

Nature's Call to Action Conference

Shana V. Baker
Federal Highway Administration
Office of Human Environment

April 14, 2016



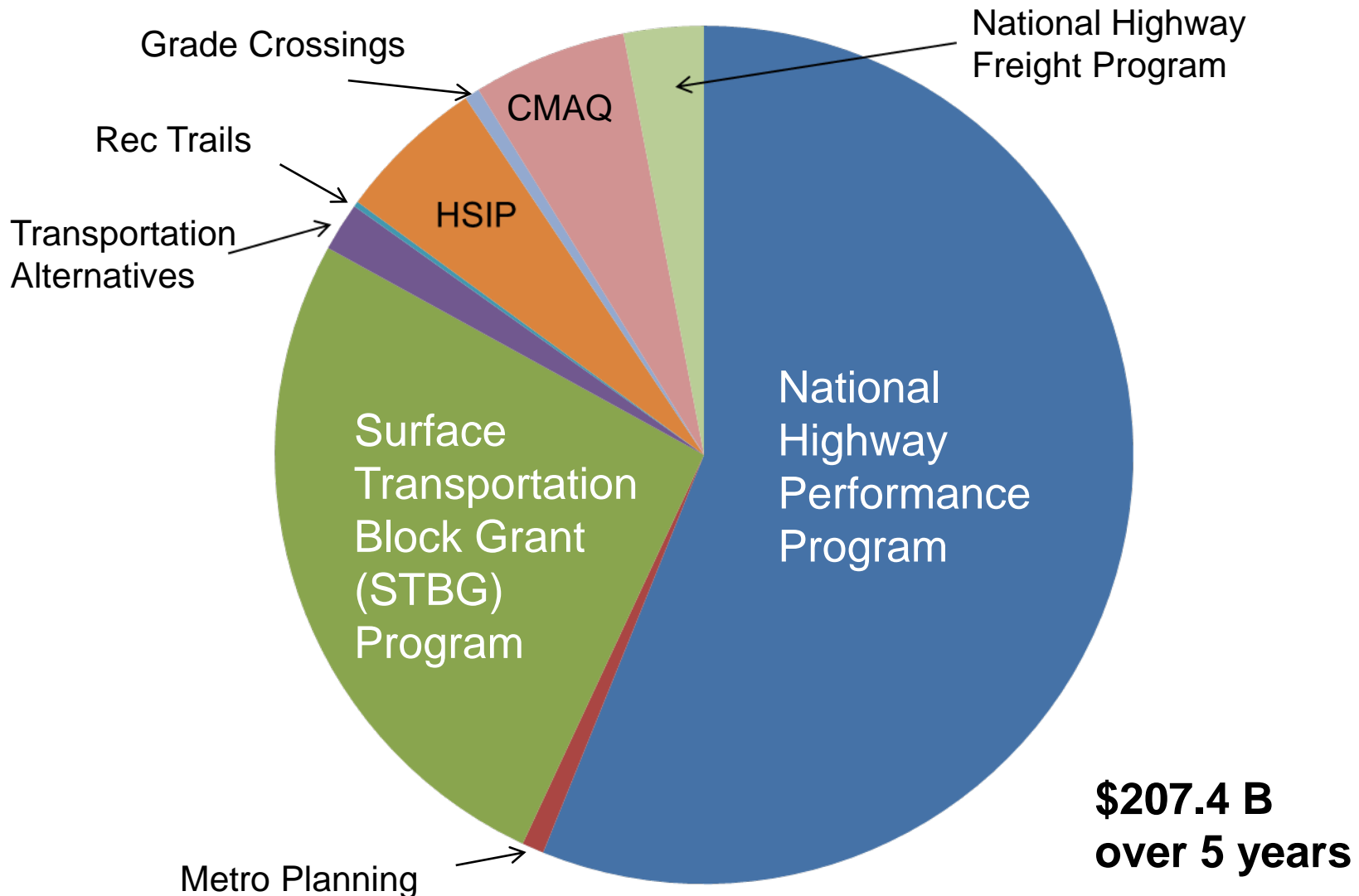
OVERVIEW

- **Overview of Fixing America's Surface Transportation (FAST) Act**
- **Ladders of Opportunity**
 - **Connectivity Measures**
 - **LadderSTEP Transportation Empowerment Pilot**
- **Livability Activities**
 - **Pedestrian and Bicycle Efforts**
 - **Safer People, Safer Streets Initiative**
 - **Bicycle and Pedestrian Assessments**
 - **Bicycle & Pedestrian Resources**
 - **Transportation Alternatives Program Performance Management Guidebook**
 - **Health/Transportation Resources**
 - **Livability Tools**

FAST Act

- Signed by President Obama on December 4, 2015
- First long-term authorization act in a decade
- Result of bipartisan cooperation and compromise
- Provides 5 years of funding certainty for infrastructure planning and investment
- Authorizes \$305 B (all modes) over FY 2016-2020
- \$70 B in transfers to keep the Highway Trust Fund solvent; fully “paid for” (offset) by unrelated savings

92% of Highway Funds Are Apportioned



FAST Act Changes

- Section 1109(b)(7) STP Set-Aside: established Transportation Alternatives (TA) Set Aside from the Surface Transportation Block Grant (STBG) Program: Replaced TAP.

Prgm	Changes
"TAP"	<ul style="list-style-type: none">• Same program, but no longer called TAP; no name specified• All funds set aside from STBG (vs. from all formula programs today)• Nonprofits responsible for local transportation safety programs may be project sponsors

Ladders of Opportunity

- **Connect:** A multimodal transportation system provides Americans with safe, reliable, and affordable connections to employment, education, healthcare, and other essential services.
- **Revitalize:** Transportation infrastructure can lift up neighborhoods and regions by attracting new opportunities, jobs, and housing.
- **Work:** Infrastructure investment creates jobs *and* paves the way for business, particularly small and disadvantaged business enterprises.



Connectivity Measures

- Communities are trying to measure connectivity

- Connectivity White Paper
- DOT Connectivity Summit
- Fastlane Blog on Connectivity

<https://www.transportation.gov/opportunity/connect>

- FHWA Activities

- Pursuing Equity in Pedestrian and Bicycle Planning white paper
- A white paper on the linkage between Ladders of Opportunity and pedestrian and bicycle transportation

LadderStep

The U.S. Department of Transportation is launched a **LadderS^{TEP} Transportation Empowerment Pilot** that provides technical assistance to local cities by convening public and private entities to advance community revitalization projects.



US DOT Pedestrian & Bicyclist Safety Assessments



U.S. Department of Transportation Pedestrian and Bicyclist Road Safety Assessments



Summary Report

October 2015

http://www.fhwa.dot.gov/environment/bicycle_pedestrian/resources/assessments/assessments.pdf



Mayors' Challenge for Safer People, Safer Streets

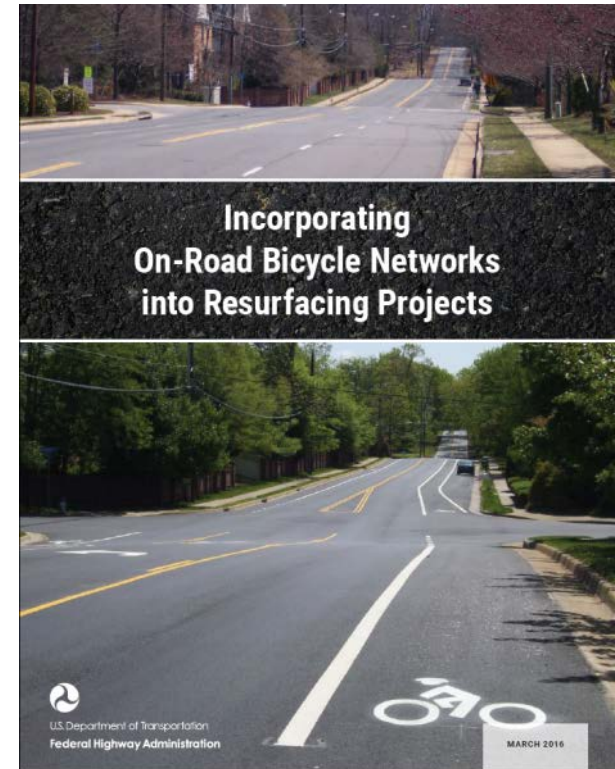
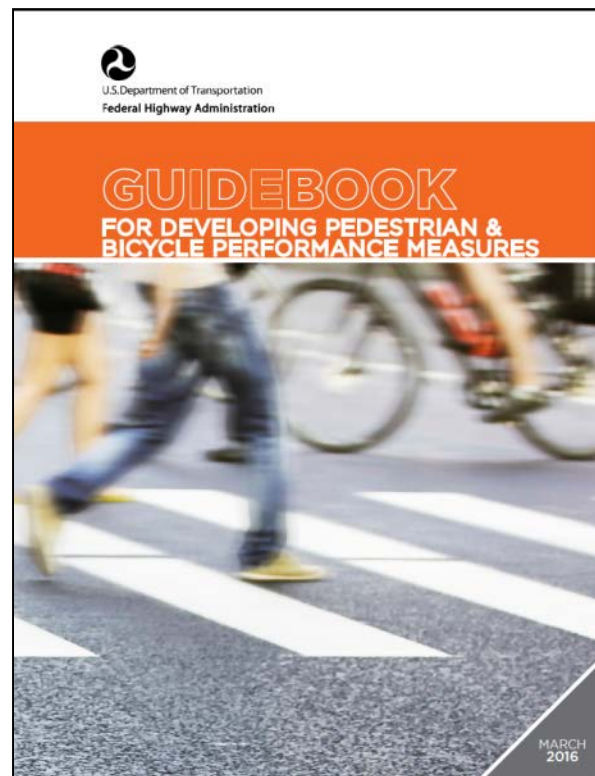
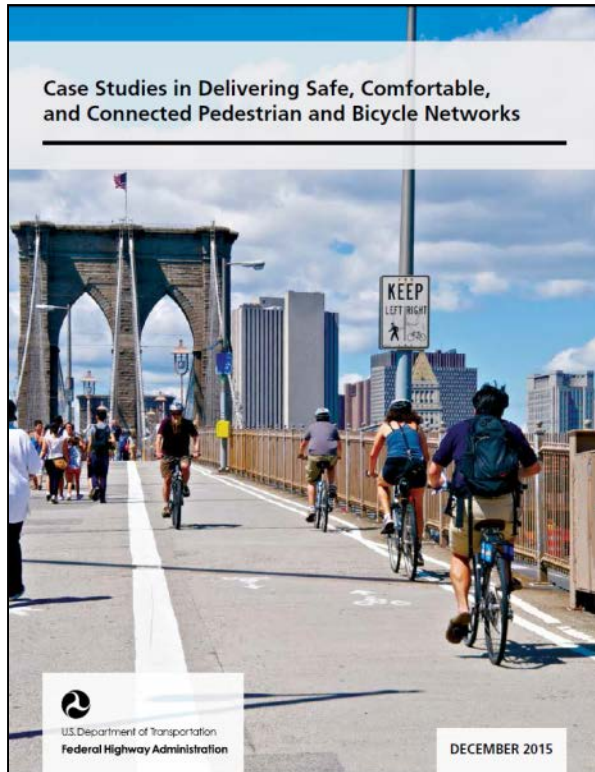
- Complete Streets
- Fix Barriers
- Gather Data
- Design Right
- Create Networks
- Improve Laws
- Educate and Enforce



Mayors' Challenge Awards

- Mayors' Challenge Awards to highlight the great work cities participating in the Challenge are doing and stimulate further action on improving bicycle and pedestrian safety.
- Awards will be considered for work relating to the seven Challenge Activities, Ladders of Opportunity, and for active engagement in Challenge events. Applications will open on June 1 and will close on July 15, 2016.

Resources



Resources



U.S. Department of Transportation
 Federal Highway Administration

[About Programs](#)
[Resources](#)
[Briefing Room](#)
[Contact Search FHWA](#)




Office of Planning, Environment, & Realty (HEP)
 Planning • Environment • Real Estate

[HEP](#)
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Bicycle & Pedestrian

Overview
Legislation
Guidance & Information
Funding
Publications
Meetings & Events
Resources

[FHWA](#) → [Environment](#) → [Bicycle & Pedestrian Program](#) → [Funding](#)

Bicycle and Pedestrian Funding Opportunities: US Department of Transportation, Federal Transit, and Federal Highway Funds

Revised **December 4, 2014**, to incorporate programs authorized under the Moving Ahead for Progress in the 21st Century Act (MAP-21).

This table indicates potential eligibility for pedestrian and bicycle projects under Federal Transit and Federal Highway programs. Specific program requirements must be met, and eligibility must be determined, on a case-by-case basis. For example: transit funds must provide access to transit; CMAQ must benefit air quality; HSIP projects must be consistent with the State Strategic Highway Safety Plan and address a highway safety problem; NHPP must benefit National Highway System (NHS) corridors; RTP must benefit trails; the Federal Lands and Tribal Transportation Programs (FLTTP) must provide access to or within Federal or tribal lands. See more information about [Bikes and Transit](#) and [Eligibility of Pedestrian and Bicycle Improvements under Federal Transit Law](#).

Bicycle and Pedestrian Funding Opportunities / Federal Transit and Federal Highway Funds

Activity	TIGER see note below	FTA	ATI	CMAQ see note below	HSIP	NHPP NHS	STP	TAP IE	RTP	SRTS until expended	PLAN	402	FLTTP
Access enhancements to public transportation	\$	\$	\$	\$			\$	\$					\$
ADA/504 Self Evaluation / Transition Plan	\$plan						\$	\$	\$		\$		\$
Bicycle and/or pedestrian plans	\$plan	\$					\$	\$			\$		\$
Bicycle lanes on road	\$	\$	\$	\$	\$	\$	\$	\$		\$			\$
Bicycle parking	\$*	\$	\$	\$		\$	\$	\$	\$	\$			\$
Bike racks on transit	\$	\$	\$	\$			\$	\$					\$

FHWA Contact

 For more information, please contact [Daniel Goodman](#), 202-366-9064.

State Coordinator Contact Information

 Each State administers its own program. Contact your [State Bicycle and Pedestrian Coordinator](#) for guidance on State policies and project eligibility requirements.

Bicycle and Pedestrian Funding, Design, and Environmental Review: Addressing Common Misconceptions

August 20, 2015

Introduction

The U.S. Department of Transportation (DOT) has been working to address nonmotorized safety issues nationwide and help communities create safer, better-connected bicycling and walking networks as part of the Department's [Safer People, Safer Streets Initiative](#).

Since launching the Safer People, Safer Streets Initiative in 2014, DOT has engaged safety experts, existing and new stakeholders, local officials, and the public on a range of targeted strategies to encourage safety for bicyclists and pedestrians on and around our streets, including bus stops, transit stations, and other multimodal connections. Through these discussions, a number of common misconceptions have been raised about the use of Federal funding, street design, and the Environmental Review process that can cause confusion and result in project delay.



Pedestrian and Bicycle Information Center

[Data & Resources](#)
[Community Support](#)
[Planning & Design](#)
[Training & Events](#)
[Programs & Campaigns](#)

PLANNING & DESIGN

Planning & Data Collection Tools

[Crash Data](#)
[Counts](#)
[Surveys](#)
[Inventories](#)
[Audits](#)
[Secondary Data Sources](#)
[ActiveTrans Priority Tool](#)

Performance & Analysis

[Level & Quality of Service](#)

Design Resource Index

The Design Resource Index identifies the specific location of information in key national design manuals for various pedestrian and bicycle design treatments. The Design Resource Index will help practitioners quickly access the right resources and should reduce the amount of time it takes to search through multiple design guides to find the information they need.

- For the navigable Excel version, [click here](#)
- For a printable 11x17 version, [click here](#)

As you use this document, we encourage you to share your observations and feedback. For example, we would like to get input on existing gaps in design guidance, research needs, and additional tools and resources that would help you navigate between various design resources. Please email this feedback to daniel.goodman@dot.gov.

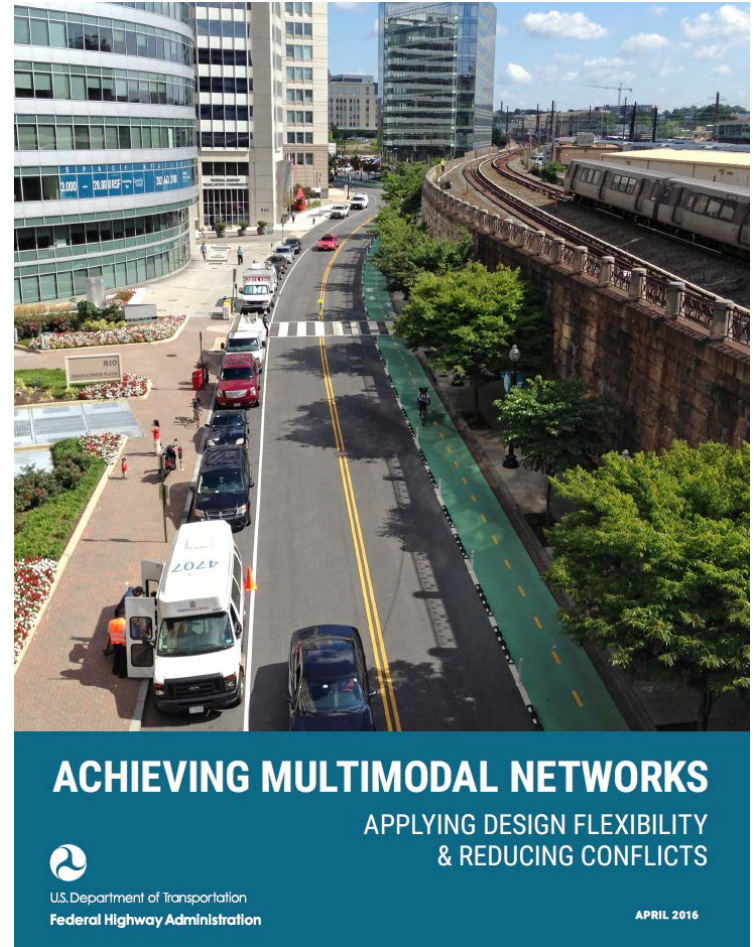
http://www.fhwa.dot.gov/environment/bicycle_pedestrian/funding/funding_opportunities.cfm

http://www.fhwa.dot.gov/environment/bicycle_pedestrian/



Resources Underdevelopment

- Achieving Multimodal Networks
Applying Design Flexibility &
Reducing Conflicts
- Strategic Agenda for Pedestrian and
Bicycle Transportation



For project updates, funding information, policy background, etc., visit: www.fhwa.dot.gov/environment/bicycle_pedestrian



Transportation Alternatives Program (TAP) Performance Management Guidebook

Transportation Alternatives Program
Performance Management Guidebook

March 2016

- Explains the benefits of performance management
- Voluntary Best Practices



U.S. Department of Transportation
Federal Highway Administration

FHWA-HEP-16-026

www.fhwa.dot.gov/environment/transportation_alternatives/



Transportation and Health Tool



The screenshot shows the homepage of the Transportation and Health Tool (THT) website. The header features the Transportation.gov logo and navigation links for About DOT, Our Activities, and Areas of Focus. A left sidebar lists various tool components like Indicator Data, Profiles, and Strategies. The main content area includes a title, a photo of a cyclist, a photo credit, and a descriptive paragraph about the tool's purpose.

Transportation.gov
U.S. Department of Transportation

▼ About DOT ▼ Our Activities ▼ Areas of Focus

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

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



<http://www.transportation.gov/transportation-health-tool>



Health in Transportation Corridor Planning Framework & Case Studies



Livability Tools

How to Use the Tool - Community Vision - Tools - Livability - FHWA.pdf - Adobe Acrobat Pro

Create

1 / 3

Tools

How to Use the Tool - Community Vision - Tools - Livability - FHWA

U.S. Department of Transportation
Federal Highway Administration

Office of Planning, Environment, & Realty (HEP)

Planning - Environment - Real Estate

HEP Events Guidance Publications Glossary Awards Contact

Livability Initiative

Fact Sheets
Case Studies
Livability Newsletter
Human Environment Digest
Livability Resources
Livability Tools
Livability Webinars
Livability Videos
Sustainable Communities Partnership
Related Links
Division & Federal Lands Contacts

FHWA → Livability → Tools → Community Vision

Community Vision Metrics Web Tool

How to Use the Tool

This tool allows you to search for performance measures based on your community's goals and unique context. For example, your community might be interested in including goals related to Public Health as part of the planning process.

STEP 1: Choose a Topic (Community Goal)

Choose Topic

- Accessibility
- Aesthetics and Sensory
- Community Amenities
- Community Engagement
- Economic
- Housing
- Land Use
- Mobility
- Natural Resources
- Public Health
- Safety

http://www.fhwa.dot.gov/livability/tools/placefit/

PlaceFit - Tools - Livability

File Edit View Favorites Tools Help

WomanFreebies Web Slice Gallery PRISM Suggested Sites Free Hotmail

Livability Initiative

Fact Sheets
Case Studies
Livability Newsletter
Human Environment Digest
Livability Resources
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Livability Webinars
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FHWA → Livability → Tools

PlaceFit Community Characteristics Database

The PlaceFit Tool provides access to a variety of existing websites based on livability characteristics that may appeal to your lifestyle choices. This investigative tool can help you identify communities with characteristics that appeal to you and your families' needs when relocating for a job, schooling, retirement, or a variety of other reasons; or for comparing how your current community compares to others. It allows you to select primary and secondary characteristics that describe what you are looking for in a community that would be of interest to you.

For detailed instructions on using the PlaceFit tool, see the [How To](#) page. Otherwise, begin by selecting one or more categories below.

Start → Primary Categories → Subcategories → Results

STEP 1: Select One or More Primary Categories

- ☐ Architecture and Neighborhood Atmosphere
- ☐ Density and Demographics
- ☐ Economics
- ☐ Education
- ☐ Geography and Climate
- ☐ Health and Well-Being
- ☐ Housing
- ☐ Local Government and Political Culture
- ☐ Natural Environment
- ☐ Recreation and Entertainment
- ☒ Safety
- ☐ Sociocultural
- ☒ Transportation

Updated: 06/26/2014

HEP Home | Planning | Environment | Real Estate

Privacy Policy | Freedom of Information Act (FOIA) | Accessibility | Web Policies & Notices | No Fear Act | Report Waste, Fraud and Abuse

U.S. DOT Home | USA.gov | WhiteHouse.gov

Federal Highway Administration | 1200 New Jersey Avenue, SE | Washington, DC 20590 | 202-366-4000

2:00 PM 3/18/2015



Additional Livability Tools



Location Affordability Portal Version 2
Understanding the Combined Cost of Housing and Transportation

HOME ABOUT MY TRANSPORTATION COST CALCULATOR LOCATION AFFORDABILITY INDEX VIGNETTES RESOURCES HELP

Housing and transportation costs consume about half of the average household budget, but transportation costs are difficult to track and account for. The Location Affordability Portal provides estimates of household housing and transportation costs at the neighborhood level to help consumers, policymakers, and developers make more informed decisions about where to live, work, and invest.

My Transportation Cost Calculator

My Transportation Cost Calculator generates transportation cost estimates based on user-entered information, providing households, real estate professionals, and housing counselors customized, apples-to-apples comparisons of housing and transportation costs in different communities.

Go to My Transportation Cost Calculator

Location Affordability Index

Developers, planners and policymakers can use the Location Affordability Index to make data-driven decisions about local and regional planning and investment. They can also use maps and data tools to help communicate with the public about different development scenarios.

Go to the Location Affordability Index

Data Users

All of the Index data is available for download by researchers, planners, and other users.

Go to Data Download page | Go to web service (Version 2 data)

How much does housing and transportation cost your family?



www.locationaffordability.info



partnership for Sustainable Communities
an interagency partnership HUD • DOT • EPA

Home About Us In Your Community Resources and Tools

Home » Indicators

Sustainable Community Indicator Catalog

Overview
Tip Sheets
Discover Indicators

The Sustainable Community Indicator Catalog helps communities identify indicators that can measure progress toward their sustainability objectives. The indicators in this catalog focus on the relationships among land use, housing, transportation, human health, and the environment. Use this website to identify the indicators that are most closely aligned with the issues of greatest concern to your community.

To develop this catalog, a team of researchers evaluated over 100 community indicator initiatives across the United States. Among these initiatives, the team identified nearly 400 examples of indicators being used to measure community progress related to the Partnership for Sustainable Communities' Livability Principles. Here you can learn more about the most popular and most useful indicators.

This project is the result of collaboration between University of Pennsylvania's Penn Institute for Urban Research, the HUD Office for International and Philanthropic Innovation and the Partnership for Sustainable Communities. [Read more](#) about the research that went into developing this catalog.

Go to the indicators catalog.

Browse additional resources for indicator programs and performance measurement

Updated: Wednesday, December 10, 2014

www.sustainablecommunities.gov/indicators



Additional Livability Tools

Tools - Livability - FHWA

Page Safety Tools

Case Studies

Livability Newsletter

Human Environment Digest

Livability Resources

Livability Tools

Livability Webinars

Livability Videos

Sustainable Communities Partnership

Related Links

Division & Federal Lands Contacts

FHWA Livability Contacts

Shana Baker (202-366-4649)

Daniel Goodman (202-366-9064)

Livability Tools

This page provides links to tools sponsored by the Federal Highway Administration (FHWA) that promote livability in transportation planning. The links are intended to assist decision makers and stakeholders interested in integrating livability principles into their communities' transportation systems. Visit the [U.S. DOT Livability Resources](#) page for other livability-related material.

- [Community Vision Metrics Web Tool](#) - This tool enables practitioners to search for performance measures relevant to their specific circumstances, communities, and quality of life goals. Community Vision Metrics has the greatest impact when employed from the start of the planning and project development process, during visioning and goal setting. **New: 3/4/2015**
- [FHWA Livable Communities Discussion Board](#) - This is online public forum for users to participate in discussion threads and engage in questions and ideas on livability and livability-related topics.
- [Location Affordability Portal](#) - This tool helps individuals, real estate professionals, planners, policymakers, developers, and researchers understand transportation costs in the context of housing location.
- [PlaceFit Community Characteristics Database](#) - The PlaceFit Tool provides access to a variety of existing websites based on livability characteristics that may appeal to your lifestyle choices.
- [Strategic Highway Research Program \(SHRP2\)](#) - SHRP2 was authorized by Congress to address some of the most pressing issues facing the nation's highway system: safety, infrastructure renewal, reliability, and capacity. SHRP2 is administered by the Transportation Research Board of the National Academies under a Memorandum of Understanding with the FHWA and the American Association of State Highway and Transportation Officials.
- [Sustainable Communities Indicator Catalog](#) - This online catalog, created by the Partnership for Sustainable Communities, compiles useful information for communities to measure progress toward their sustainability objectives.
- [Sustainable Highways Tool \(INVEST\)](#) - INVEST (Infrastructure Voluntary Evaluation Sustainability Tool) is a practical, web-based, collection of best practices criteria that allow states to evaluate and improve sustainable practices in their transportation projects. The use of the tool is voluntary and can be used by States or other project sponsors to measure the sustainability of their projects.
- [Tools for Sustainable Communities](#) - The **Partnership for Sustainable Communities (PSC)** has compiled the following list of tools to help communities assess, plan, and design sustainable communities. These tools cover a broad range of topics, including community design and planning, transportation and housing, and the environment. The list includes tools developed by the PSC partner agencies - the U.S. Department of Housing and Urban Development (HUD), the U.S. Department of Transportation (DOT).



Resources

- Human Environment Digest:
http://www.fhwa.dot.gov/livability/he_digest/
- Livability Newsletter: <http://www.fhwa.dot.gov/livability/newsletter/>
- Livability case studies:
http://www.fhwa.dot.gov/livability/case_studies/
- Environmental Justice:
http://www.fhwa.dot.gov/environment/environmental_justice
- Bicycle and Pedestrian:
http://www.fhwa.dot.gov/environment/bicycle_pedestrian/index.cfm
- Recreational Trails:
http://www.fhwa.dot.gov/environment/recreational_trails/
- Transportation Alternatives:
http://www.fhwa.dot.gov/environment/transportation_alternatives/

