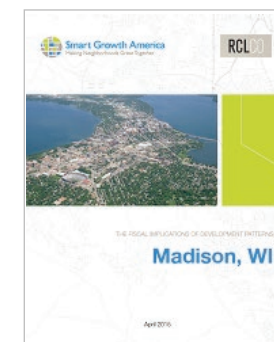


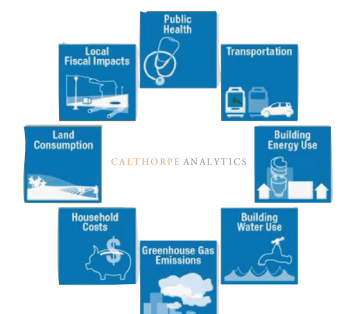
City of Madison Data and Modeling Tools



Fiscal Impact Model



UrbanFootprint



March 2016

City of Madison Data and Modeling Tools



Neighborhood Indicators

Neighborhood Indicators Project

- NI is a web-based tool, administered for the City by UW-Madison's Applied Population Lab.
- NI was designed to create *historical data*; its first release was in 2008.
- It monitors six key indicators that relate to the quality of life in Madison at the neighborhood level.
- It annually measures at two main scales more than 30 variables that constitute the 6 indicators.
- Data for the city's 62 Planning Districts and 96 Neighborhood Associations is available using the tools on this website.

Resources

<http://madison.apl.wisc.edu/>

For more information contact:

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Active Living Index **ALI**

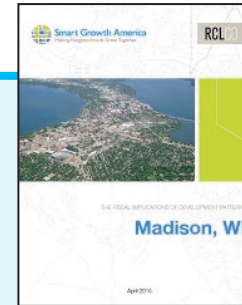
- ALI is a new web-based tool, administered by the City as a result of a 2015 American Planning Association Plan4Health grant.
- ALI is an assessment tool designed to evaluate *how conducive to active living a place is*.
- It assigns to a place a combined Active Living Score of three mobility components conducive to active living.
- It measures the *current* accessibility of walking, biking, and transit infrastructure to specific destinations.
- It can be used for educational purposes and to identify where improvements could be needed in order to support a healthy, active living environment.

Resources

<http://cityofmadison.maps.arcgis.com/apps/webappviewer/index.html?id=6a19a38e00be441080923f1f2f862b22>

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Fiscal Impact Model — Pioneer Neighborhood Analysis

- Smart Growth America, a Washington D.C.-based coalition that supports efficient land use patterns, developed a Fiscal Impact Model for the Pioneer Neighborhood on Madison's Westside.
- The project was funded through HUD's Sustainable Communities grant program.
- The Model estimates future City revenues and expenditures upon buildout of the Plan's recommendations. These results are compared to lower and higher density scenarios to illustrate how different development patterns could impact the City's budget.

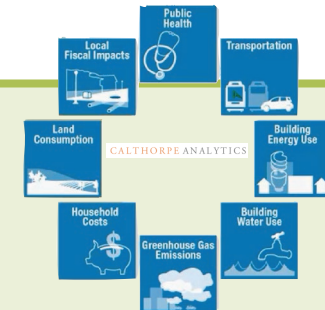
Resources

Report: www.smartgrowthamerica.org/documents/fiscal-implications-madison-wi.pdf

Webcast (April, 2015): www.smartgrowthamerica.org/2015/04/07/watch-the-recorded-webcast-of-the-fiscal-implications-of-development-patterns/

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UrbanFootprint — Scenario Modeling Tool

- The City, with the assistance of a federal TIGER grant, is customizing the UrbanFootprint growth scenario modeling tool for use in Madison and Dane County.
- This modeling tool will *forecast* the health, fiscal, transportation, energy and water use, emissions, land consumption, and household cost impacts of various styles of urban development.
- It allows the city to create growth scenarios for a defined geography and analyze impacts of alternatives across the six metrics. Changes can be mapped at the parcel level, and scenarios can be developed at the neighborhood, city, and county level.
- Comparing scenarios can support policymakers and stakeholders in deciding different courses of action.

Resources

[www.calthorpe.com/files/UrbanFootprint Technical Summary - July 2012.pdf](http://www.calthorpe.com/files/UrbanFootprint_Technical_Summary_-_July_2012.pdf)

(Note that this PDF does not precisely match Madison's implementation of UrbanFootprint, but does provide some additional details.)

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