

Population Health Clerkship 2013: Worcester Department of Public Health

Benjamin Adler, Jan Czerminski, Joseph Cerasuolo, Joshua Cohen, Nicole Koulisis, Peter Lee



Our population of focus:

- Total population of 181,045 in Worcester (2010)
- Median household income of \$47,415
- 19% of residents live below the poverty level

www.census.go

Worcester: Healthiest city in New England by 2020

- A clear goal with concrete aims provides the department with focus going forward
- Allows for efficient use of limited city resources

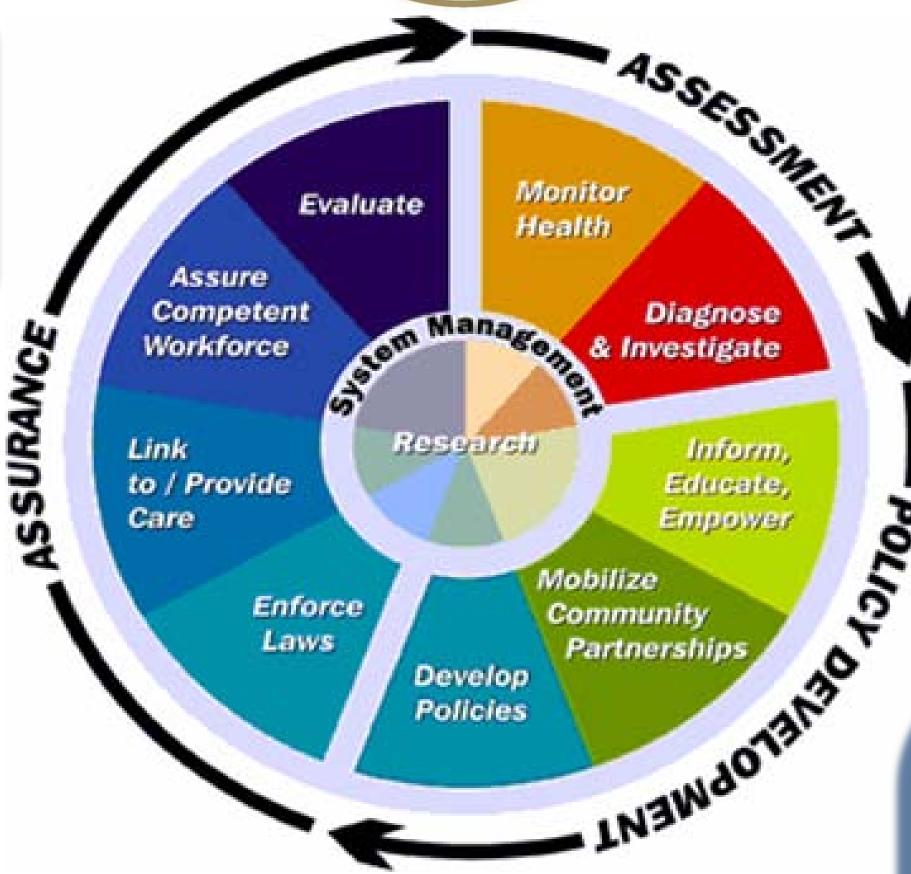
Community Influenza Clinic:

- DPH promotes community immunity initiative
- Offers free flu clinics for all 6 members of the Central Mass Regional Public Health Alliance
- Staffed by community volunteers and Medical Reserve Corps
- Over 160 immunized at the Worcester Flu Clinic and over 230 immunized in Shrewsbury. Over 170 immunized in surrounding communities.

Inspectional Services:

- Inspects food establishments, housing units, and monitors air and water quality
- Responds to complaints from the community
- Important for maintaining an acceptable level of cleanliness and ensuring public health
- If deficiencies are found, inspectors ensure that violations are remedied in a timely manner







For more information, please visit www.worcesterma.gov/ocm/public-health

Community Health Assessment:

- Epidemiological analysis of Worcester and surrounding communities on a number of health measures
- Topics include diet, activity, drug use, childhood asthma, diabetes, and hypertension

Emergency Preparedness:

- Coordinate inter-institutional community resources to respond to a disaster
- Run disaster simulations to maintain readiness for response to a variety of disasters
- Practice emergency immunization protocols with the Medical Reserve Corps

Community Health Improvement Plan:

- A concrete plan aimed at health prevention and longterm care
- 5 domains of focus to improve the health of the city
- Healthy Eating/Active Living (72% of adults in Worcester are overweight)
- **Behavioral Health** (18.6% of 12th graders have abused prescription drugs in their lifetime)
- Primary Care and Wellness (11% of adults have asthma and 8% have diabetes)
- Violence and Injury Prevention (11.9% of high school students report having carried a gun to school)
- Health Equity & Health Disparities (32% of Blacks and 25% of Hispanics report feeling discriminated against by health professionals) www.worcesterma.gov/ocm/public-health/greater-worcester-chip

We would like to acknowledge Dr. Jill Terrien, Dr. Michael Hirsch, Derek Brindisi, Seth Peters, Pat Bruchmann, Dr. Leonard Morse, the Department of Inspectional services, the Water Treatment Plant, and everyone else that made this clerkship experience such a success.