

# Bike Safety Resources



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United States Department of Transportation Bicycle Safety Summit

## USDOT Bike and Pedestrian Safety Publications and Resources

The Department of Transportation (DOT) and its Modal Agencies consistently develop bicycle safety guidance, tools, and resources for all of its stakeholders throughout the bicycle safety community. USDOT has created this resource guide to showcase bicycle safety products and publications for attendees of the Tampa Regional Bicycle Safety Summit. This document features safety tips, crash analysis tools, reports on traffic safety data, and contact information for State Bicycle & Pedestrian Coordinators. We hope you find it useful.

### State Resources

#### State Bicycle & Pedestrian Coordinators Contact Information

Did you know that each state has a Bicycle and Pedestrian Coordinator in its State Department of Transportation to promote and facilitate the increased use of nonmotorized transportation? Find your state's coordinator at <http://www.walkinginfo.org/assistance/contacts.cfm>

Floridians can contact Dwight Kingsbury, Assistant Pedestrian and Bicycle Coordinator by phone at phone at 850-245-1520 or via email at [dwight.kingsbury@dot.state.fl.us](mailto:dwight.kingsbury@dot.state.fl.us)

### State-Specific Bicycling Safety Information

Users can select their state from a map or drop-down menu to access state-specific bicycling and walking information, including bicycling laws, links to plans and case studies. <http://www.bicyclinginfo.org/states/>

Floridians can use the following link to view Floridian bike laws, case studies, and bicycle and pedestrian safety plans. <http://www.bicyclinginfo.org/states/index.cfm?ID=10#state>

### Community Resources

#### Community Contact Information

Where can you find help in resolving pedestrian problems in your community? There are many people and entities involved in the process of planning, constructing, operating, and maintaining roads, sidewalks and shared-use trails. This link provides information about whom to contact to address your community's needs. <http://www.bicyclinginfo.org/problems/help.cfm>





## Bike Safety Tools

### **Bikeability Checklist**

How bikeable is your community? The Bikeability Checklist can help you find the answer. Inside you'll find insightful questions, allowing you to evaluate how safe your neighborhood is for bicycling. In addition to the questions, this tool provides both immediate and long-term solutions to your neighborhood's potential problems.

*English:* [http://www.bicyclinginfo.org/pdf/bikeability\\_checklist.pdf](http://www.bicyclinginfo.org/pdf/bikeability_checklist.pdf)

*Spanish:* <http://www.nhtsa.gov/staticfiles/nti/pdf/bikeability-checklist-sp.pdf>

*Teen:* <http://www.nhtsa.gov/staticfiles/nti/pdf/8014-BikeabilityChecklistForYouth.pdf>

### **Bike Sharing in The United States: State of the Practice and Guide to Implementation**

The report explores the evolution of bike sharing in the US, defines success factors, examines funding models, explains demographic and geographic trends affecting the implementation of programs, recommends a step-by-step approach for implementation in cities in the start-up phase, and discusses measures to increase demand and expansion of existing programs.

<http://www.bicyclinginfo.org/promote/bikeshare.cfm?/bikeshare>

### **Bicycle Road Safety Audit Guidelines and Prompt Lists**

The purpose of the *Bicycle Road Safety Audit Guidelines and Prompt Lists* is to provide transportation agencies and Road Safety Audit (RSA) teams with a better understanding of the safety of cyclists in the transportation system when conducting an RSA. These Guidelines present RSA teams with an overview of basic principles of the safety of cyclists and potential issues affecting cyclists. They also provide information on how to conduct an RSA and effectively assess the safety of cyclists. Prompt lists describe safety considerations when conducting a cyclist-specific RSA. These Guidelines will help RSA teams evaluate and suggest a multimodal approach to safety by improving the safety of cyclists and all roadway users.

[http://safety.fhwa.dot.gov/ped\\_bike/tools\\_solve/fhwasal2018/](http://safety.fhwa.dot.gov/ped_bike/tools_solve/fhwasal2018/)

### **The Pedestrian and Bicycle Crash Analysis Tool (PBCAT)**

The Pedestrian and Bicycle Crash Analysis Tool (PBCAT) is a crash typing software product intended to assist state and local pedestrian/bicycle coordinators, planners and engineers with improving walking and bicycling safety through the development and analysis of a database containing details associated with crashes between motor vehicles and pedestrians or bicyclists.

<http://www.walkinginfo.org/facts/pbcats/index.cfm>

### **Cycling Skills Clinic**

This guide is written for those interested in planning and running bicycle safety skills event. Clinics provide a one-time opportunity to educate participants about bike safety by using interactive stations and on-bike skill development. While the clinic is typically offered to school age children at schools or community venues, it can easily be adapted for use for varying age groups, including adults. This guide uses a step-by-step approach for those needing help in planning an event, and those needing help in setting up and conducting the event, including station layouts, volunteer guidance, signage, and handouts.

<http://www.nhtsa.gov/Driving+Safety/Bicycles/CyclingSkillsClinic>.

### **English as a Second Language Pedestrian and Bicycle Safety Courses**

These beginner and intermediate courses are for teachers or volunteers teaching adults to learn English. Basic pedestrian and bicycle safety is introduced.

[http://www.nhtsa.gov/Driving+Safety/Pedestrians/For+English+as+Second+Language+\(ESL\)+Teachers+and+Learners](http://www.nhtsa.gov/Driving+Safety/Pedestrians/For+English+as+Second+Language+(ESL)+Teachers+and+Learners)

### **Good Practices Guide for Bicycle Safety Education Programs**

The purpose of the Good Practices Guide is to serve as an informational resource for educators and other interested professionals in planning and developing bicycle safety education programs. The Guide examines 15 existing bicycle safety education programs in the United States and one from Canada.

<http://www.bicyclinginfo.org/education/resource/bestguidedoc.pdf>



## Clearinghouses and Information Centers

### **The Pedestrian and Bicycle Information Center**

The Pedestrian and Bicycle Information Center is a national clearinghouse maintained by the University of North Carolina Highway Safety Research Center that provides information about health and safety, engineering, advocacy, education, enforcement, access, and mobility issues for pedestrians (including transit users) and bicyclists. PBIC includes newly published or updated research, tools, guides, and training information. <http://www.bicyclinginfo.org>

### **The National Center for Safe Routes to School Clearinghouse**

The National Center for Safe Routes to School is the official clearinghouse for FHWA's Safe Routes to School Program. The clearinghouse has links to tools, tip sheets, and templates available for parties interested in starting a Safe Routes to School Program in their own community. <http://www.saferoutesinfo.org/>

### **The Context Sensitive Solutions Clearinghouse**

The Context Sensitive Solutions Clearinghouse is a resource for citizens and transportation professionals interested in securing better outcomes from the transportation planning process. <http://contextsensitivesolutions.org/>

### **The National Transportation Alternatives Clearinghouse**

The National Transportation Alternatives Clearinghouse (NTAC) provides information about Transportation Alternatives Program (TAP) funds from the Federal government. TAP funds can be used for bicycle and pedestrian projects that expand travel choice, improve quality of life, and protect the environment. <http://www.ta-clearinghouse.info/stateprofile>



## Policy and Guidance

### **US DOT Policy Statement on Bicycle and Pedestrian Accommodation Regulations and Recommendations**

This Policy Statement to reflect the Department of Transportation's support for the development of fully integrated active transportation networks. More specifically, the DOT policy is to incorporate safe and convenient walking and bicycling facilities into transportation projects. [http://www.fhwa.dot.gov/environment/bicycle\\_pedestrian/overview/policy\\_accom.cfm](http://www.fhwa.dot.gov/environment/bicycle_pedestrian/overview/policy_accom.cfm)

### **National Strategies for Advancing Bicycle Safety**

This document identifies goals, strategies, and short- and long-term actions that can be taken to reduce injury and mortality associated with bicycle-related incidents. It is national in scope, but local in application. The *National Strategies for Advancing Bicycle Safety* was developed by a diverse group of bicycle advocates, injury prevention specialists, and government representatives working together at a conference convened by the Department of Transportation. [http://www.nhtsa.gov/people/injury/pedbimot/bike/bicycle\\_safety/index.htm](http://www.nhtsa.gov/people/injury/pedbimot/bike/bicycle_safety/index.htm)



## Governmental Offices and Program Websites

### **Federal Highway Administration (FHWA)**

**Bicycle and Pedestrian Program, Office of Human Environment,** Washington, DC: [www.fhwa.dot.gov/environment/bikeped/index.htm](http://www.fhwa.dot.gov/environment/bikeped/index.htm)

**Pedestrian and Bicycle Safety Program, Office of Safety,** Washington, DC. [http://safety.fhwa.dot.gov/ped\\_bike/](http://safety.fhwa.dot.gov/ped_bike/)

**Recreational Trails Program** provides funds to the States to develop and maintain recreational trails and trail-related facilities. This site includes guidance, RTP State funding levels, and a RTP project database. [http://www.fhwa.dot.gov/environment/recreational\\_trails/](http://www.fhwa.dot.gov/environment/recreational_trails/)

### **National Highway Traffic Safety Administration (NHTSA)**

**National Highway Traffic Safety Administration (NHTSA)**

a. **Bicycle Safety Program,** Washington, DC. <http://www.nhtsa.gov/Bicycles>

b. **Pedestrian Safety Program,** Washington, DC. <http://www.nhtsa.gov/Pedestrian>

### **USDOT's Livability Initiative**

**USDOT's Livability Initiative** has developed a library of materials to assist communities with building more livable communities. The website provides links to fact sheets, press releases, and livability pages run by the Federal Highway Administration, Federal Transit Administration, and Partnership for Sustainable Communities. <http://www.dot.gov/livability/>



## Data and Statistical Reports

### **Traffic Safety Data from 2010**

From NHTSA's National Center for Statistics and Analysis, this document details traffic safety data from 2010, focusing on the number of pedalcyclist deaths and injuries in motor vehicle traffic crashes.

<http://www-nrd.nhtsa.dot.gov/Pubs/811624.pdf>

### **The National Bicycling and Walking Study: 15-Year Status Report**

This report is the third status update to the National Bicycling and Walking Study, originally published in 1994 as an assessment of bicycling and walking as transportation modes in the United States. Following the 5-year status report (1999) and 10-year status report (2004), the 15-year update measures the progress made toward the original goals of lowering the number of fatalities while increasing the percentage of trips made by bicycling and walking.

[http://www.walkinginfo.org/15\\_year\\_report/](http://www.walkinginfo.org/15_year_report/)

### **National Household Travel Survey Brief on Active Travel**

The NHTS is the authoritative source of national data on the travel behavior of the American public. The dataset allows analysis of daily travel by all modes, including characteristics of people traveling, their household, and their vehicles. This brief provides a snapshot of some of NHTS' work.

<http://nhts.ornl.gov/briefs/ActiveTravel.pdf>



## Resources for Law Enforcement

### **Safe Routes to School for Law Enforcement**

This is a resource to support the SRTS national program that aims at increasing the number of children walking and bicycling to school, while also improving the safety of these activities. Law enforcement agencies can play a very important role in this program, working with engineers, teachers, health advocates and parents to improve student safety and encourage more physical activity.

<http://apps.saferoutesinfo.org/lawenforcement/>

### **Enhancing Bicycle Safety: Law Enforcement's Role**

This is a national training course developed by NHTSA that provides an overview of traffic laws pertaining to bicyclists and motorists, common bicycle crash types, and what law enforcement officers can do to educate and enforce law to save the lives of bicyclists on our nation's highways.

The CD ROM may be ordered at: <http://mcs.nhtsa.gov/>

### **Enforcing Laws for Pedestrian Safety/Enforcing Laws for Bicycle Safety**

This resource includes two training roll-call videos highlighting the importance of law role for law enforcement officers in saving lives related to traffic crashes and encourages them to seek more knowledge to address the safety of pedestrians and bicyclists.

Developed by NHTSA, the bicycle roll call video may be viewed at: <http://www.youtube.com/watch?v=JthH4HIQ1ik&feature=youtu.be>.

The DVD with both bicycle and pedestrian roll call videos may be ordered at: <http://mcs.nhtsa.gov/>



## Resources for Adults and Teens

### **Ride Smart, It's Time to Start**

This video uses humor, real-life examples, computer graphics, and a peer-to-peer approach to teach middle and high school youth about how wearing a bicycle helmet can protect them from serious injuries (including brain injuries) and death. The video also explains how to correctly fit and position a bicycle helmet and select a helmet that meets Consumer Product Safety Commission (CPSC) standards.

<http://www.nhtsa.gov/Driving+Safety/Bicycles/Ride+Smart+-+It's+Time+to+Start.Bike+Safe.+Bike+Smart>

### **Seven Smart Routes to Bicycle Safety**

This 2-page pamphlet outlines seven smart steps adults can take to ensure their safety when cycling.

<http://www.nhtsa.gov/DOT/NHTSA/Traffic%20Injury%20Control/Articles/Associated%20Files/BikeSafetyforAdults.pdf>

### **Bike Safety: Tips for Parents, Guardians, and Kids**

This handout features numerous tips adults and children can follow in order to cycle safely in their community.

[http://www.nhtsa.gov/staticfiles/nti/bicycles/pdf/8024b\\_ParentTips.pdf](http://www.nhtsa.gov/staticfiles/nti/bicycles/pdf/8024b_ParentTips.pdf)

### **Bicycle Safety: Youth Tips**

This downloadable handout provides older youth guidance on safe bicycling.

[http://www.nhtsa.gov/staticfiles/nti/bicycles/pdf/8024a\\_YouthTips.pdfFitting+a+Helmet—etc](http://www.nhtsa.gov/staticfiles/nti/bicycles/pdf/8024a_YouthTips.pdfFitting+a+Helmet—etc)