Healthy People 2020: Who’s Leading the Leading Health Indicators?
Welcome to the second installment of the monthly series, “Who’s Leading the Leading Health Indicators?”

Each month, this series will highlight an organization that is using evidence-based approaches to address one of the Healthy People 2020 Leading Health Indicator (LHI) topics.
Webinar Agenda

- Don Wright, MD, MPH
  HHS Deputy Assistant Secretary for Health
- Howard K. Koh, MD, MPH
  HHS Assistant Secretary for Health
- Dalton Paxman, PhD
  HHS Regional Health Administrator, Region III
- Robert Grossmann, Director
  Philadelphia Landcare Program, Pennsylvania Horticultural Society
- Charles Branas, PhD
  University of Pennsylvania
What is Healthy People?

- A comprehensive set of national 10-year health objectives
- A framework for public health priorities and actions
- Roadmap for prevention
What are the Leading Health Indicators (LHIs)?

Leading Health Indicators are:

- Critical health issues that, if addressed appropriately, will dramatically reduce the leading causes of preventable deaths and illnesses.

- Linked to specific Healthy People objectives.

- Intended to motivate action to improve the health of the entire population.
LHI Topics

- Access to Health Services
- Clinical Preventive Services
- Environmental Quality
- Injury and Violence
- Maternal, Infant, and Child Health
- Mental Health
- Nutrition, Physical Activity, and Obesity
- Oral Health
- Reproductive and Sexual Health
- Social Determinants
- Substance Abuse
- Tobacco
Impact: Injury and Violence

- Reducing injury and violence decreases disabilities and saves lives.

- Injury and Violence
  - Among top 15 killers of Americans of all ages
  - Leading cause of death for ages 1 to 44
Numerous determinants (factors) can affect the risk of injury and violence.

For example:

- Individual behaviors
- Access to services
- Physical environment
Leading Health Indicators: Injury and Violence

- Indicators for injury and violence:
  - Fatal injuries
  - Homicides

- Healthy People at the community level:
  - Action at the community level creates momentum for national change.
Injury Death Rate

Injury Death Rate: By Gender

Homicide Rate


Obj. IVP-29
Homicide Rate: Race and Ethnicity

Source: National Vital Statistics System-Mortality (NVSS-M), NCHS, CDC.

Obj. IVP-29
Preventing Injury and Violence: Federal Actions

- Teen Violence Awareness Month
- HHS Action Plan to Reduce Racial and Ethnic Disparities
- Health Reform Law
  - National Prevention Strategy
  - Domestic Violence Screening
Dalton Paxman, PhD
Regional Health Administrator, Region III
Philadelphia LandCare Program

Managed by the Pennsylvania Horticultural Society
Under contract with the City of Philadelphia
Unmanaged Vacant Land

The city does not own all of the vacant land, but it does own the problems created by vacancy.

- Destabilizes neighborhoods
- Depresses property values
- Becomes a haven for illegal activities
- Fosters environmental contamination
- Poses health and safety risks
- Creates a downward spiral of abandonment and disinvestment

Approximately 40,000 vacant parcels
Philadelphia LandCare Program

- Funded by the City of Philadelphia
- 8,000,000 square feet of land stabilized (6000 parcels)
Interim Treatment - Before

A vacant lot before treatment
Interim Treatment - After

The same lot after treatment
Key Elements of Vacant Land Management

- City government / PHS collaboration
- Funding from City of Philadelphia
- Targeted neighborhoods
- Strategic site selection
- Interim treatment
- Pre-development tool
- City-wide scale
- Economical yet pleasing landscape design
- Maintenance system
Economic Impact

While proximity to a neglected vacant lot subtracts 20% from the value of an adjacent home...
Economic Impact

...adjacency to a stabilized lot - one that has been improved through cleaning and greening - increases the home’s value by as much as 37%.
Health, safety, and greening vacant urban space

Department of Biostatistics and Epidemiology
Department of Criminology
Cartographic Modeling Laboratory

University of Pennsylvania
Philadelphia, USA
“Programs that focus on places or structural dimensions can influence the lives of more people and for longer periods of time than individually based interventions.”

Yen and Syme, Ann Rev Pub Health 1999
Quasi-experimental study

From 1999–2008:

Greened vacant lots (n = 4,436)

Eligible but ungreened control lots (n = 13,308)
Effect of greening on health and safety

• Gun assaults significantly reduced in all city sections
• Vandalism significantly reduced in West Philadelphia
• High stress significantly reduced in North Philadelphia
• Exercise significantly increased in West Philadelphia
Going forward

• Greening vacant urban lots is inexpensive, easily scalable, and shown to reduce certain crimes and enhance aspects of health
• The US still has tens of millions of vacant and abandoned properties
• Community-based trials with random assignment of greening now warranted
• Consideration of other structural or place-based interventions
Questions?


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Question & Answer Session

Please take a moment to fill out our brief survey.
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