The following has been shared with permission from Ed Christopher, Independent Planning Consultant

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Transportation and Health Tool: A New Tool to Drive Policy Decisions

Exploring the THT

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

What is the Transportation Health Tool?

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

How can you use the Tool?

- View indicators
- Learn more about the indicators
- Identify strategies to improve transportation and health outcomes
- Explore information, resources, and research about the relationship between transportation and health
- Understand how the tool assigns scores
- Review how and why the tool was developed

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

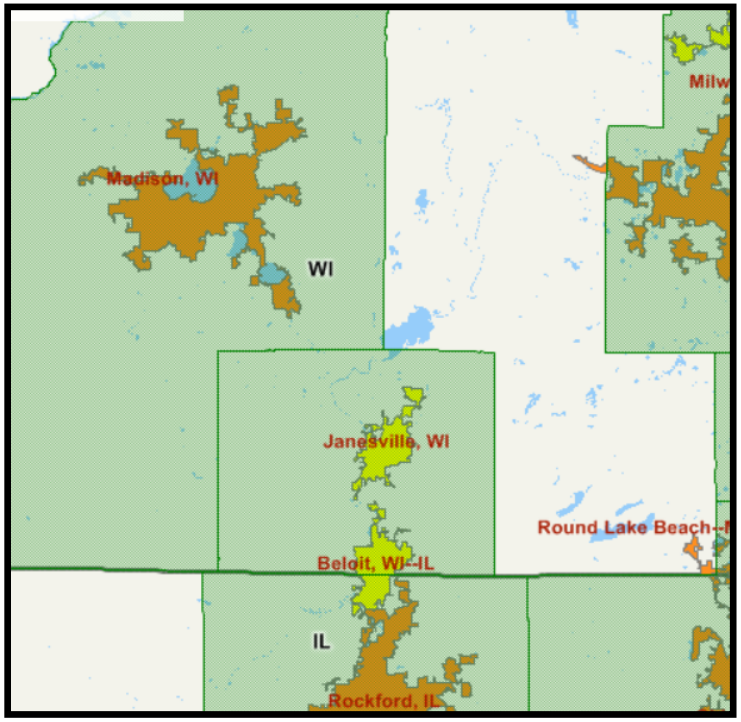
- Seat Belt Use
- Complete Streets Policies
- Use of Federal Funds for Bicycle and Pedestrian Efforts

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		
	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)	X		
Physical Activity from Transportation	X		
Proximity to Major Roadways	X	X	
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

The Front Page

Transportation.gov
U.S. Department of Transportation

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- Transportation and Health Tool Home
- Indicator Data
- Indicator Profiles
- Strategies
- Literature and Resources
- Scoring Methodology
- Background

Home

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

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

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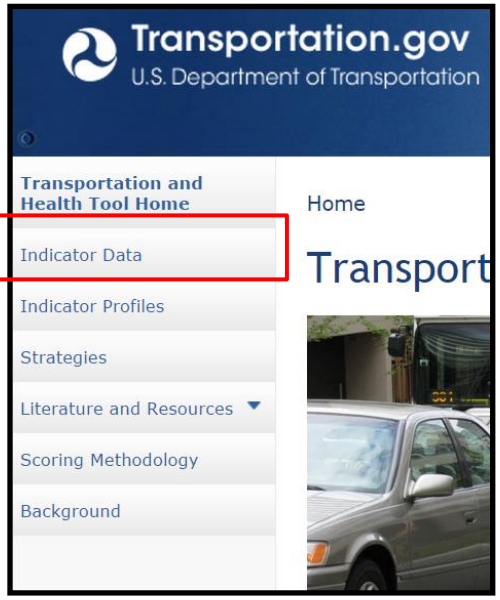
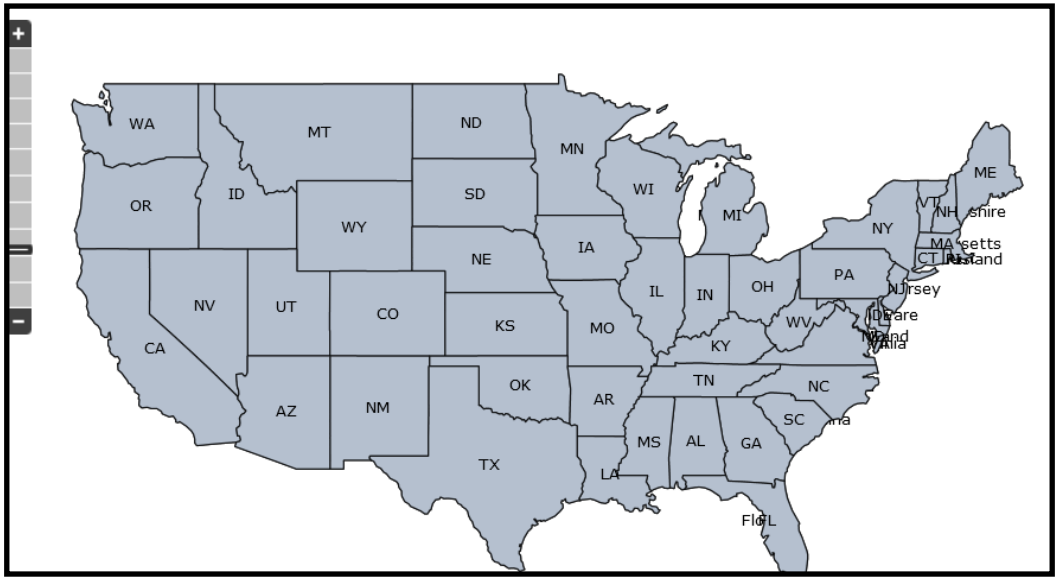
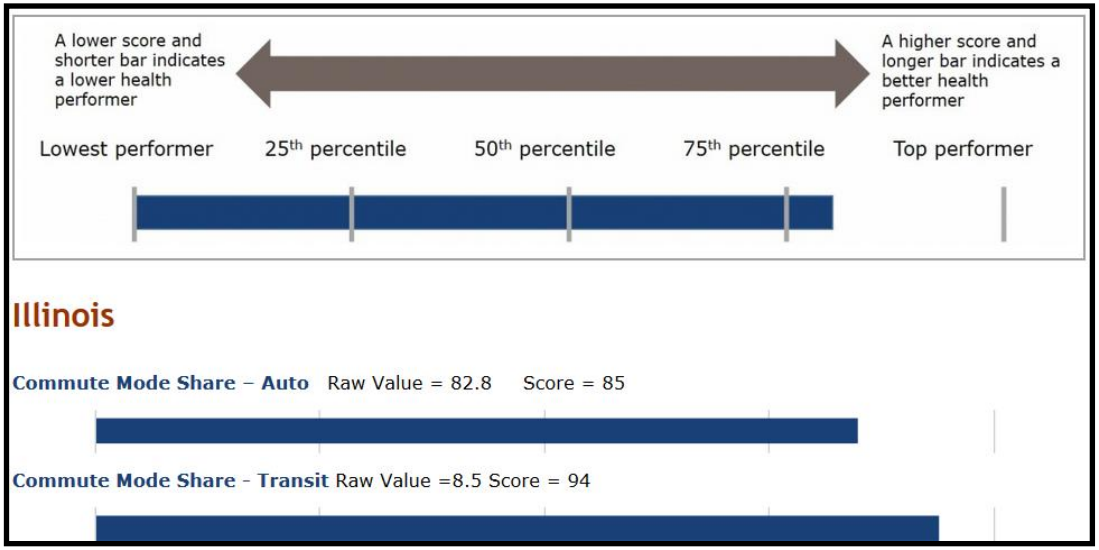
http://www.transportation.gov/transportation-and-health-tool

The Indicator Data tab

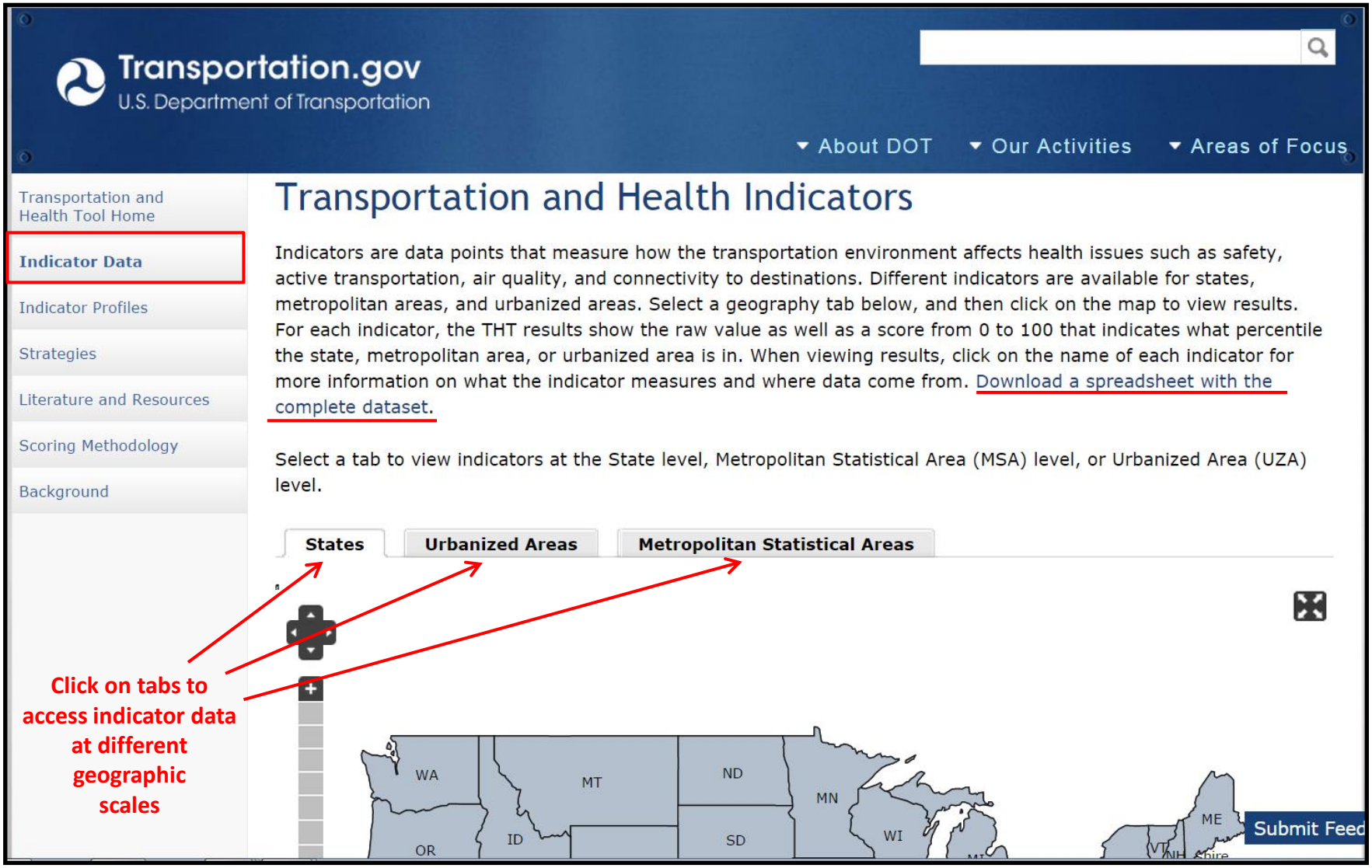




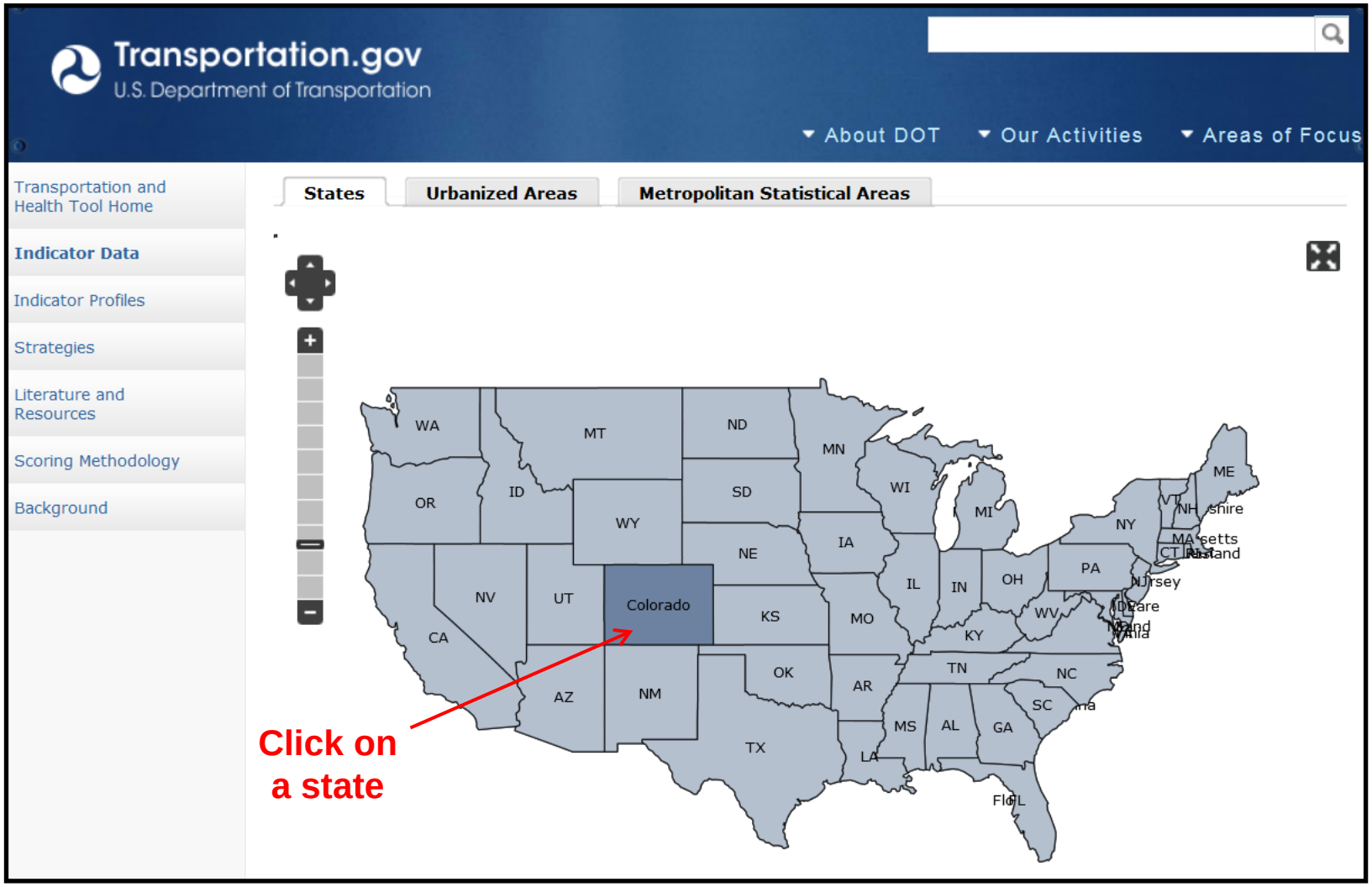
This is where you drill down on geography and view the indicators (metrics)



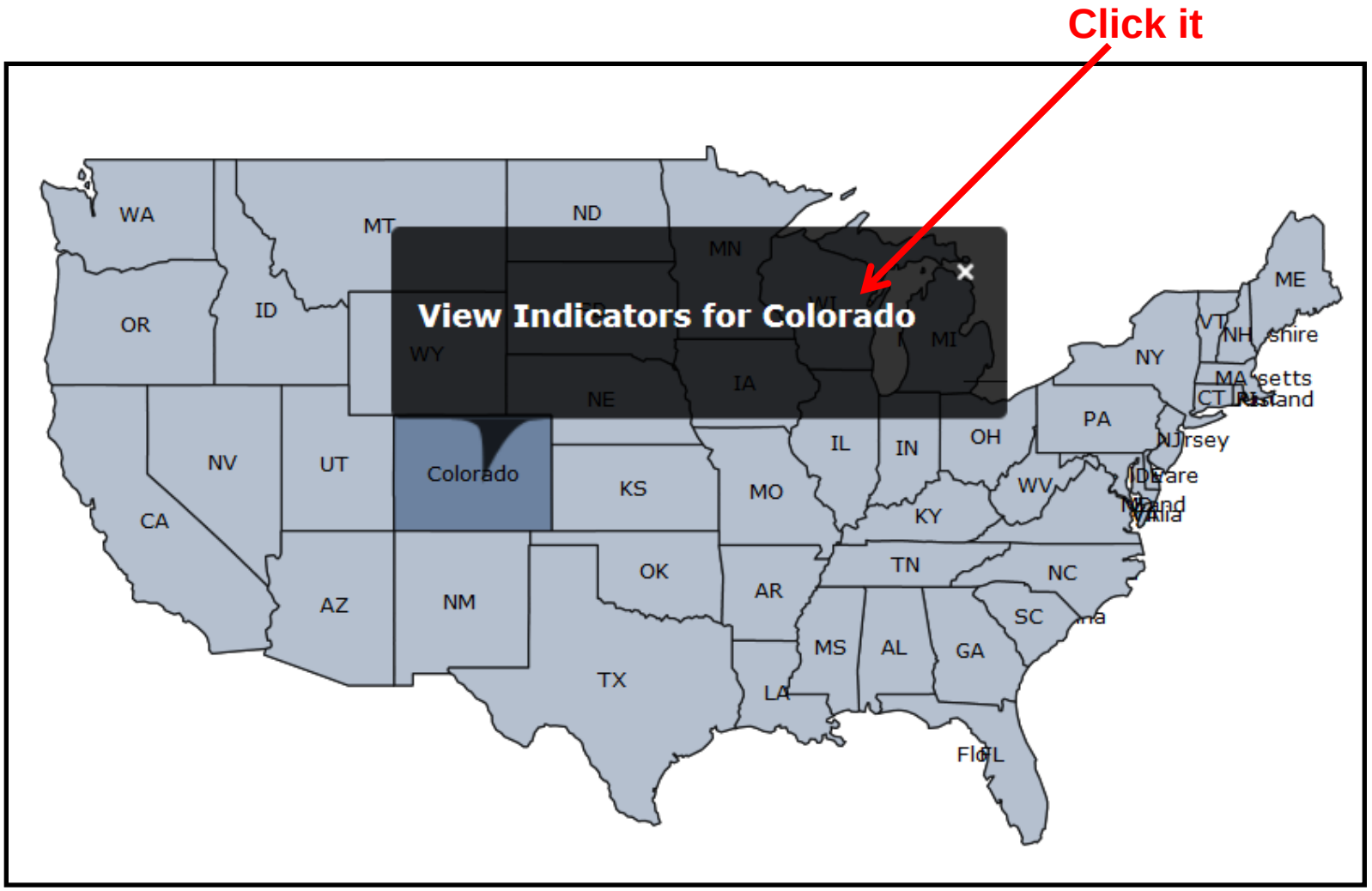
Drilling down to the Indicators (metrics)



Choose the geography and area



You get a confirmation box



Presto!!! The Indicators (metrics) appear

Transportation and Health Tool Home

Indicator Data

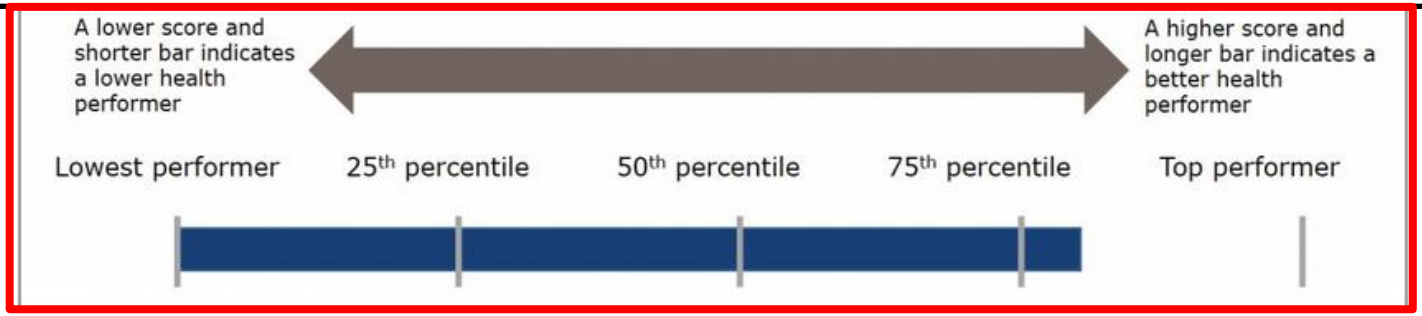
Indicator Profiles

Strategies

Literature and Resources

Scoring Methodology

Background



Colorado

Commute Mode Share – Auto Raw Value = 84.4 Score = 78

Commute Mode Share - Transit Raw Value =3.2 Score = 62

Commute Mode Share – Bicycle Raw Value = 1.5 Score = 97

Commute Mode Share – Walk Raw Value = 3.4 Score = 65

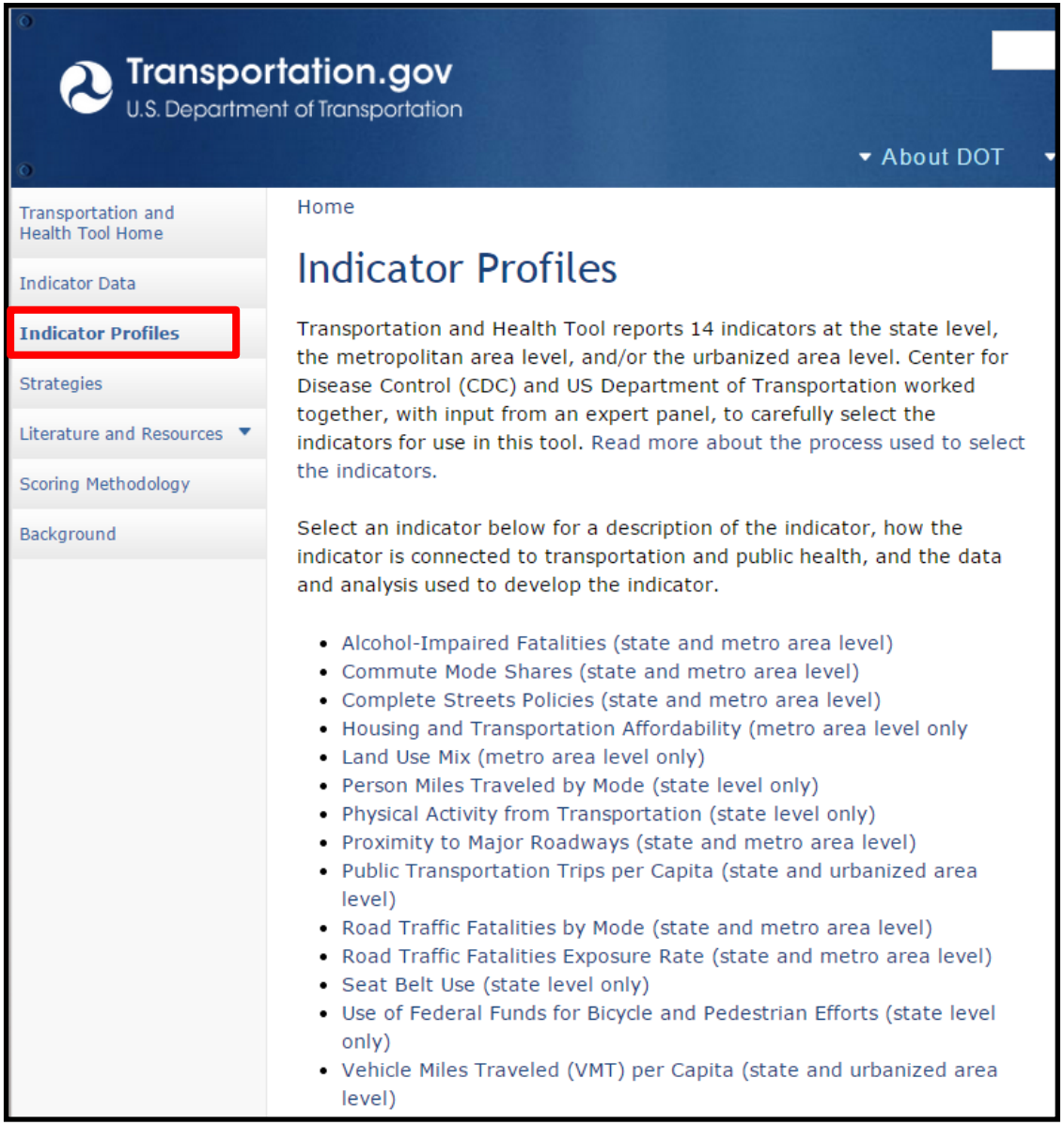
Complete Streets Policies Raw Value = Policy in place Score = 100

DUI/DWI Fatalities per 100,000 Residents Raw Value = 2.6 Score = 75

The Indicator Profiles tab

Information Provided

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



Drill down on Indicator Profiles tab

Information Provided

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

Complete Streets Policies

Indicator Description

The Complete Streets Policies indicator provides information on whether or not a state or the metropolitan planning organization that serves the region or a given metro area has adopted a complete streets policy that requires or encourages a safe, comfortable, integrated transportation network for all users, regardless of age, ability, income, ethnicity, or mode of transportation. Data come from the National Complete Streets Coalition's list of complete streets policies. A score of either 0 (no policy) or 100 (policy in place) is provided for this indicator.

Transportation and Health Connection

Roadways traditionally have been designed primarily for motor vehicles. A personal vehicle-centric design approach

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

The Strategies tab

Information Provided

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

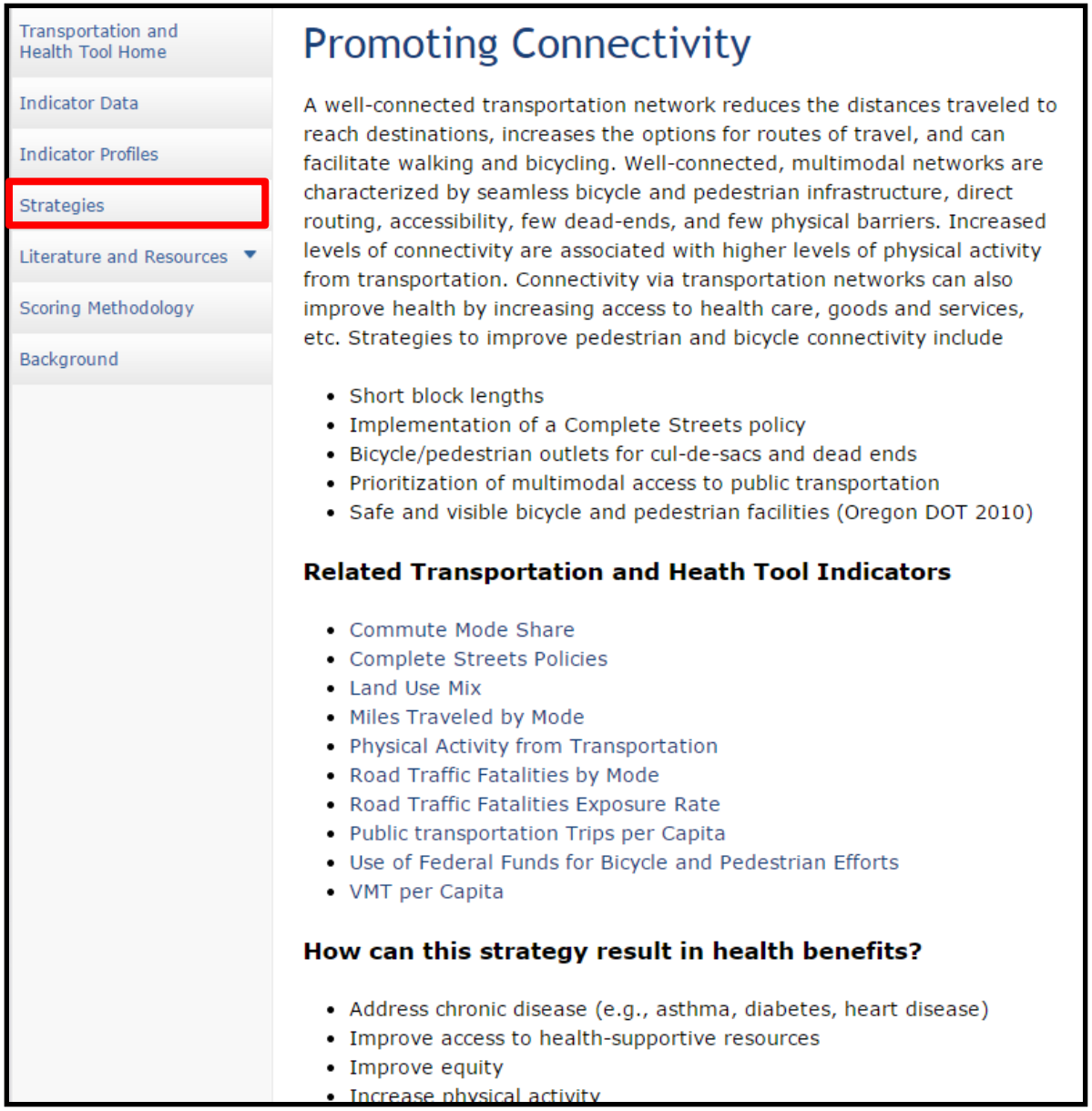
- Built environment strategies to deter crime
- Child Passenger Safety laws, child safety seat distribution programs, education and enhanced enforcement
- Clean freight
- Complete Streets
- Distracted driving
- Encourage and promote safe Bicycling and walking
- Expand bicycle and pedestrian infrastructure
- 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

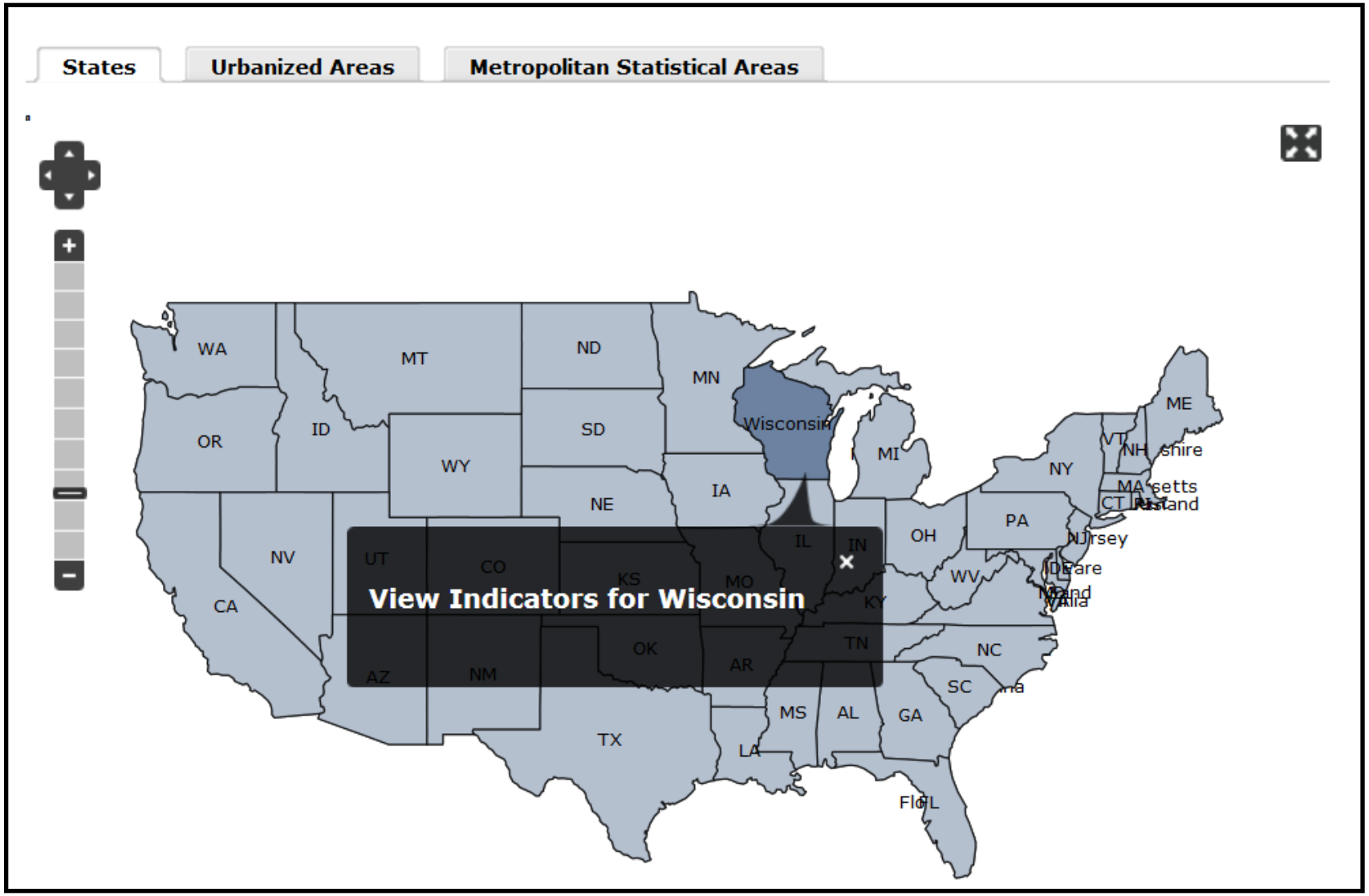
- Description
- Tie to indicators
- Health Benefits
- Resources-more Info
- Evidence Base
- Field Examples



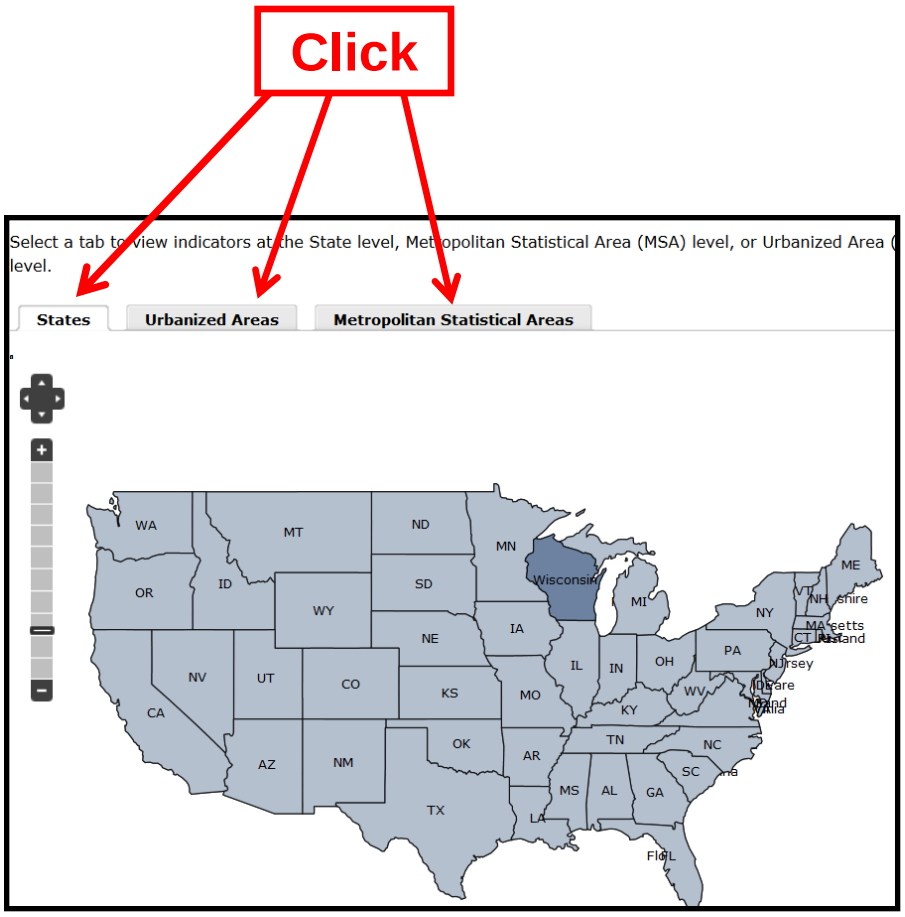
Lets see how it works

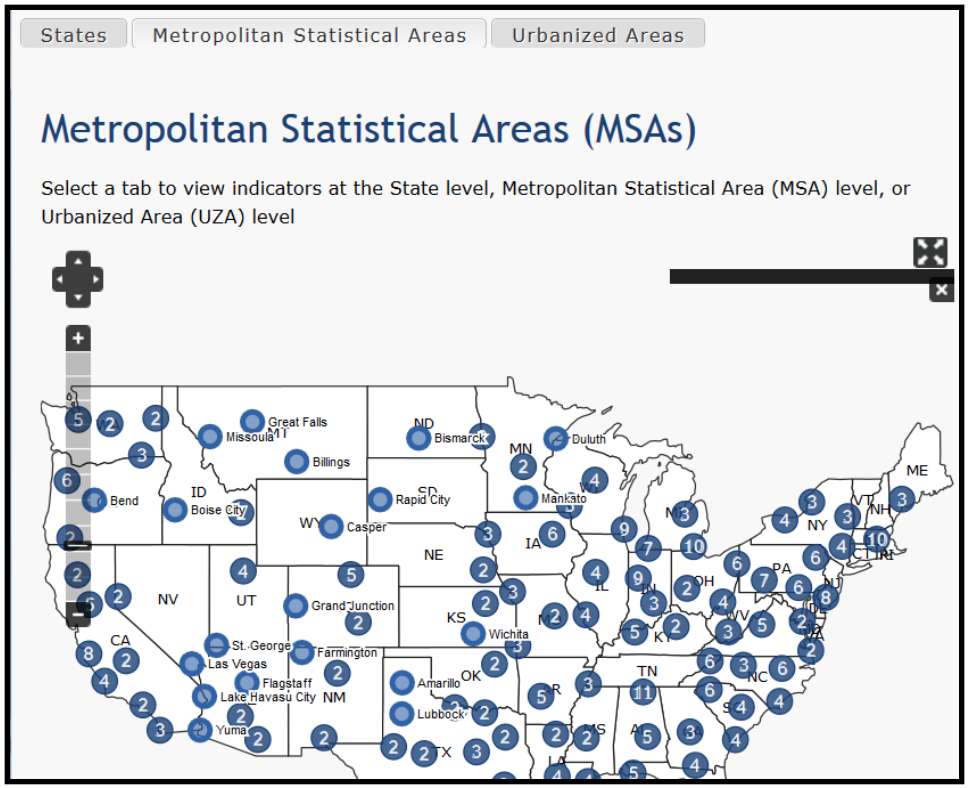
http://www.transportation.gov/transportation-and-health-tool

Selecting an area



What if you want an MSA or UZA?

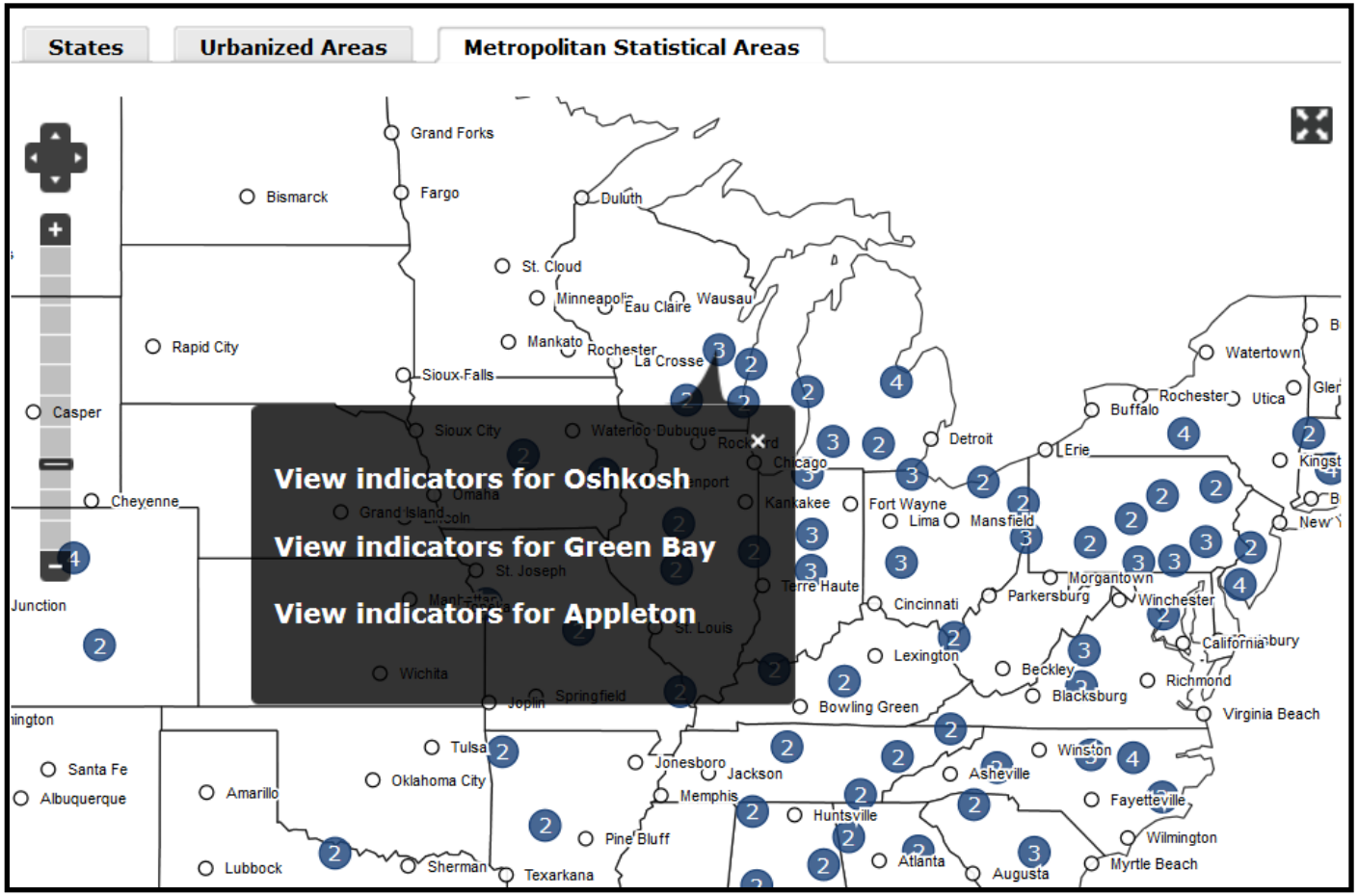




For the MSA and Urbanized Areas you need to use the map zoom to view the individual areas

Or you get these dots

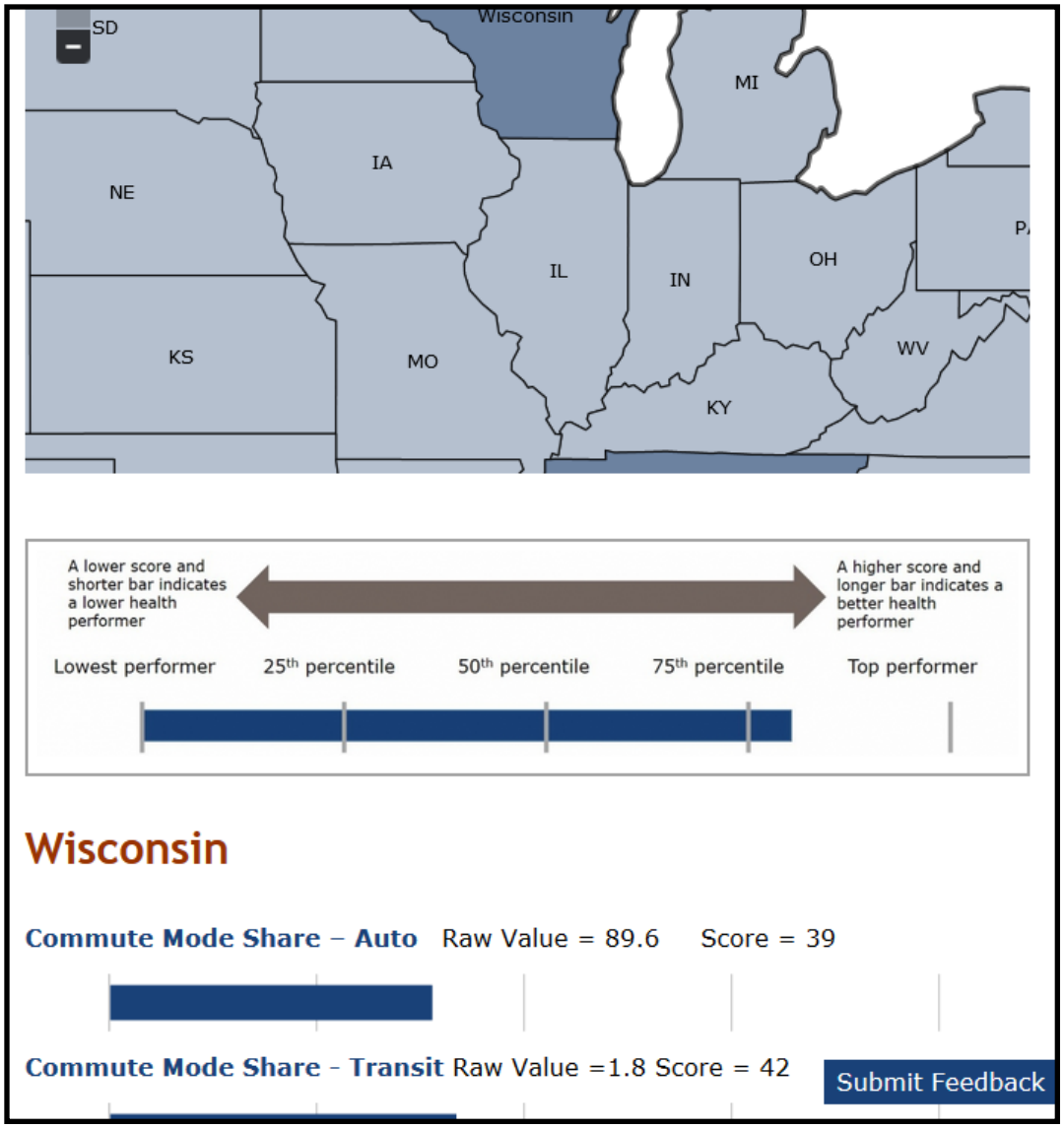
Selecting MSAs



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.



And they do not fit nicely on one page

But here is something I did

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

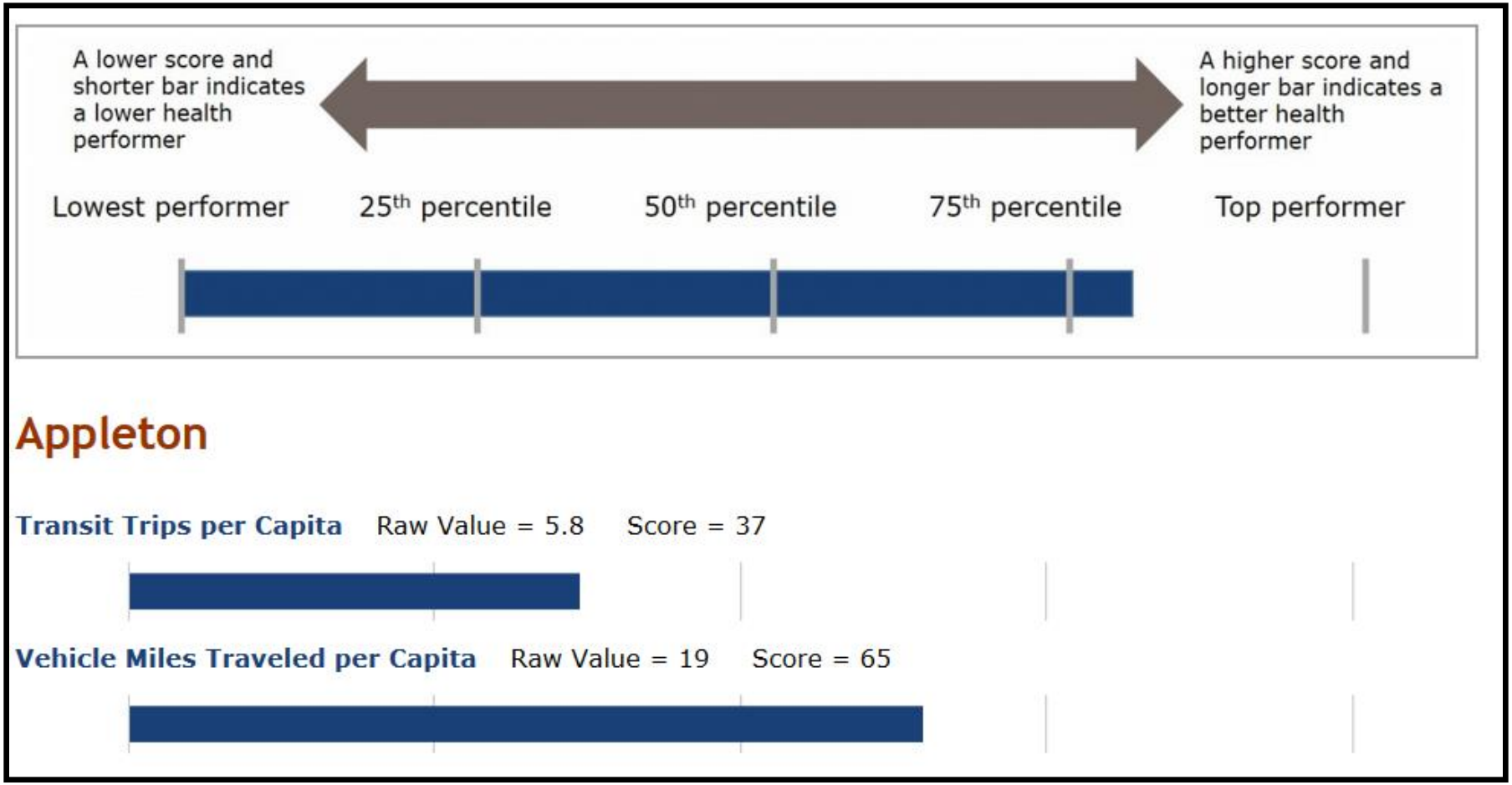
Land Use Mix Raw Value = 0.45 **Score = 19**

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

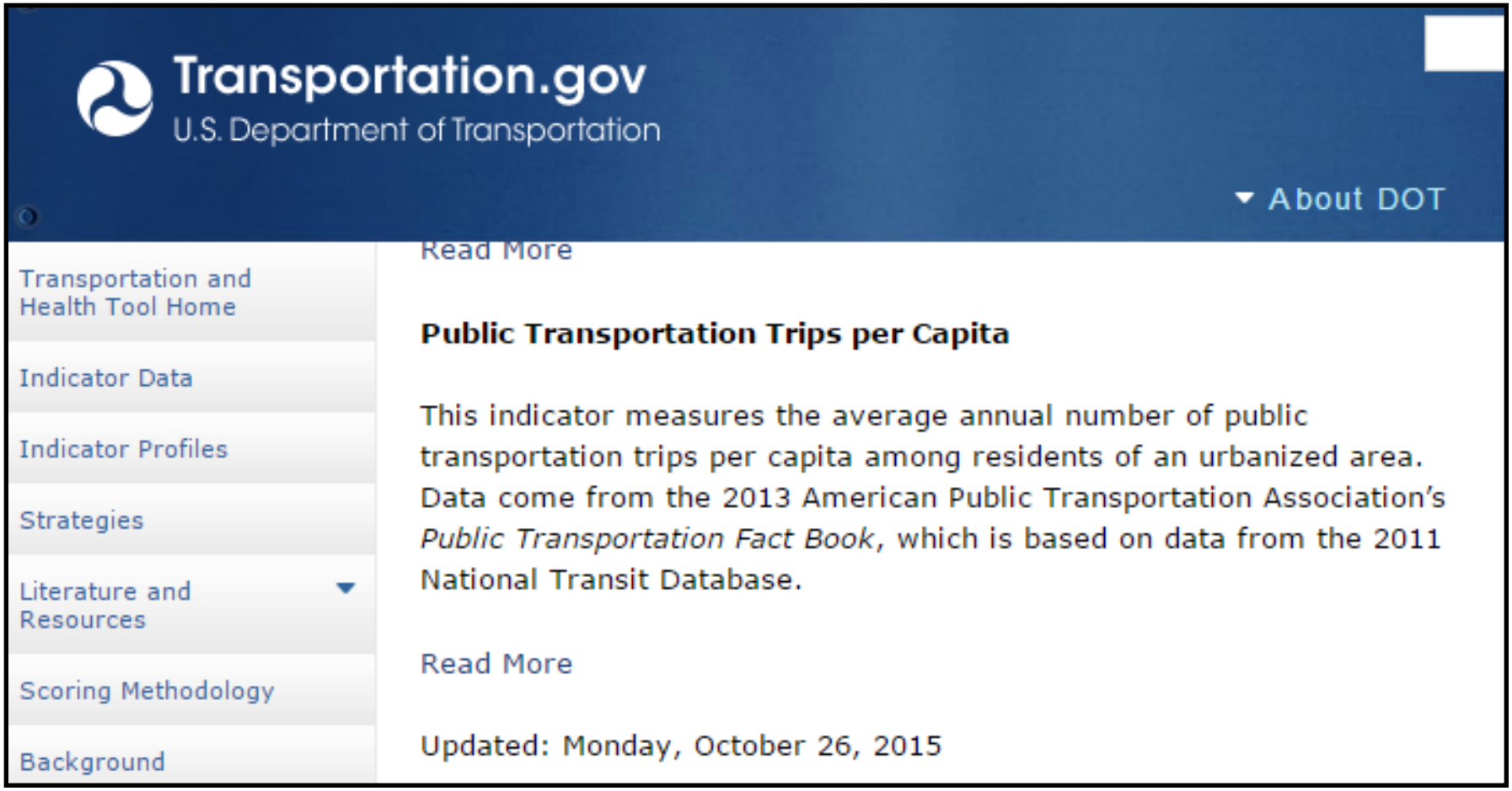
Road Traffic Fatalities Exposure Rate – Auto Raw Value = 7.4 Score = 82
Road Traffic Fatalities Exposure Rate – Bicycle Raw Value = 35.2 **Score = 45**
Road Traffic Fatalities Exposure Rate – Pedestrian Raw Value = 10.4 Score = 95

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



THT ~ State of Indiana Indicators

Commute Mode Share – Auto Raw Value = 92.1% **Score = 20**
Commute Mode Share – Transit Raw Value = 1.1% **Score = 31**
Commute Mode Share – Bicycle Raw Value = 0.5% Score = 50
Commute Mode Share – Walk Raw Value = 2.2% **Score = 27**

Complete Streets Policies Raw Value = No policy **Score = 0**

DUI/DWI Fatalities per 100,000 Residents Raw Value = 3.5 **Score = 49**

Person Miles of Travel by Private Vehicle Raw Value = 26,200 Score = 76
Person Miles of Travel by Walking Raw Value = 132 **Score = 14**

Physical Activity from Transportation Raw Value = 7.08 **Score = 27**

Proximity to Major Roadways Raw Value = 0.01% Score = 97

Road Traffic Fatalities/100,000 Residents – Auto Raw Value = 10.6 **Score = 46**
Road Traffic Fatalities/100,000 Residents – Bicycle Raw Value = 0.2 **Score = 41**
Road Traffic Fatalities/100,000 Residents – Pedestrian Raw Value = 0.9 Score = 78

Seat Belt Use Raw Value = 0.94 Score = 90

Road Traffic Fatalities Exposure Rate – Auto Raw Value = 11.5 Score = 51
Road Traffic Fatalities Exposure Rate – Bicycle Raw Value = 42.3 **Score = 40**
Road Traffic Fatalities Exposure Rate – Pedestrian Raw Value = 40.5 Score = 53

Transit Trips per Capita Raw Value = 11.7 Score = 55

Use of Federal Funds for Bike and Ped Efforts Raw Value = 3.10% Score = 90

Vehicle Miles Traveled per Capita Raw Value = 11,737 **Score = 18**

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 ~ State of Oregon Indicators

Commute Mode Share - Auto Raw Value = 82.0% Score = 88
Commute Mode Share - Transit Raw Value =4.1% Score = 72
Commute Mode Share - Bicycle Raw Value = 2.5% Score = 100
Commute Mode Share - Walk Raw Value = 4.6% Score = 89

Complete Streets Policies Raw Value = Policy in place Score = 100

DUI/DWI Fatalities per 100,000 Residents Raw Value = 2.2 Score = 85

Person Miles of Travel by Private Vehicle Raw Value = 23,997 Score = 89
Person Miles of Travel by Walking Raw Value = 425 Score = 97

Physical Activity from Transportation Raw Value = 17.80 Score = 99

Proximity to Major Roadways Raw Value = 0.07% **Score = 39**

Road Traffic Fatalities/100,000 Residents - Auto Raw Value = 7.7 Score = 75
Road Traffic Fatalities/100,000 Residents - Bicycle Raw Value = 0.3 **Score = 18**
Road Traffic Fatalities/100,000 Residents - Pedestrian Raw Value = 1.3 **Score = 45**

Road Traffic Fatalities Exposure Rate - Auto Raw Value = 9.3 Score = 71
Road Traffic Fatalities Exposure Rate - Bicycle Raw Value = 11.3 Score = 93
Road Traffic Fatalities Exposure Rate - Pedestrian Raw Value = 31.2 Score = 68

Seat Belt Use Raw Value = 0.97 Score = 98

Transit Trips per Capita Raw Value = 27.8 Score = 80

Use of Federal Funds for Bike and Ped Efforts Raw Value = 3.10% Score = 90

Vehicle Miles Traveled per Capita Raw Value = 8,628 Score = 78

THT ~ State of Illinois Indicators

Commute Mode Share - Auto Raw Value = 82.8% Score = 85
Commute Mode Share - Transit Raw Value =8.5% Score = 94
Commute Mode Share - Bicycle Raw Value = 0.7% Score = 64
Commute Mode Share - Walk Raw Value = 3.2% Score = 58

Complete Streets Policies Raw Value = Policy in place Score = 100

DUI/DWI Fatalities per 100,000 Residents Raw Value = 2.5 Score = 77

Person Miles of Travel by Private Vehicle Raw Value = 24,772 Score = 85
Person Miles of Travel by Walking Raw Value = 271 Score = 78

Physical Activity from Transportation Raw Value = 12.40 Score = 78

Proximity to Major Roadways Raw Value = 0.07% Score = 60

Road Traffic Fatalities/100,000 Residents - Auto Raw Value = 6.2 Score = 88
Road Traffic Fatalities/100,000 Residents - Bicycle Raw Value = 0.2 **Score = 41**
Road Traffic Fatalities/100,000 Residents - Pedestrian Raw Value = 1.0 Score = 69

Road Traffic Fatalities Exposure Rate - Auto Raw Value = 7.5 Score = 87
Road Traffic Fatalities Exposure Rate - Bicycle Raw Value = 33.2 Score = 53
Road Traffic Fatalities Exposure Rate - Pedestrian Raw Value = 31.6 Score = 67

Seat Belt Use Raw Value = 0.94 Score = 90

Transit Trips per Capita Raw Value = 49.6 Score = 90

Use of Federal Funds for Bike and Ped Efforts Raw Value = 1.40% **Score = 26**

Vehicle Miles Traveled per Capita Raw Value = 8,030 Score = 88

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

Want to Give a try in Real Time?

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

Share your experience

What did you do?

Find anything of note?

Anything raise other questions?

Any Comment on the Tool?

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 ~ Oshkosh MSA

Commute Mode Share – Auto Raw Value = 92.1% **Score = 35**
Commute Mode Share – Transit Raw Value = 0.8% **Score = 36**
Commute Mode Share – Bicycle Raw Value = 0.7% Score = 65
Commute Mode Share – Walk Raw Value = 2.8% Score = 58

Complete Streets Raw Value = Policy in place **Score = 0**

DUI/DWI Fatalities per 100,000 Residents Raw Value = 2.4 Score = 65

Housing and Transportation Affordability Raw Value = 46.5% Score = 76

Land Use Mix Raw Value = 0.43 **Score = 11**

Proximity to Major Roadways Raw Value = 0.02% Score = 100

Road Traffic Fatalities/100,000 Residents – Auto Raw Value = 5.3 Score = 92
Road Traffic Fatalities/100,000 Residents – Bicycle Raw Value = 0.1 Score = 69
Road Traffic Fatalities/100,000 Residents – Pedestrian Raw Value = 0.8 Score = 74

Road Traffic Fatalities Exposure Rate – Auto Raw Value = 5.8 Score = 94
Road Traffic Fatalities Exposure Rate – Bicycle Raw Value = 17.7 Score = 59
Road Traffic Fatalities Exposure Rate – Pedestrian Raw Value = 30.2 Score = 70

THT ~ Fond du Lac MSA

Commute Mode Share – Auto Raw Value = 91.6% **Score = 40**
Commute Mode Share – Transit Raw Value = 0.4% **Score = 20**
Commute Mode Share – Bicycle Raw Value = 0.6% Score = 59
Commute Mode Share – Walk Raw Value = 3.4% Score = 72

Complete Streets Raw Value = Policy in place **Score = 0**

DUI/DWI Fatalities per 100,000 Residents Raw Value = 4.9 **Score = 21**

Housing and Transportation Affordability Raw Value = 48.9% Score = 64

Land Use Mix Raw Value = 0.49 **Score = 45**

Proximity to Major Roadways Raw Value = 0.03% Score = 100

Road Traffic Fatalities/100,000 Residents – Auto Raw Value = 8.9 Score = 55
Road Traffic Fatalities/100,000 Residents – Bicycle Raw Value = 0.6 **Score = 4**
Road Traffic Fatalities/100,000 Residents – Pedestrian Raw Value = 0.8 Score = 77

Road Traffic Fatalities Exposure Rate – Auto Raw Value = 9.7 Score = 57
Road Traffic Fatalities Exposure Rate – Bicycle Raw Value = 99.3 **Score = 24**
Road Traffic Fatalities Exposure Rate – Pedestrian Raw Value = 23.6 Score = 79