Healthy People 2020

(http://www.healthypeople.gov/2020/default.aspx)

Future Activities

• Update and expand the Community Health Assessment Clearinghouse, the Prevention Agenda site, and the Statistics and Data sites as new information becomes available.

• Develop and make available public health data and information web based training modules.
Public Health Data/Information Module

Topic Areas

• Vital Statistics
• SPARCS (hospital and ER data)
• NYSDOH County-level public health data
• NYSDOH Population-based survey data
• Prevention Agenda
• NYSDOH Partner Sites
• Health Disparity Sites

Public Health Data/Information Module

Topic Areas

• Nationally generated County-level public health data
• Nationally generated State to State comparisons
• Prevention Quality Indicators
• Environmental Public Health Tracking
• Quality Assessment Reporting Requirement (QARR) Information

Contact Information

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