



# HIA 101: Resources/Tools

Jennifer C. Boyce, MPH

Wisconsin Department of Health Services



# Acknowledgements



- **Emmy McAuliff:** Harmful Algal Blooms
- **Paula Tran Inzeo:** University of Wisconsin Population Health Fellow
- **Shelly Shaw:** Community Transformation Grant
- **Miles Kirby:** Project Coordinator in Kenya
- **Marjory Givens:** University of Wisconsin Post Doctoral Fellow
- **Jessica Maloney:** Agency for Toxic Substances and Disease Registry (ATSDR)
- **Rob Thiboldeaux:** ATSDR
- **Chuck Warzecha:** Director of the Bureau of Environmental and Occupational Health (BEOH)



# HIA in Wisconsin



## Activities completed in Year 1 (Sept 09-Aug10)

Received Association of State and Territorial Health Officials (ASTHO) capacity-building grant for HIA

Training of State and County agencies

Screening of several policies/projects for HIA

Webinars

Conducted two pilot studies

Pillar objective in Healthiest Wisconsin 2020

## Activities completed in Year 2 (Sept 10-May 11)

Continued ASTHO funding

Continue workshops and training

Distribute three mini grants to local health departments

Continue outreach to new partners

Develop tools and resources that can support others in HIA



# HIA Trainings

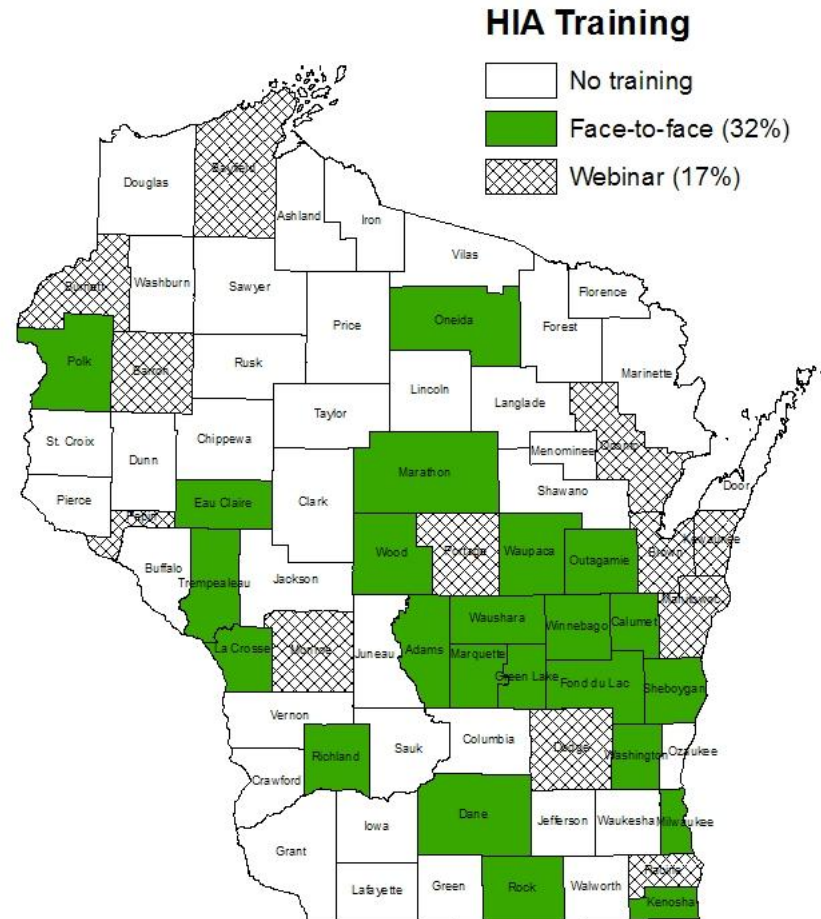


- 2-day trainings by Human Impact Partners
- 1-day training by state staff with Communities Putting Prevention to Work staff
- Webinars



## HIA projects in WI

- Large Agricultural Farm Siting
- School Siting
- Alcohol Outlet Density
- Open Air Burning
- Treatment instead of prison



# Rapid HIA mini-grants \$10K

- Sept 2010
  - RFP sent out and due on Oct 25, 2010
- Nov 15, 2010 to May 15, 2011
  - Six month funding period
- Early December
  - Initial conference call with each local health department
- Mid December
  - Two hour in-person scoping meeting
    - Established goals, drafted pathway diagram and research questions, brainstormed data sources
- Two BEOH staff assigned to each grant
  - Biweekly check in calls



# Wisconsin HIA Network

*Enhance and sustain collaborative capacity among agencies, programs, and organizations*

- Dept. of Natural Resources
- Dept. of Administration
- Dept. of Transportation
- Dept. of Military Affairs
- Dept. of Commerce
- WI Center for Health Equity
- 1000 Friends
- Clean Wisconsin
- Covering Kids and Families
- UW – Applied Population Laboratory
- UW – Population Health Institute
- UW – Nelson Institute
- WI Asthma Program
- WI Healthy Homes Program
- ATSDR Brownfields Redevelopment
- Environmental Public Health Tracking Program
- Harmful Algal Blooms Program
- Nutrition and Physical Activity Program
- WI Childhood Lead Poisoning Prevention Program
- Division of Health Care Access & Accountability
- Bureau of Health Information & Policy
- Local Health Departments
- WISDOM



# Wisconsin HIA Online Toolkit



**PURPOSE:** One stop shop for HIA related information.

- HIA How-To Guide, lit-review sites, case studies
- Survey tools, indicators, free software
  - PEQI, HDMT, EpiInfo, OpenStreetMap
- Inventory of data resources
  - Health, demographic, environmental, GIS/mapping
- Professional and community organizations, HIA funding opportunities
- Join WI HIA Network/Listserv
- Webinars

**<http://dhs.wisconsin.gov/hia>**





# Wisconsin Health Impact Assessment Online Toolkit

Considering Health in All Policies

- Home
- Case Studies
- Methods and Tools
- Wisconsin Data and Resources
- Webcast and Training
- Public Policy and Community Planning Information
- Wisconsin Organizations and Potential Partners
- Literature Review
- HIA Organizations and Links
- Contact Us



**Health Impact Assessment (HIA) is** "A combination of procedures, methods and tools by which a policy, programme or project may be judged as to its potential effects on the health of a population, and the distribution of those effects within the population." [European Centre for Health Policy, WHO Regional Office for Europe. Gothenburg Consensus Paper \(1999\).](#) (exit DHS, PDF, 138 KB)

## The major steps in conducting an HIA include:

- Screening:** Determines the need and value of a HIA
- Scoping:** Determines which health impacts to evaluate, methods for analysis, and a workplan
- Assessment:** Involves profiling existing health conditions, measuring potential health impacts and identifying strategies to manage identified adverse health impacts
- Reporting:** Includes the development of the HIA report and communication of findings and recommendations
- Monitoring:** Quantifies impacts on decision-making processes, the decision, and health determinants  
*(source: [Human Impact Partners](#)) (exit DHS)*

For more information, see the [Practice Standards for HIA](#) (PDF, 133 KB)

Please join our Wisconsin HIA listserv to stay current with current opportunities, resources, etc! Contact [Jennifer.Boyce@wi.gov](mailto:Jennifer.Boyce@wi.gov) to join.

**Spotlight**

**New** The [full report](#) (PDF, 150 KB) of Wisconsin's first year of HIA activities is now available.

Check out the [Wisconsin HIA Factsheet](#) (PDF, 377KB) which provides an overview of the HIA framework and the many potential benefits of HIA.

The final webinar, [Putting HIA Into Action \(Webcast, help\)](#), in the three part series is available online.

[More](#) information about the webinar series is available.

PDF: The free *Adobe Reader*® software is needed to view and print portable document format (PDF) files. [Learn more.](#)



# Wisconsin Health Impact Assessment Online Toolkit

## Considering Health in All Policies

Home

Case Studies

Methods and Tools

Wisconsin Data and Resources

Webcast and Training

Public Policy and Community Planning Information

Wisconsin Organizations and Potential Partners

Literature Review

HIA Organizations and Links

Contact Us



---

All external hyperlinks are provided for your information and for the benefit of the general public. The Department of Health Services does not testify to, sponsor, or endorse the accuracy of the information provided on externally linked pages.

---

## Methods and Tools

[World Health Organization links to HIA guides](#)

[European Centre for Health Policy, WHO Regional Office for Europe. Gothenburg Consensus Paper \(1999\)](#). (exit DHS, PDF, 138 KB)

North American HIA Practice Standards Working Group

- [Practice Standards for HIA, North American HIA Practice Standards Working Group, 1999](#) (PDF, 133 KB)
- [Minimum Practice Standards, 2010 Update, version 2](#) (PDF, 3MB)

Human Impact Partners

- [HIA Readiness Questions](#) (PDF, 149 KB)
- [HIA Screening Worksheet](#) (PDF, 75 KB)
- [HIA Scoping Worksheet](#) (PDF, 91 KB)

[Health Impact Assessment Tools - San Francisco Program on Health Equity and Sustainability](#)

[Active Living Research Tools and Measures](#)

[Healthy Development Measurement Tool](#) (indicators)

[University of Kansas Community Toolbox](#)

[Pedestrian Environmental Quality Index](#)

[University of Wisconsin Participatory Photo Mapping](#)

[University of Wisconsin Survey Center](#)

[Wisconsin Safe Routes to School](#) (surveys, toolkit)

[Focus Group Fundamentals](#) (Iowa Extension) (PDF, 472 KB)

[Design for Health](#)



# Wisconsin Health Impact Assessment Online Toolkit

*Considering Health in All Policies*



All external hyperlinks are provided for your information and for the benefit of the general public. The Department of Health Services does not testify to, sponsor, or endorse the accuracy of the information provided on externally linked pages.

[Madison-Specific Data and Organizations](#)

[Milwaukee-Specific Data and Resources](#)

[Software](#)

[Wisconsin Demographics and Community Information](#)

[Wisconsin Environmental / Agricultural Data](#)

[Wisconsin Health Data and Other Resources](#)

[Wisconsin Mapping Resources](#)

[Wisconsin State Agencies](#)

[Wisconsin Transportation](#)

PDF: The free *Adobe Reader*® software is needed to view and print portable document format (PDF) files. [Learn more.](#)

Last Revised: February 01, 2011

- Home
- Case Studies
- Methods and Tools
- Wisconsin Data and Resources
- Webcast and Training
- Public Policy and Community Planning Information
- Wisconsin Organizations and Potential Partners
- Literature Review
- HIA Organizations and Links
- Contact Us

# Wisconsin Health Impact Assessment Online Toolkit

## *Considering Health in All Policies*

Home

Case Studies

Methods and Tools

Wisconsin Data and Resources

Webcast and Training

Public Policy and Community Planning Information

Wisconsin Organizations and Potential Partners

Literature Review

HIA Organizations and Links

Contact Us



## Webcast and Training

### Webinar 1: Introduction to Health Impact Assessment

The [Introduction to Health Impact Assessment](#) ([Webcast\\_help](#)), held May 18, 2010, was intended for public health professionals, community planners, partners, and local leaders involved in health, social and economic decision making. The Introduction to HIA webcast will define Health Impact Assessment (HIA) and provide an overview of the tool's benefit in recognizing the health impacts of decisions about built environments and land use planning. The objectives for the presentation are for participants to gain a better understanding of the purpose of HIA, the steps involved in the framework, review examples of completed and potential HIA projects, and discuss resources available to learn more about HIA.

### Webinar 2: HIA Step 1 Screening

[HIA Step 1 Screening](#) ([Webcast\\_help](#)), held June 2, 2010, is used to assess a defined project, plan or policy with the purpose to inform decision-makers before they make a decision. The screening process is used to establish the value of HIA, assess feasibility, understand timing, evaluate decision openness, be inclusive, and avoid redundancy. Essential tasks in screening include: define the decision and its alternatives, decide who will be involved, determine if potential partners are ready to work on a HIA, evaluate the project based on screening criteria, make a decision about whether to conduct a HIA, and notify stakeholders of your decision. (approximately 55 minutes)

### Webinar 3: Putting HIA Into Action

[Putting HIA Into Action](#) ([Webcast\\_help](#)), held June 23, 2010, provides an overview of the HIA framework and presents Wisconsin-specific tools, resources and HIA opportunities. This presentation includes information about identifying intervention points for HIA and describes two rapid HIA projects taking place in Wisconsin. (approximately 60 minutes)

### Materials from In-Person Trainings in Wisconsin

[Materials from Human Impact Partner and DHS HIA March 2010 training in Milwaukee](#) (PDF, 20 MB) - These materials are designed for local public health practitioners and community partners

[Materials from Human Impact Partners and DHS January 2010 HIA training in Madison](#) (PDF, 22 MB) - These materials are designed for state agencies

- [Case Study 1: Zoning](#) (PDF, 147 KB) - This case study involves proposed changes to the City of Madison's zoning codes.
- [Case Study 2: Vehicle Miles Traveled Policy](#) (PDF, 209 KB) - This case study involves a "Fix-It-First" policy on roadways (placing a higher priority on existing infrastructure over adding new lane-miles) and potential impacts on global warming.



## Wisconsin Environmental Public Health Tracking

The Wisconsin Environmental Public Health Tracking (WI EPHT) website provides data and information about environment and health in one location. The health topics focus on chronic diseases like asthma and cancer. In addition, the website offers summary reports of the environmental health in each county, called the County Environmental Health Profile.

### Data and Information

Explore various topics through maps, graphs, and tables.

### County Environmental Health Profile

View a summary report for each county

Last Revised: July 06, 2011

### EPHT Basics

Additional resources about tracking

ne  
a and  
rmation  
nty EH  
file  
T Basics  
ssary  
o  
t  
cure  
ess)  
\*\*\*\*\*  
EPHT  
Box 2659  
150  
tison, WI  
03  
dphepht@  
ov



# Wisconsin Environmental Public Health Tracking



- Home
- Data and Information
- County EH Profile
- EPHT Basics
- Glossary
- Help
- AVR (Secure Access)
- \*\*\*\*\*
- WI EPHT  
PO Box 2659  
Rm 150  
Madison, WI  
53703  
[dhsdphept@wi.gov](mailto:dhsdphept@wi.gov)

## Data and Information

- Environment
- Health

- [Air Pollutant](#)
  - Criteria Pollutant
  - Carcinogenic Emission
- [Drinking Water](#)
  - Arsenic
  - Haloacetic Acid
  - Nitrates
  - Trihalomethane

Last Revised: June 24, 2011



# Wisconsin Environmental Public Health Tracking

## Data and Information

Environment

Health

- [Asthma](#)
- [Birth Defects](#)
  - [Anencephaly](#)
  - [Cleft Lip and Cleft Palate](#)
  - [Down Syndrome \(Trisomy 21\)](#)
  - [Gastroschisis](#)
  - [Hypoplastic Left Heart Syndrome](#)
  - [Hypospadias](#)
  - [Spina Bifida](#)
  - [Tetralogy of Fallot](#)
  - [Transposition of the Great Arteries](#)
  - [Upper and Lower Limb Deficiencies](#)
- [Cancer](#)
  - [Bladder](#)
  - [Brain and Central Nervous System](#)
  - [Breast](#)
  - [Leukemia](#)
  - [Lung](#)
  - [Lymphoma](#)
  - [Thyroid](#)
- [Carbon Monoxide Poisoning](#)
- [Heart Attack](#)
- [Lead Poisoning](#)
- [Reproductive Outcomes](#)

Last Revised: June 24, 2011



Home

Data and Information

County EH Profile

EPHT Basics

Glossary

Help

AVR (Secure Access)

\*\*\*\*\*  
WI EPHT  
PO Box 2659  
Rm 150  
Madison, WI  
53703  
[dhsdphepht@wi.gov](mailto:dhsdphepht@wi.gov)




SEARCH

Tracking A-Z Index [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](#) #

Glossary A-Z

CDC A-Z

Tracking A-Z

## Community Design

[Home](#) > [Environments](#) > Community Design

### National Environmental Public Health Tracking

Community Design

Tracking Community Design

Related Links

Community Design Indicators

Search Community Design Data

### Tracking Links

[Environments](#)

[Health Effects](#)

[Info by Location](#)



### Quick Links

[Community Design and Health](#)

[Monitoring Elements of Community Design in the US](#)

[Community Design Elements](#)

Community design refers to all the elements of a community that are human-made and form the physical characteristics of that community. It includes:

- buildings, such as schools, workplaces, and homes,
- roads,
- parks and recreation areas,
- transportation systems, and
- places to buy food.

### Additional Links

- [Air Quality](#)
- [Childhood Lead Poisoning](#)
- [Motor Vehicle Crashes](#)
- [Types of Transportation to Work](#)

[Read More>>](#)

### Tracking Community Design



Learn how these data are collected and how they are being used on the Tracking Network.

### Search Data



Access data through maps, charts, and graphs.

### Related Links



Explore other resources for

### Indicators



Read about the indicators

### Quick Links

[Home](#)

[About Tracking Program](#)

[State & Local Tracking Portals](#)

[Indicators & Data](#)

[Secure Portal](#)

[Print page](#)

[Bookmark and share](#)

[CDC on Facebook](#)

[CDC on Twitter](#)

### Tracking Hot Topics

View our [Tracking Success Stories](#) to learn how Tracking is making a difference across the U.S.

Fun stuff! Environmental health & science for kids, parents, teachers

View our available training courses

### Resources

[Communication Features](#)

[Join our List-serv](#)

[Document Library](#)

[Quick Reports](#)

[Technical Notes](#)

Text size: [S](#) [M](#) [L](#) [XL](#)

[Get email updates](#)

To receive email updates about this page, enter your

# Sustainability



- Wisconsin Public Health Association
  - HIA section
  - HIA resolution
  - Training infrastructure
  - Policy actions



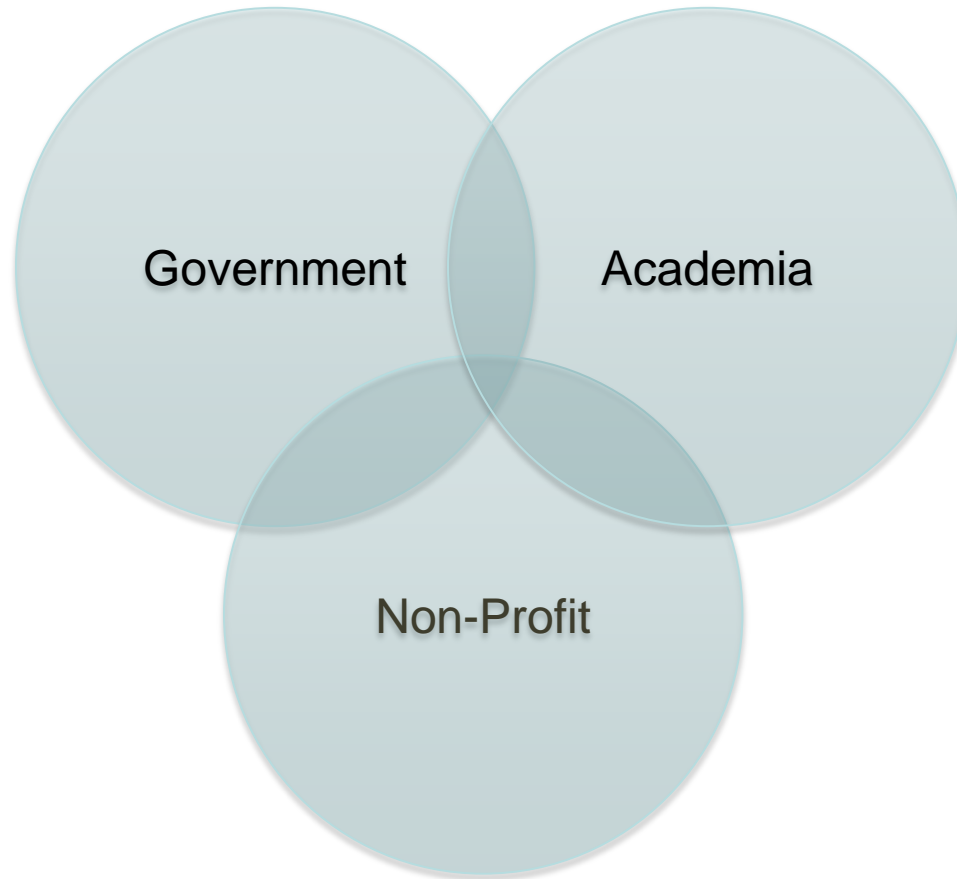
- Wisconsin Center for Health Equity (WCHE)
  - Reaching non-traditional partners
  - Health equity lens
  - Civic capacity building
  - Focus on social determinants of health





# Next Steps

- Goal: build a multi-sector HIA collaborative
- Based on the San Francisco Bay Area Health Impact Assessment Collaborative model



# Funding opportunities

- CDC
- ASTHO
- PEW
- Active Living Research
- MATCH
- Statewide foundations



# HIA Tools and Resources



Questions?

[Jennifer.Boyce@wi.gov](mailto:Jennifer.Boyce@wi.gov)



Wisconsin HIA Toolkit

<http://dhs.wisconsin.gov/hia>



Wisconsin EPHT website

<http://dhs.wisconsin.gov/epht>



National EPHT website

[ephtracking.cdc.gov](http://ephtracking.cdc.gov)