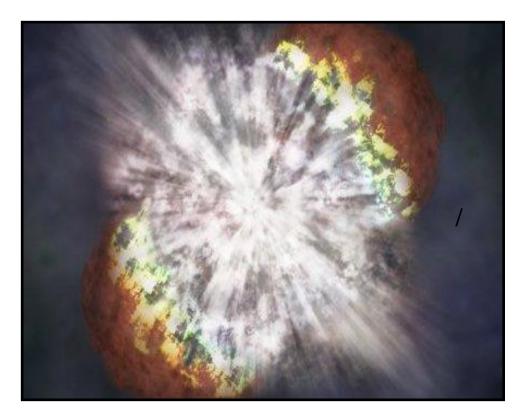
Health and Transportation

Where are we? – What is going on?



Ed Christopher Independent Transportation Planning Consultant 708-369-5237 edc@berwyned.com



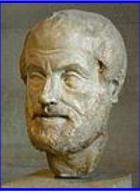
Slides are posted at edthefed.com

http://www.edthefed.com/presentations/WI%20MPO%20health.ppt

Why is Transportation getting interested?

We are the stewards of the transportation system

The transportation system can promote healthy lifestyles



Aristotelian

Transportation systems have the potential to significantly impact the health of their users, both positively and negatively. As the steward of the Nation's transportation system, USDOT plays a key role in mitigating the negative health impacts of transportation and maximizing the positive influences through programs that protect the environment, improve air quality, reduce the prevalence and severity of crashes, and provides options for mode choice. Moreover, FHWA and FTA, for example, oversee a transportation planning process that ensures safe, equitable, and efficient access to vital services for all users of the transportation system. *~HinT Working Group*

What do we mean--Health & Transportation?

TRANSPORTATION

PUBLIC HEALTH

Health is a state of complete • Air Pollution physical, menter **Population Health has been defined as the health** well-• Motor Veh Crashes outcomes of a group of individuals, including the distribution of such outcomes within the group. It is ity an approach to health that aims to improve the health of an entire human population. a me and promoting health through the organized Health efforts and informed choices of society, organizations, public • EJ and private, communities and • Access to Stuff individuals Social Capital

http://www.who.int/en/

Social Capital (Quality of Life)

The individual and communal time and energy that is available for such things as community improvement, social networking, civic engagement, personal recreation, and other activities that create social bonds between individuals



and groups. Circumstances that prevent or limit the availability of social capital for a community and its members can have a negative effect on the health and well-being of the members of that community. These negative effects on health and well-being can in turn have negative effects on the community as a whole.

http://www.cdc.gov/healthyplaces/terminology.htm#p

Health Origins at FHWA

Sept 2011 Health in Transportation: a Review of Current FHWA Practice (internal report done by Volpe)

Jan 2012 HinT Working group formed (12 FHWA Offices)

Dec 2012 HinT expanded to FTA, NHTSA and OST

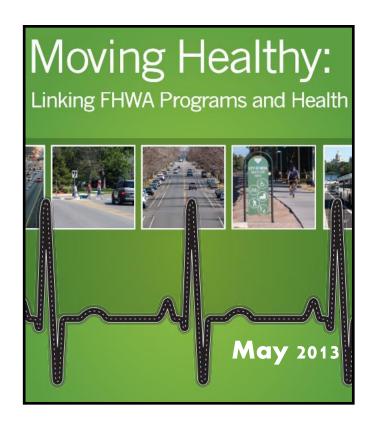
Working Definition for HinT

The provision of safe and reliable mobility and access influences, and is influenced by, health. The objectives of the Working Group are to (1) identify and recognize aspects of existing FHWA programs that relate to health and (2) build awareness of these programs and their impacts with FHWA leadership, staff, and stakeholders.

HinT Highlights

Early Accomplishments

This document provides information on FHWA programs, initiatives, tools, and resources that influence or are influenced by health. Although FHWA does not have a single, specific program that focuses solely on health, it is implicit in a broad range of existing programs



http://www.fhwa.dot.gov/planning/health_in_transportation/resources/moving_healthy.cfm

HinT Highlights Continued



Welcome to the Health in Transportation webpage. This webpage is

designed to be a comprehensive resource on the linkages between

Linking health and transportation brings together transportation

transportation decisions. Working together, we are committed to

in transportation. Our work is focused on the following objectives:

professionals and health practitioners in a collaborative process to improve

USDOT is committed to promoting better consideration of health outcomes

developing transportation options that promote and improve access to

Health in Transportation FHWA → Planning Working Group

Frequently Asked Questions

Planning Framework

Resources

Contacts

For more information, please contact:

- Frederick Bowers
 Tameka Macon
- Victoria Martinez
- Aung Gye
 Jill Stark
- Promote safety,
 - Improve air quality,

healthy and active lifestyles.

Health in Transportation

transportation and health.

- Respect the natural environment through Context Sensitive Solutions,
- Improve social equity by improving access to jobs, health care and other community services,
- Create additional opportunities for the positive effects of walking, biking, public transportation, and ride- and vehicle-sharing,
- Conduct research on transportation's role in improving quality of life.

Recent Items

 Enhancing Access to Pinellas County Parks to Improve Health Outcomes (6/30/16)

 Health in Transportation Working Group - 2015 Annual Report (6/30/16)

 <u>Oregon Memorandum</u> of Understanding (6/30/16)

More...

Featured Item

NEW! CDC and USDOT Release Transportation and Health Tool (THT)

The <u>Transportation and Health</u> <u>Tool (THT)</u> provides data on transportation and public health indicators for each State, Urbanized Area, and

A Website

- Working Group
- FAQs
- Resources
- Annotated Links

http://www.fhwa.dot.gov/planning/health_in_transportation

Current HinT Activities

- Coordination/Information Sharing, (Internal MailList)
- Annotated Bibliography
- Health/Transportation FAQs
- Planning for Healthy Communities Reports (Metro and State)
- Framework for Incorporating Health in the Transportation Corridor Planning Process
- Publishing Case Studies

White Papers ~ Metro Area Report

Describes some Frameworks/typologies for MPO involvement

Presents 4 in depth case studies (Nashville, PSRC, SACOG, SANDAG)

Discusses the context (key players, Data and Tools, Regulatory/Programmatic Setting, and Funding Sources

METROPOLITAN AREA

HEALTHY COMMUNITIES

December 2012

TRANSPORTATION PLANNING FOR

http://www.planning.dot.gov/documents/Volpe_FHWA_MPOHealth_12122012.pdf

For me the Metro area report is a...

Intro to Transportation Planning and its Process with a focus on Health

	Who Develops?	Who Approves?	Time Horizon	Content	Update Requirements	
UPWP	мро	мро	1 or 2 Years	Planning Studies and Tasks	Annually	
MTP	мро	мро	20 Years	Future Goals, Strategies, and Projects	Every 5 Years 4 years for nonattainment and maintenance areas	
TIP	мро	MPO/ Governor	4 Years	Transportation Investments	Every 4 Years	
LRSTP	State DOT	State DOT	20 Years	Future Goals, Strategies, and Projects	Not Specified	
STIP	State DOT	US DOT	4 Years	Transportation Investments	Every 4 Years	
Key documents in metropolitan and statewide transportation						

"Metropolitan area planning products and requirements can be vessels to formalize or communicate health considerations"

efing Book

But it does bring Health in with specifics...

Table 2 Incorporation of Health into the Transportation Planning Process by Case Study MPOs

MPO Name	Regional Vision and Goals	Development of Transportation Plan	Development of S/TIP	Monitor System Performance			
Nashville Area MPO							
PSRC							
SACOG							
SANDAG							
Darker colors signify greater progression in activity							

Nashville Travel Survey Health Questions

Since the Report was done

- Daily time spent sitting on a typical weekday
- Daily time spent sitting on a specific weekday (last Wednesday)
- Overall level of physical activity
- Overall level of health
- Overall diet health
- Height and weight

http://www.nashvillempo.org/docs/research/Nashville Final Report 062513.pdf

White Papers ~ State DOT Report

California DOT (Caltrans)

Iowa DOT (IADOT)

Massachusetts DOT (MassDOT)

Minnesota DOT (MnDOT)

North Carolina DOT (NCDOT)

STATEWIDE TRANSPORTATION PLANNING FOR HEALTHY COMMUNITIES



April 2014

/c/be

Prepared fo U.S. Department of Transportatio Office of Planning, Environment, and Real Federal Highway Administratio

Prepared by: U.S. Department of Transportation olde National Transportation Systems Center

https://www.fhwa.dot.gov/planning/health_in_transportation/resources/s tatewide_healthy_communities/hep14032.pdf

State DOT Report

Activity	Caltrans	Iowa DOT	MassDOT	MnDOT	NCDOT	Highlight
Executive Health Initiative	х	x				The governor's public-private Healthiest State Initiative seeks to make Iowa the healthiest State in the country by 2016.
Legislative Requirements			x			The Massachusetts legislature established the inter-agency Healthy Transportation Compact (HTC) and directed MassDOT to work with private, State, and Federal partners as part of the "establishment of a healthy transportation policy."
Complementary State Goals (e.g., Sustainability, Serving Seniors, etc.)	x	x	x	x	x	Interest in and responsibility for health at Caltrans spans many priorities and initiatives such as active transportation, reduced air pollution, reduced greenhouse gas emissions, Complete Streets implementation, highway safety improvement planning, and SRTS.
DOT - State Health Agency Partnership	Х	x	x	x	x	MnDOT regularly works with the MDH in coordinating activities, whether it is promoting walking and bicycling, providing input for MnDOT's visioning effort, or identifying ways to expand technical assistance to MDH grantees that are responsible for transportation activities.
Formal, Broad Multi- Agency Health Partnership	x		x		x	Caltrans actively participates in the Health in All Policies Task Force, a group established in February 2010 under <u>State Executive</u> <u>Order S-04-10</u> , to coordinate State agency activities that promote health and sustainability goals in California.
Research and Partnerships with Academic Institutions	Х			x	x	MnDOT partnered with the University of Minnesota on a study and survey to explore the relationship between quality of life and transportation in Minnesota. These results spurred agency discussions about how to address health in transportation activities.
SRTS - Health Coordination	x	x	x	x	x	An Iowa DOT grant in Northeast Iowa funded an SRTS liaison to coordinate between the rural planning organization, local municipalities, and a key local health partner on promoting rural youth health through physical activity.
Assistance to Local Partners Incorporating Health into Transportation Planning	х	x	×	x	x	NCDOT supports rural and metropolitan planning organizations seeking to include health as a planning goal through activities such as the 2012 workshop that outlined a strategy for considering health in rural/metropolitan planning documents.

Framework for....

Incorporating Public Health in the Transportation Corridor Planning Process (\$400K)

Public Health & Transportation Corridor Planning Framework



2013 to Mid 2016 ICF is contractor Incorporated into Plan Works (formerly TCAP)

<u>http://www.fhwa.dot.gov/planning/health_in_transportation</u> /planning_framework/the_framework/index.cfm

More on the Framework

Beta Tested (2014-2015)

- Akron Metro Regional Transit Authority (METRO)
- Central Oklahoma Transportation and Parking Authority (EMBARK)
- Delaware Valley Regional Planning Commission (DVRPC)
- East Central Wisconsin Regional Planning Commission (ECWRPC)
- Tennessee Department of Transportation (TDOT)

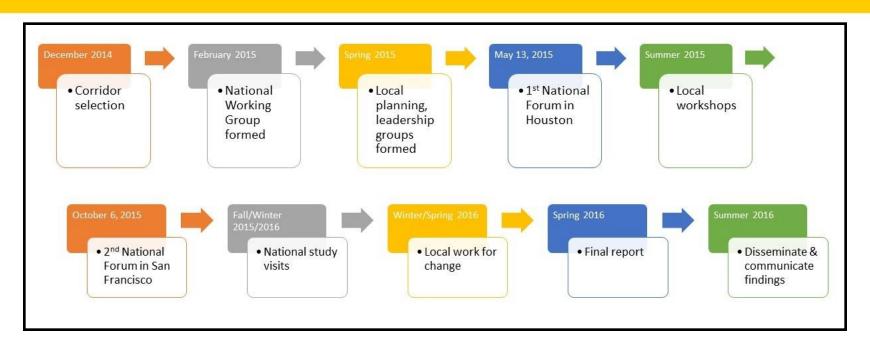
Framework for....



Appleton, WI

<u>http://www.fhwa.dot.gov/planning/health_in_transportation/</u> planning_framework/framework_test_cases/index.cfm

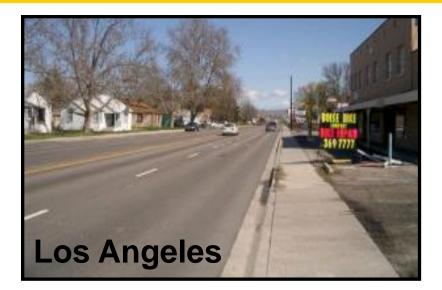
ULI Healthy Corridors Project



- Develop and refine approaches for creating healthy corridors
- Identify approaches that work
- Leverage new understanding around effective approaches
- Disseminate lessons learned throughout the ULI networks

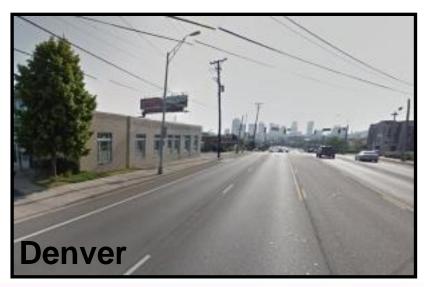
<u>http://uli.org/research/centers-initiatives/building-</u> <u>healthy-places-initiative/healthy-corridors</u>

ULI Healthy Corridor Locations









Meetings with CDC

HE

Two Projects of note

Linking of transportation variables to NHIS National Personal Household Travel Survey



Staffs working together

Bike group How funding programs work

NHTS: Health Condition, Walking/Biking for exercise, Walking/Biking prohibitions, difficulty traveling outside, mobility aids, physically active

USDOT

TRANSPORTATION & HEALTH TOOL

CDC and USDOT Jointly Funded Project

A set of transportation and public health INDICATORS to help show how an area compares on several transportation and health metrics

A **RESOURCE** to help understand the links between transportation and health

A set of **STRATEGIES** to improve public health through transportation programs and policies

http://www.transportation.gov/transportation-and-health-tool

What are the 14 Indicators?

Transportation

- Commute Mode Share
- Person Miles Traveled
 by Mode
- Public Transportation
 Trips per Capita
- Vehicle Miles Traveled
 per Capita
- Housing & Transportation Affordability
- Land Use Mix
- Proximity to Major Roadways

Health

- Alcohol-Impaired Fatalities
- Road Traffic Fatalities by Mode
- Road Traffic Fatalities
 Exposure Rate by
 Mode
- Physical Activity from Transportation

Policy

- Seat Belt Use
- Complete Streets
 Policies
- Use of Federal Funds for Bicycle and Pedestrian Efforts

http://www.transportation.gov/transportation-and-health-tool

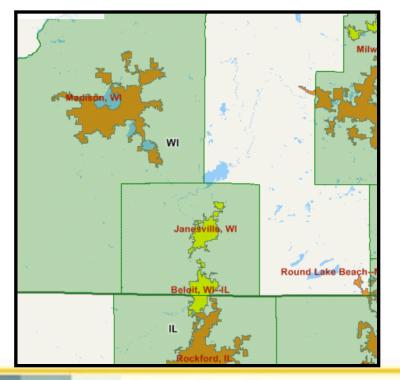
What is the Geography?

Metropolitan Statistical Areas

(MSA) - Groups of counties showing strong commuting ties with at least one US Census urbanized area.

Urbanized Areas (UZA) -

Densely settled areas of 50K or people comprised of census tracts.

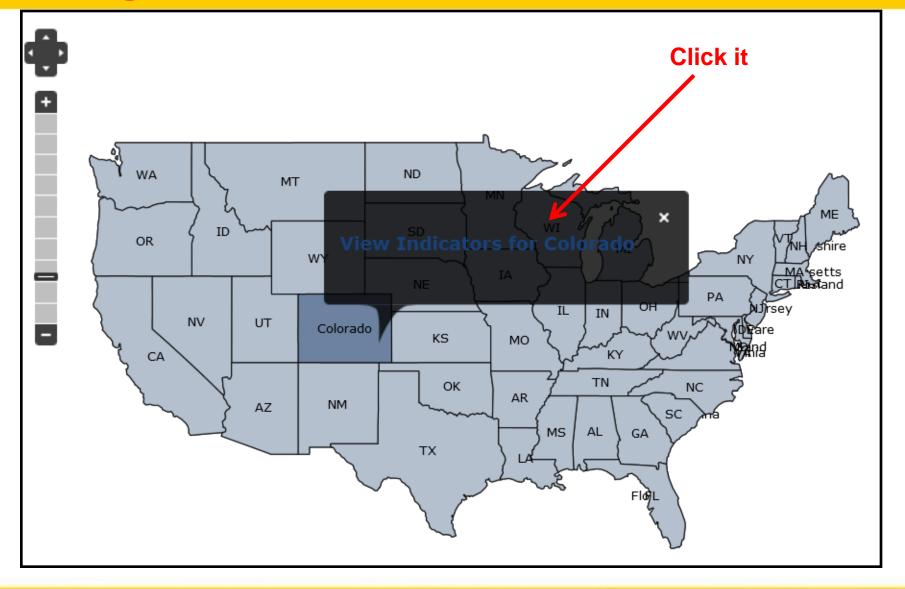


Indicator	Geography			
Indicator	State	MSA	UZA	
Commute Mode Share (Auto, Transit, Bike, Walk)	X	X		
Complete Streets	X	X		
DUI/DWI Fatalities	X	X		
Housing/Transportation Affordability		X		
Land Use Mix		X		
PMT (Auto, Walking)	Х			
Physical Activity from Transportation	x			
Proximity to Major Roadways	Х	Х		
Road Traffic Fatalities (Auto, Bike, Ped)	X	X		
Seat Belt Use	X			
Traffic Fatalities Exposure Rate (Auto, Bike, Ped)	X	X		
Transit Trips per Capita	X		X	
Use of Federal Funds for Bike/Ped	X			
VMT per Capita	X		X	

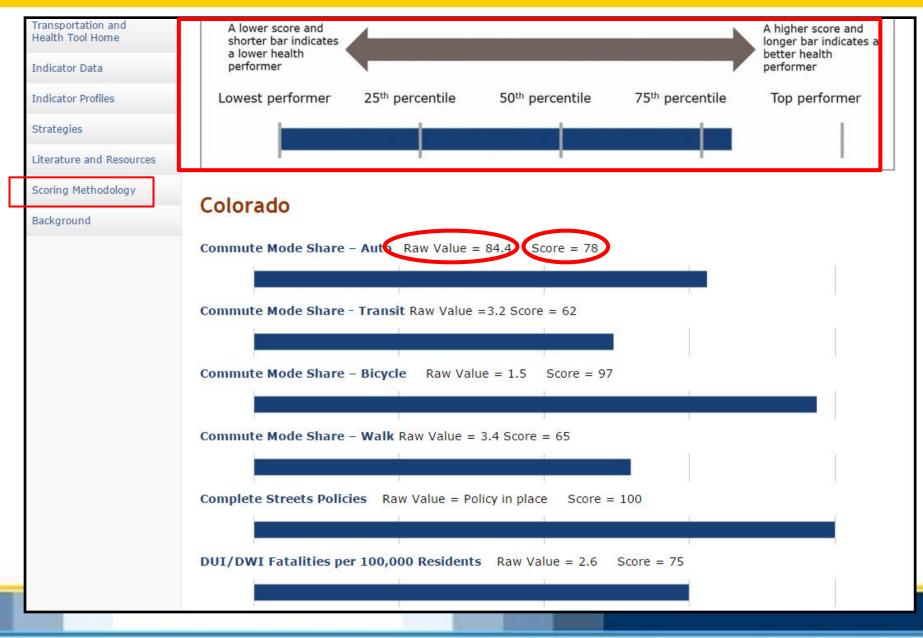
Choose the geography and area



You get a confirmation box



Presto!!! The Indicators (metrics) appear



The Indicator Profiles tab

Indicator Data

Strategies

Background

Indicator Profiles

Literature and Resources

Scoring Methodology

Information Provided

- Indicator Description
- Transportation and Health Connection
- About the Data
- Moving Forward
- Related Strategies
- References

Transportation.gov

Transportation and Health Tool Home

Indicator Profiles

Home

Transportation and Health Tool reports 14 indicators at the state level, the metropolitan area level, and/or the urbanized area level. Center for Disease Control (CDC) and US Department of Transportation worked together, with input from an expert panel, to carefully select the indicators for use in this tool. Read more about the process used to select the indicators.

About DOT

Select an indicator below for a description of the indicator, how the indicator is connected to transportation and public health, and the data and analysis used to develop the indicator.

- Alcohol-Impaired Fatalities (state and metro area level)
- Commute Mode Shares (state and metro area level)
- · Complete Streets Policies (state and metro area level)
- Housing and Transportation Affordability (metro area level only
- Land Use Mix (metro area level only)
- Person Miles Traveled by Mode (state level only)
- Physical Activity from Transportation (state level only)
- Proximity to Major Roadways (state and metro area level)
- Public Transportation Trips per Capita (state and urbanized area level)
- Road Traffic Fatalities by Mode (state and metro area level)
- Road Traffic Fatalities Exposure Rate (state and metro area level)
- Seat Belt Use (state level only)
- Use of Federal Funds for Bicycle and Pedestrian Efforts (state level only)
- Vehicle Miles Traveled (VMT) per Capita (state and urbanized area level)

The Strategies tab

Information Provided

- Description
- Tie to indicators
- Health Benefits
- Resources-more Info
- Evidence Base
- Field Examples

- Built environment strategies to deter crime
- Child Passenger Safety laws, child safety seat distribution programs, education and enhanced enforcement
- Clean freight
- Complete Streets
- Distracted driving
- Encourage and promote safe Bicycling and walking
- Expand bicycle and pedestrian infrastructure
- Expand public transportation
- Graduated driver licensing systems
- Health impact assessment (HIA)
- Health performance metrics
- High-occupancy vehicle lanes
- Impaired driving laws
- Improve roadway safety
- Improve vehicles and fuels
- Integrate health and transportation planning
- In-vehicle monitoring and feedback
- Multimodal access to public transportation
- Promote connectivity
- Ride sharing programs
- Rural public transportation systems
- Safe Routes to School programs
- Seat belt laws
- Strengthen helmet laws
- Traffic calming to slow vehicle speeds

http://www.transportation.gov/transportation-and-health-tool

Drilling down on a strategy

Information Provided

- Description
- Tie to indicators
- Health Benefits
- Resources-more Info
- Evidence Base
- Field Examples

Transportation and Health Tool Home Indicator Data Indicator Profiles Strategies Literature and Resources

Scoring Methodology

Background

Promoting Connectivity

A well-connected transportation network reduces the distances traveled to reach destinations, increases the options for routes of travel, and can facilitate walking and bicycling. Well-connected, multimodal networks are characterized by seamless bicycle and pedestrian infrastructure, direct routing, accessibility, few dead-ends, and few physical barriers. Increased levels of connectivity are associated with higher levels of physical activity from transportation. Connectivity via transportation networks can also improve health by increasing access to health care, goods and services, etc. Strategies to improve pedestrian and bicycle connectivity include

- · Short block lengths
- Implementation of a Complete Streets policy
- Bicycle/pedestrian outlets for cul-de-sacs and dead ends
- Prioritization of multimodal access to public transportation
- Safe and visible bicycle and pedestrian facilities (Oregon DOT 2010)

Related Transportation and Heath Tool Indicators

- Commute Mode Share
- Complete Streets Policies
- Land Use Mix
- Miles Traveled by Mode
- Physical Activity from Transportation
- Road Traffic Fatalities by Mode
- Road Traffic Fatalities Exposure Rate
- Public transportation Trips per Capita
- Use of Federal Funds for Bicycle and Pedestrian Efforts
- VMT per Capita

How can this strategy result in health benefits?

- Address chronic disease (e.g., asthma, diabetes, heart disease)
- Improve access to health-supportive resources
- Improve equity
- Increase physical activity

Lets give it a try

Home

Transportation and Health Tool Home

Indicator Data

Indicator Profiles

Strategies

Literature and Resources 🔻

Scoring Methodology

Background

Transportation and Health Tool



Photo credit: www.pedbikeimages.org 🖉 / Laura Sandt

What is the Transportation and Health Tool?

The Transportation and Health Tool (THT) was developed by the U.S. Department of Transportation and the Centers for Disease Control and Prevention to provide easy access to data that practitioners can use to examine the health impacts of transportation systems.

Contact Us

Transportation and Health Tool Office of Policy

1200 New Jersey Avenue, SE Washington, DC 20590 United States

tht@dot.gov⊠

Business Hours: 9:00am-5:00pm ET, M-F

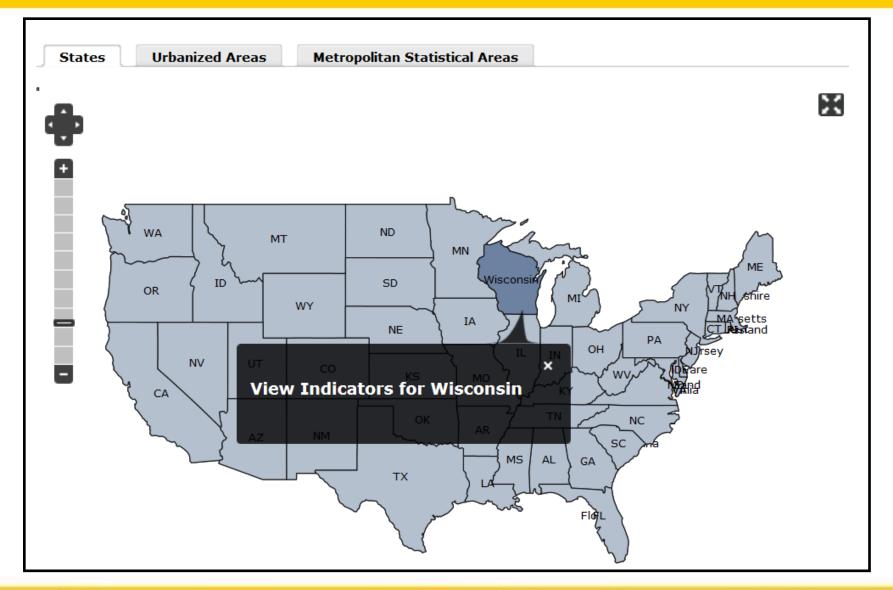
Share



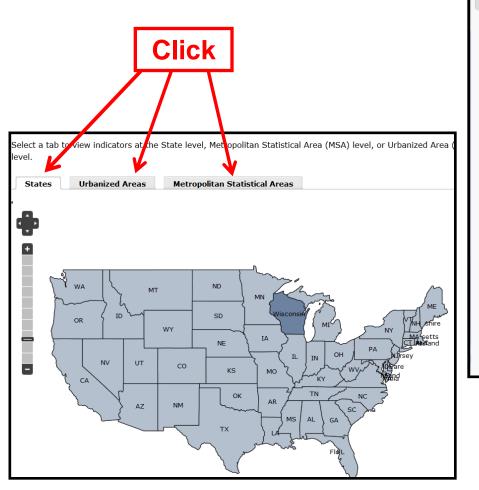
Submit Feed

http://www.transportation.gov/transportation-and-health-tool

Selecting an area



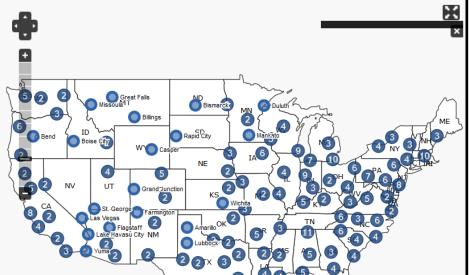
What if you want an MSA or UZA?



States Metropolitan Statistical Areas Urbanized Areas

Metropolitan Statistical Areas (MSAs)

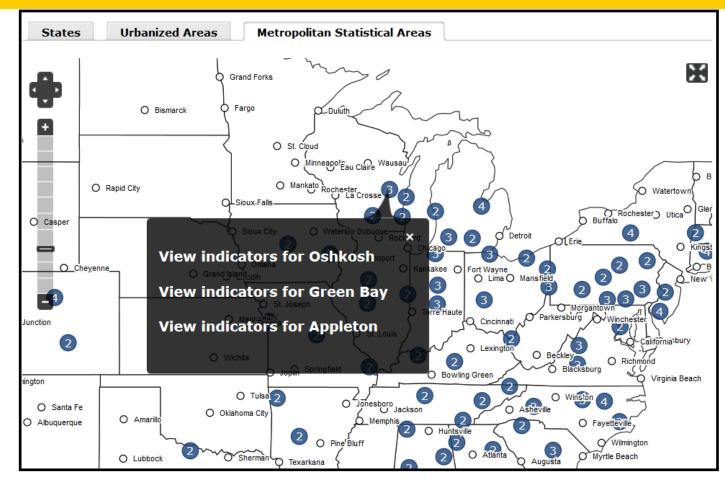
Select a tab to view indicators at the State level, Metropolitan Statistical Area (MSA) level, or Urbanized Area (UZA) level



For the MSA and Urbanized Areas you need to use the map zoom to view the individual areas

Or you get these dots

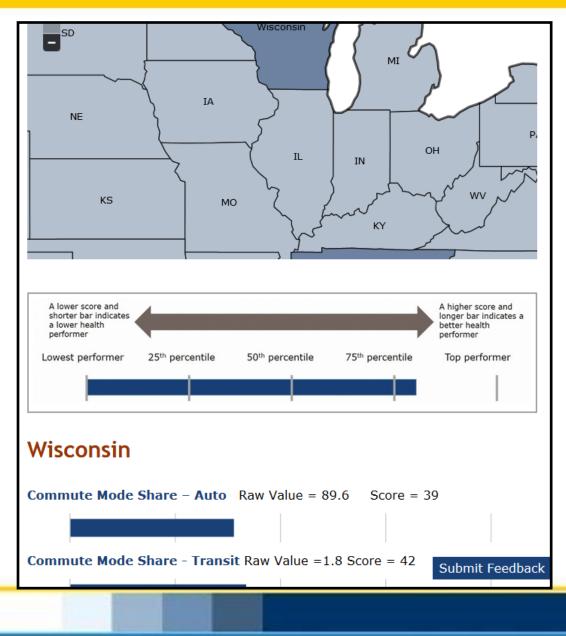
Selecting MSAs

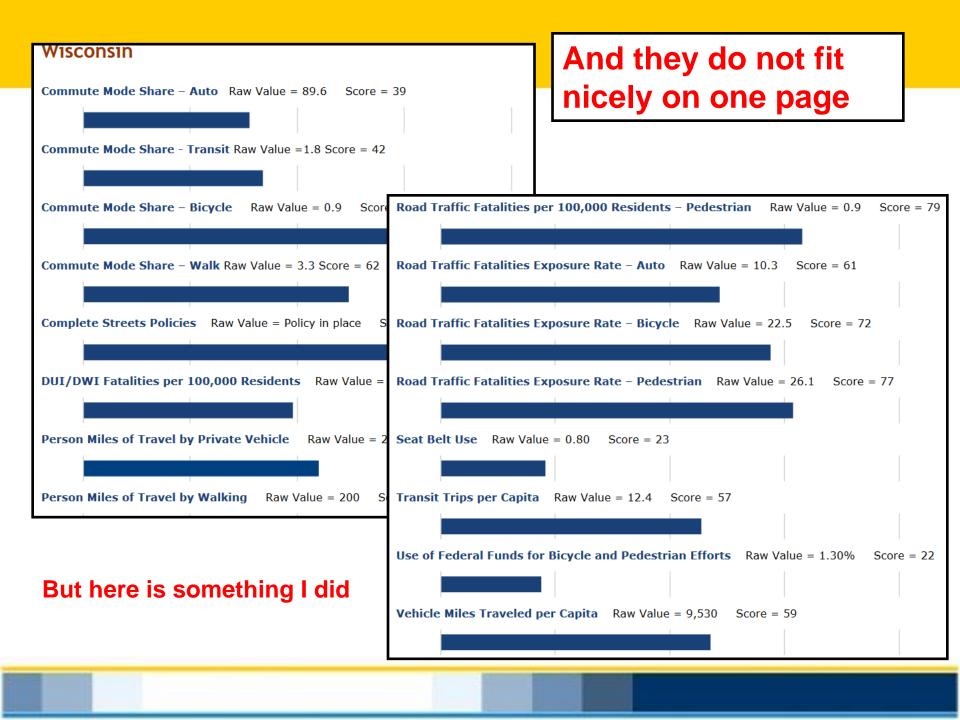


If you click on one of the cluster number instead of zooming in you will get a list of the MSAs (UZAs) that you can click. I clicked on the "3" in Wisconsin

Lets go back to the State Indicators

When get your indicators you get map at the top of page followed by a list of the indicators that you have to scroll through.





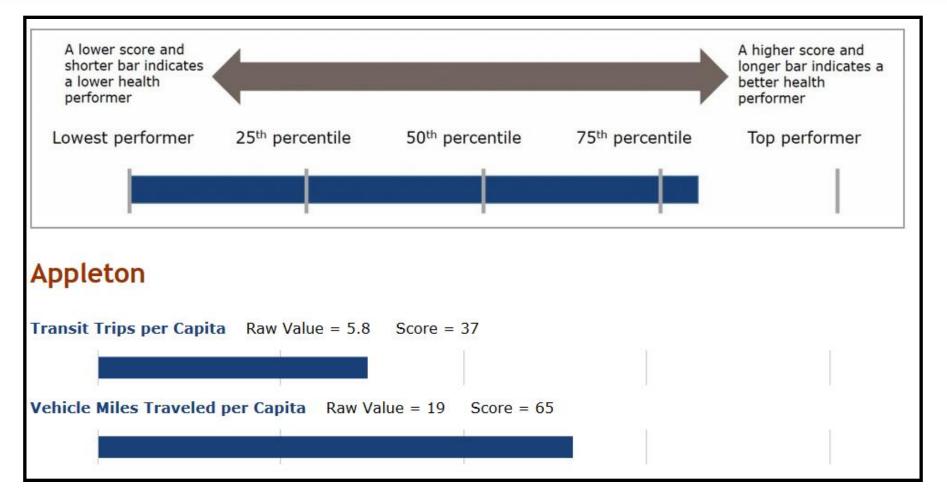
THT ~ State of Wisconsin Indicators

Commute Mode Share – Auto Raw Value = 89.61% **Score = 39 Commute Mode Share – Transit** Raw Value = 1.8% **Score = 42 Commute Mode Share – Bicycle** Raw Value = 0.9% Score = 77 **Commute Mode Share – Walk** Raw Value = 3.3% Score = 62 **Complete Streets Policies** Raw Value = policy in place Score = 100 **DUI/DWI Fatalities per 100,000 Residents** Raw Value = 3.5 **Score = 49 Person Miles of Travel by Private Vehicle** Raw Value = 28,853 Score = 55 **Person Miles of Travel by Walking** Raw Value = 1200 **Score = 49 Physical Activity from Transportation** Raw Value = 8.87 Score = 51 **Proximity to Major Roadways** Raw Value = 0.03% Score = 57 **Road Traffic Fatalities/100.000 Residents – Auto** Raw Value = 9.3 Score = 59 **Road Traffic Fatalities/100,000 Residents – Bicycle** Raw Value = 0.2 Score = 53 **Road Traffic Fatalities/100,000 Residents – Pedestrian** Raw Value = 0.9 Score = 79 Seat Belt Use Raw Value = 0.80 Score = 23 **Road Traffic Fatalities Exposure Rate – Auto** Raw Value = 10.3 Score = 61 **Road Traffic Fatalities Exposure Rate – Bicycle** Raw Value = 22.5 Score = 72 **Road Traffic Fatalities Exposure Rate – Pedestrian** Raw Value = 26.1 Score = 77 **Transit Trips per Capita** Raw Value = 12.4 Score = 57 Use of Federal Funds for Bike and Ped Efforts Raw Value = 1.30% Score = 22 **Vehicle Miles Traveled per Capita** Raw Value = 9,530 Score = 59

THT ~ Appleton MSA

```
Commute Mode Share – Auto Raw Value = 91.8% Score = 38
Commute Mode Share – Transit Raw Value = 0.7% Score = 30
Commute Mode Share – Bicycle Raw Value = 0.5% Score = 52
Commute Mode Share – Walk Raw Value = 2.6% Score = 51
Complete Streets Raw Value = No policy Score = 0
DUI/DWI Fatalities per 100,000 Residents Raw Value = 1.8 Score = 79
Housing and Transportation Affordability Raw Value = 45.2% Score = 81
Land Use Mix Raw Value = 0.45 Score = 19
Proximity to Major Roadways Raw Value = 0.03% Score = 100
Road Traffic Fatalities/100.000 Residents – Auto Raw Value = 6.8 Score = 79
Road Traffic Fatalities/100,000 Residents – Bicycle Raw Value = 0.2 Score = 57
Road Traffic Fatalities/100,000 Residents – Pedestrian Raw Value = 0.3 Score = 97
Road Traffic Fatalities Exposure Rate – Auto Raw Value = 7.4 Score = 82
Road Traffic Fatalities Exposure Rate – Bicycle Raw Value = 35.2 Score = 45
Road Traffic Fatalities Exposure Rate – Pedestrian Raw Value = 10.4 Score = 95
```

THT ~ Appleton Urbanized Area



What if you want to know what a variable means like "Transit Trips per Capita" Click on it.

THT ~ Appleton Urbanized Area

Transportation.gov

LS Department of Transportation

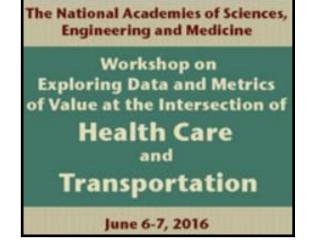
0.3. Depui				
0	- About DOT			
Transportation and Health Tool Home	Read More Public Transportation Trips per Capita			
Indicator Data	Public transportation trips per capita			
Indicator Profiles	This indicator measures the average annual number of public transportation trips per capita among residents of an urbanized area.			
Strategies	Data come from the 2013 American Public Transportation Association's Public Transportation Fact Book, which is based on data from the 2011 National Transit Database.			
Literature and Resources				
Scoring Methodology	Read More			
Background	Updated: Monday, October 26, 2015			

Rides to Wellness

Access to Health Care

https://www.transit.dot.gov/ccam/about/initiatives

What is the return on investment from all perspectives for "getting people to health care"?



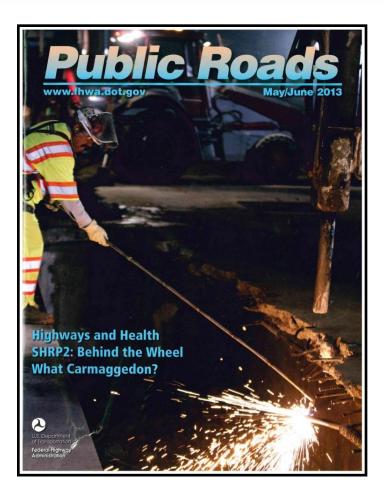
http://www.nationalacademies.org/hmd/Activities/PublicHealth/Tra nsitandHealthcare/2016-JUN-6.aspx

How Does Transportation Affect PH?

Article with MPO and state DOT examples of where public health is an active component of the organization

MPOs tend to be programmatic focused

State DOTs tend to be process and goal oriented.



https://www.fhwa.dot.gov/publications/publicroads/13mayjun/05.cfm

What about Health Impact Assessments?

HIA is a process to analyze and evaluate the potential effects that a proposed policy or project may have on human health and to help determine the best approach to mitigate those effects

Major Steps

- 1.Screen
- 2.Scope
- 3.Assess
- 4. Recommend
- **5.Report Results**

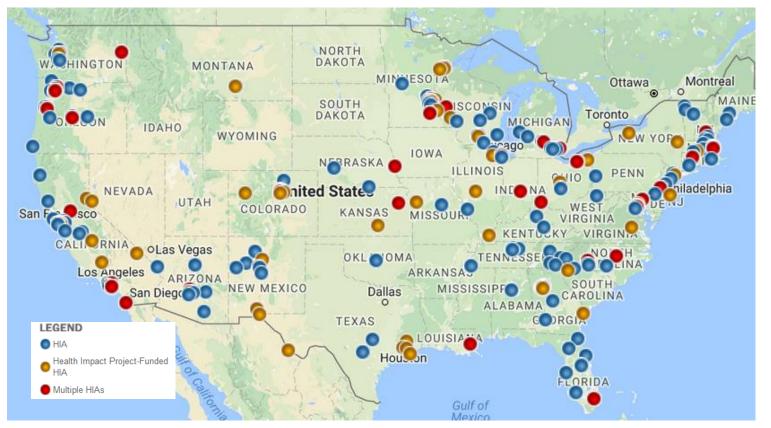
6.Monitor/Evaluate

http://www.cdc.gov/healthyplaces/hia.htm

http://www.pewtrusts.org/en/projects/health-impact-project/research-andanalysis/toolkits-guides-and-data-sources

Who has done HIAs?

59 Completed Transportation-Related HIAs in the U.S., 2006–2016 (15 in Progress)



Source: Health Impact Project HIA database

http://www.pewtrusts.org/en/projects/health-impact-project

Title	Organizations	Sector	Area	Organization	Date	Summary
Alcohol Outlet Density in the Greenbush-Vilas Neighborhood	University of Wisconsin Population Health Institute	Built Environment	Madison	Educational Institution	2013	An HIA of an Alcohol Limiting Density Ordinance (ALDO) in a neighborhood bordering the University of Wisconsin in Madison.
Alcohol Outlet Density-Marathon County, WI	Marathon County Health Department	Built Environment	Marathon County	Government Agency	2011	HIA assessed the impact of alcohol outlet density policy on the health of Marathon County, specifically underage drinking and drinking and drinking behaviors.
Capital Area RPC Future Urban Development Area	Capital Area RPC and the WI Public Health Association	Built Environment	Dane County	Government Agency	2012	An HIA to assess the potential health impacts of two Future Urban Development Area plans in Dane County, Wisconsin.
Fitchburg's Nine Springs HIA	Public Health Madison and Dane County	Built Environment	Fitchburg	Government Agency	2014	HIA of proposed updates to the master plan for a 33-acre city park property, currently used as the Nine Springs Golf Course
Ice Age Trail Expansion- Marquette County	Marquette County Health Department, WI Dept of Health Services	Built Environment	Marquette County	Government Agency	2011	HIA assessed the health impacts of the expansion of the Wisconsin Ice Age Trail.
Industrial Sand Mining in Western Wisconsin	Institute for Wisconsin's Health, Inc.	Natural Resources and Energy		Nonprofit	2016	The Institute for Wisconsin's Health Inc. conducted an HIA to inform county, municipal, township, and tribal decisions related to mining silica sand for industrial use.
Milwaukee Paid Sick Days	Human Impact Partners	Labor and Employment	Milwaukee	Nonprofit	2008	Human Impact Partners did a rapid HIA of a proposed sick leave ordinance in Milwaukee that would allow workers to earn one hour of paid sick leave for every 30 hours of paid work, up to 72 hours of leave in companies with more than 10 employees and 40 hours in firms with fewer than 10 employees.
Neenah-Menasha Sewerage Commission	The Outagamie County Public Health Division	Agriculture, Food and Drug	Greenville	Government Agency	2011	HIA discussed the health impacts of a biosolids storage facility proposed in the Town of Greenville and identified ways to decrease any adverse health impacts.
Open Air Burning in La Crosse County	La Crosse County Health Department	Natural Resources and Energy	La Crosse County	Government Agency	2011	An HIA to assess the potential health impacts of open air burning policy restrictions in La Crosse County, Wisconsin.
Rock County CAFO	Wisconsin Department of Health Services	Agriculture, Food and Drug	Rock County	Government Agency	2011	A rapid HIA to assess the potential health impacts of a proposed dairy in Rock County, Wisconsin
Transitional Jobs Program HIA	University of Wisconsin, Population Health Institute	Labor and Employment		Educational Institution	2013	HIA to inform decision on Transitional Jobs Program as part of the 2013-15 state budget. Focused on health effects of changes in income related to employment, such as diet, alcohol and tobacco use, and family cohesion, as well as long-term outcomes including chronic disease, mental health, and child well-being.
Treatment Alternatives to Prison	WISDOM, Human Impact Partners	Criminal Justice		Nonprofit	2012	An HIA that projected the potential health impact of increased funding for treatment and other programs as alternatives in incarceration in Wisconsin.

Free Report from APA (July 2016)

The State of Health Impact Assessment in Planning

https://planning-org-uploaded-media.s3.amazonaws.com/document/State-of-

Health-Impact-Assessment-in-Planning.pdf

Transportation Research Record (2014)

Use of Health Impact Assessment for Transportation Planning: Importance of Transportation Agency Involvement in the Process Use of Health Impact Assessment for Transportation Planning Importance of Transportation Agency Involvement

Andrew L. Dannenberg, Anna Ricklin, Catherine L. Ross, Michael Schwartz, Julie West, Steve White, and Megan L. Wier

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TRB Activities



Formed 5 Years ago Co-Chairs Ed Christopher *Vacant*

Co-Sponsoring Committees

- Urban Data and Information Systems (ABJ 30)
- Travel Behavior and Values (ADB10)
- Transportation and Sustainability (ADD 40)
- Environmental Justice in Transportation (ADD50)

Typical committee activities

Website

ListServe (over 380 subscribers)

http://www.chrispy.net/mailman/listinfo/H+T--Friends

Follow @TRBhealth on Twitter

Facebook https://www.facebook.com/groups/trbhealthandtransportation/

Newsletter, Research Statements, Paper Calls

Review Papers, sponsor Sessions and Workshops

http://www.trbhealth.org

Notable progress

Navigating the Intersection of Transportation and Public Health

A Cross-Cutting Session

TRB Annual Meeting Monday, January 14, 2013 Washington Hilton Hotel Washington D.C.

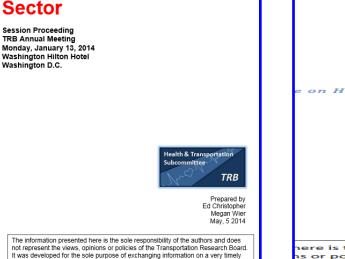
> Session Proceedings and Survey of TRB Committees' Interest in Public Health



Prepared by Ed Christopher Carey McAndrews Eloisa Raynault

The information presented here is the sole responsibility of the authors and does not represent the views, opinions or policies of the Transportation Research Board. It was developed for the sole purpose of exchanging information on a very timely and emerging topic.

Raising Public Health Issues to a Higher Level in the Transportation Sector



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http://www.trbhealth.org/highlights

and emerging topic



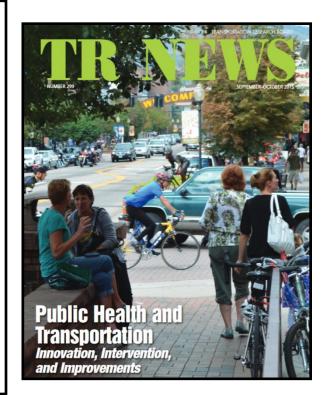
TRNews Themed Issue

Public Health and Transportation Innovation, Intervention and Improvements

Sampling of articles

- Setting the Stage: Why Health and Transportation
- Health Impact Assessment. What is it? When, where and why do them?
- How to connect with the Health Community
- Health in Transportation: An MPO and State DOT Focus
- Incorporating Health in an MPO Planning Process
- **Perspectives from TRB Committeese**

...and more



http://onlinepubs.trb.org/onlinepubs/trnews/trnews299.pdf

January 2016 Task Force met for first time

Task Force on Arterials and Public Health (ADD55T)

...to inform the Planning, Design, and Operation of arterials while considering the implications to Population and Public Health

Develop catalogue of Research Problem Statements

Send me your questions

http://www.trbarterialhealth.org

What can you do?

Set a goal to: Institutionalize Health in Transportation Agency Practice

Put Health Officials on your Policy Boards and/or integrated into committee processes

Include Health metrics in your project selection and screening processes

Promote Healthy Activities

Meet with your Public Health agencies (start the discussion)

Develop goals that Protect and Promote Public Health Incorporate Public Health somewhere into your planning process

What can you do? Something specific

Oregon's MOU

 Oregon DOT and Oregon Public Health Department

Sets up shared objectives

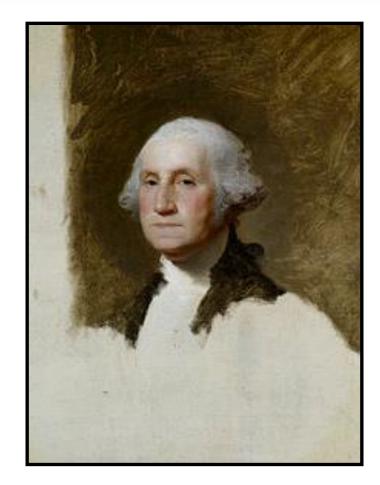
- Maintain ongoing communication and planning
- Encourage safe and active transportation
- Collaborate on research and data analysis
- Leverage opportunities
- Non Regulatory approach
- Can be done at the Regional Level as well

http://www.fhwa.dot.gov/planning/health_in_transportation/resources/odot/index.cfm

Surgeon General's Call to Action

Surgeon General Announces His Call to Action to Promote Walking and Walkable Communities

The U.S. Surgeon General's Call to Action campaign, called "Step It Up!," recognizes the importance of physical activity for people of all ages and abilities. "Step It Up" includes five strategic goals: 1)make walking a national priority; 2)design communities that make it safe and easy to walk for people of all ages and abilities; 3) promote programs and policies to support walking where people lie, learn, work, and play; 4) provide information to encourage walking and improve walkability; and 5) fill surveillance, research, and evaluation gaps related to walking and walkability.



http://www.surgeongeneral.gov/library/calls/walking-andwalkable-communities

Social Determinants of Health

Economic Stability

Poverty -- Employment Food Security -- Housing Stability Education

High School Graduation Enrollment in Higher Education Language and Literacy Early Childhood Ed. and Development Social and Community Context

Social Cohesion -- Civic Participation Perceptions of Discrimination and Equity Incarceration/Institutionalization Health and Health Care

Access to Health Care/ Primary Care Health Literacy Neighborhood and Built Environment

Access to Healthy Foods Quality of Housing Crime and Violence Environmental Conditions



http://www.healthypeople.gov/2020/topicsobjectives/topic/social-determinants-health



Slides are posted at edthefed.com

http://www.edthefed.com/presentations/WI%20MPO%20health.ppt

Are you doing anything with Population/Public Health? Let me know Lets Talk Ed Christopher Independent Transportation Planning Consultant 708-369-5237 edc@berwyned.com

http://www.americashealthrankings.org/

http://www.countyhealthrankings.org/

http://www.transportation.gov/transportation-and-health-tool

Step it Up!



https://www.youtube.com/watch?v=mq3DxArKAEo