Environmental Justice and Equity Resources

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Environmental Justice

Overview

Environmental Justice (EJ) at the FHWA means identifying and addressing disproportionately high and adverse effects of the agency's programs, policies, and activities on minority populations and low-income populations.

Guiding Principles

To ensure the full and fair participation by all potentially affected communities in the transportation decision-making process.

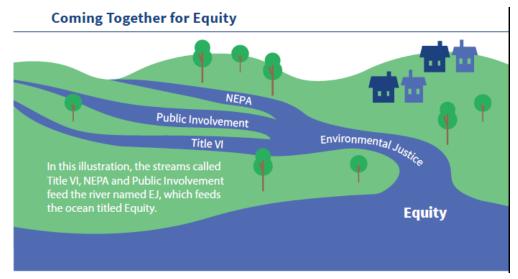
To avoid, minimize, or mitigate disproportionately high and adverse human health and environmental effects, including social and economic effects, on minority or low-income populations.

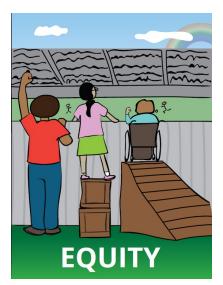
To prevent the denial of, reduction in, or significant delay in the receipt of benefits by minority or low-income populations.



Although Environmental Justice (EJ), Title VI, Non-Discrimination, and Equity are distinct elements, collectively they can contribute to the development of an equitable transportation system. These elements are regularly mistaken and used interchangeably, thus, making it essential to understand their differences.

EJ at FHWA focuses on identifying and addressing disproportionately high and adverse human health or environmental effects of the agency's programs, policies, and activities on minority populations and low-income populations to achieve an equitable distribution of benefits and burdens. This objective is to be achieved, in part, by actively adhering to the principles and practices of both Title VI and the National Environmental Policy Act (NEPA) during the development and implementation of transportation activities. The classes covered by EJ vary slightly from those covered by Title VI and other nondiscrimination statutes, as depicted in Table 1.





www.fhwa.dot.gov/environment/environmental justice/

EJ at DOT

EJ at FHWA

Case Studies

Training

Resources

Key References

Equity in Transportation

Equity in transportation seeks fairness in mobility and accessibility to meet the needs of all community members. Particular focus is given to individuals in one of the following population categories:

- Low Income
- Minority
- Elderly
- Limited English Proficiency (LEP)
- Persons with Disabilities



Highlighting Transportation Plans and Projects

- City of High Point, North Carolina Downtown Multi-modal Vision Plan to Increase Access, Promote Use, and Foster Economic Development (2019)
- I-70 East Environmental Impact Statement, Denver, Colorado (2019)
- Demonstrated Advances in Nondiscrimination, including Environmental Justice: US 26 Outer Powell Transportation Safety Project, Portland, OR (2017)
- Walk Bike Thrive! A Regional Vision for a More Walkable, Bikeable, and Livable Metro Atlanta (2017)



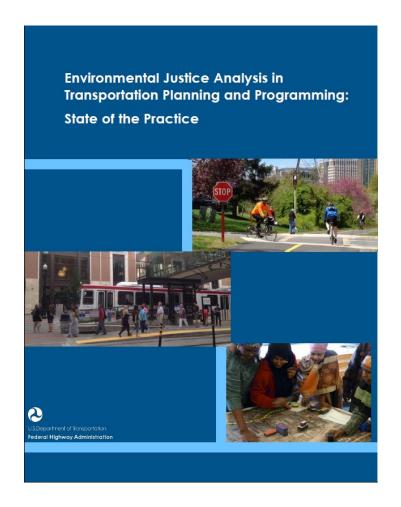
Source: Oregon DOT



Source: Colorado DOT

EJ Analysis in Transportation Planning and Programming

- Providing Opportunities for Meaningful Public Involvement
- 2. Identifying EJ Populations
- 3. Understanding EJ Needs and Concerns
- Assessing Benefits and Burdens of Plans and Programs
- Assessing Whether Adverse Effects Are Disproportionately High
- Deploying Strategies to Address
 Disproportionately High and Adverse Effects (Imbalances and Needs)
- 7. Best Practices

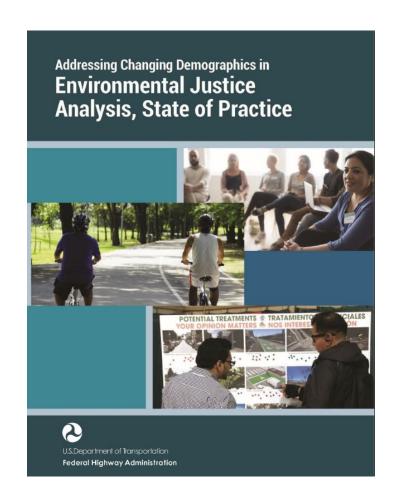


https://www.fhwa.dot.gov/environment/environmental_justice/publications/

Addressing Changing Demographics in EJ Analysis

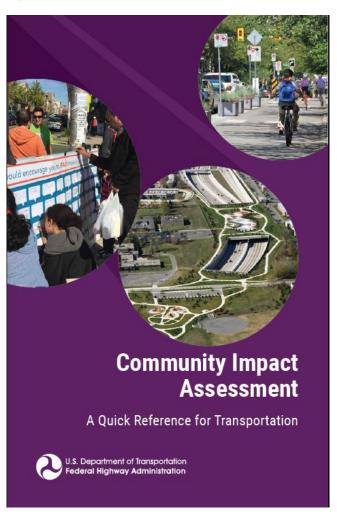
- I. Context, Goals and Objectives
- II. Changing Demographics: Trends and Forecasts
- III. State of the Practice & Notable Practices
- IV. Key Takeaways
- V. Notable Practice Example Case Studies
 - Mid-Ohio Regional Planning Commission
 - Metropolitan Transportation Commission
 - 3. Atlanta Regional Commission
 - 4. Florida Department of Transportation
 - 5. Metro (Portland, OR)

https://www.fhwa.dot.gov/environment/environmental_justice/publications/



Community Impact Assessment (CIA) Reference Guide Update

- New CIA Resources
- Best Practice Examples
- Updated Assessment Techniques/Strategies
- Effective Public Involvement



https://www.fhwa.dot.gov/livability/cia/

Active Transportation

Pursuing Equity in Pedestrian and Bicycle Planning

April 2016

Laura Sandt, Ph.D. Tabitha Combs, Ph.D. Jesse Cohn, MRP

For: U.S. Department of Transportation Federal Highway Administration





Pedestrian and Bicycle Information Center www.pedbikeinfo.org



Historically, many low-income communities and underserved populations have been left out of conversations about transportation planning and this has led to unsafe conditions where pedestrians and bicyclists are over-represented in crashes. An equitable transportation system fosters fairness and helps facilitate access to opportunities for all community members. Equity can be considered both a process and an outcome. To achieve transportation equity, communities must engage in inclusionary, authentic outreach to address underlying disparities of mobility and access and prioritize equity during all stages of the planning and implementation process. This involves building an accessible, affordable, and reliable transportation network that effectively serves all people. Discriminatory enforcement of traffic laws is a form of transportation inequity.

Transportation equity requires understanding the unique needs and safety concerns of different populations and providing the appropriate amount of resources to each group. Numerous studies have shown that enhancing the ability of traditionally underserved populations to travel via nonmotorized modes can potentially lead to improved outcomes in public health, safety, and economic development; promote economic development and resource efficiency; strengthen inclusive neighborhood relations; and bolster public transit services. Benefits of an equitable transportation system positively impact the entire community.

Resources

Pursuing Equity in Pedestrian and Bicycle Planning provides an overview of transportation equity, nonmotorized transportation options for traditionally underserved populations, and strategies for improving equity for

Examples

America Walks Social Justice Toolkit provides tools and resources to consider equity and mitigate disparities by working towards healthy, productive walking environments for everybody.

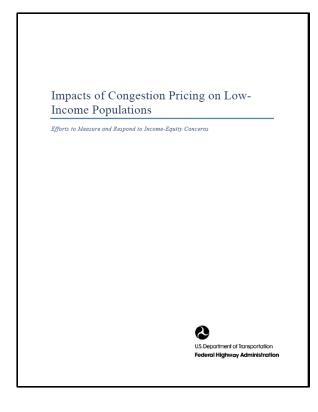
Related Webinars

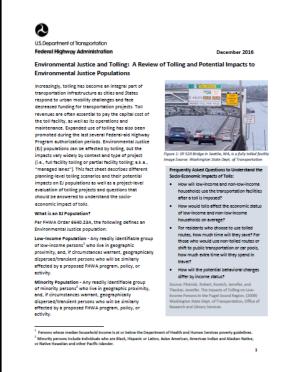
Pursuing Equity in Pedestrian and Bicycle Planning (6/26/2016)

Transportation Equity: Issues and Approaches to Reduce Disparities in Access to Pedestrian and Bicycle

http://www.pedbikeinfo.org/

Tolling and Road Pricing







https://www.fhwa.dot.gov/environment/environmental_justice/publications/

Complete Trip ITS4US Deployment Program





https://www.its.dot.gov/its4us/index.htm

Improving Access to Opportunity

Community Connections Innovations Handbook and Toolkit (2019)

https://www.fhwa.dot.gov/planning/community_connections/handbook/

Guidebook for Measuring Multimodal Network Connectivity (2018)

https://www.fhwa.dot.gov/environment/bicycle_pedestrian/publications/multimodal connectivity/

Integrating Shared Mobility in Multimodal Planning: Improving Regional Performance Goals to Meet Public Goals (2018)

https://www.planning.dot.gov/documents/SharedMobility_Whitepaper_02-2018.pdf

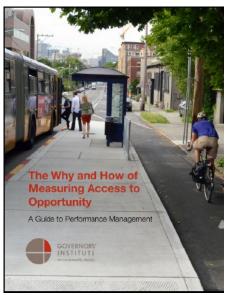
The Why and How of Measuring Access to Opportunity: A Guide to Performance Management (2017)

<u>https://smartgrowthamerica.org/resources/measuring-access-to-opportunity/</u>

Health in Transportation Corridor Planning Framework (2016)

https://www.fhwa.dot.gov/planning/health_in_transportation/planning-framework/

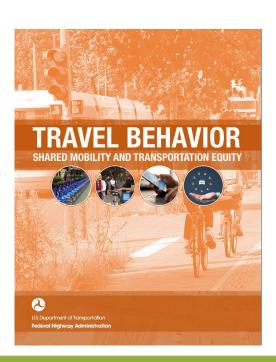




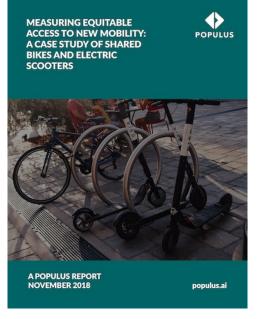
Mobility Innovation

- Shared Mobility
- Automated and Connected Vehicles
- Micromobility
- Curbspace Management









Public Involvement/Public Participation

Public Involvement FHWA → Planning Authorizing Legislation Statute, Regulation and Public Involvement/Public Participation Executive Orders Case Studies Public participation is an integral part of the transportation process which helps to ensure that Recent Items decisions are made in consideration of and to benefit public needs and preferences. Early and Updated: Extending our Reach Video Project Development continuous public involvement brings diverse viewpoints and values into the decision-making Series and Webinars (6/28/19) process. This process enables agencies to make better informed decisions through collaborative Virtual Public Involvement Technical Assistance Opportunities efforts and builds mutual understanding and trust between the agencies and the public they serve. Publications Successful public participation is a continuous process, consisting of a series of activities and

The public, in any one area or jurisdiction, may hold a diverse array of views and concerns on issues pertaining to their own specific transportation needs. Conducting meaningful public participation involves seeking public input at specific and key points in the decision-making process issues where such input has a real potential to help shape the final decision or set of actions.

actions to both inform the public and stakeholders and to obtain input from them which influence

decisions that affect their lives.

Public participation activities provide more value when they are open, relevant, timely, and appropriate for the intended goal of the public involvement process. Providing a balanced approach with representation of all stakeholders and including measures to seek out and consider the needs of all stakeholders, especially those that are traditionally underserved by past and current transportation programs, facilities, or services.

To assist those who would like to improve public participation processes and strategies, this site provides links to relevant information and exemplary case studies and examples.

Related Items

· Transportation Planning Capacity

· Public Engagement

· FHWA Resource Center Planning Team

· Case Studies

. FHWA Office of Civil Rights

Information for the Public on Transportation Decision Making

Have you ever wondered how decisions are made about transportation projects that affect your life? How do government officials decide where to put a bus stop, road, or bridge? How are these and other transportation projects planned? And how can you make sure your opinions are heard and considered by the planners, road designers, elected officials, and other citizens? The Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) wrote a guide to give you the answers to these and other transportation-related questions.

www.fhwa.dot.gov/planning/public involvement/ https://www.fhwa.dot.gov/planning/public involvement/vpi/

Reference Tool

Related Links

Archive

Other Resources

Fact Sheets

Virtual Public Involvement

Series and Webinars

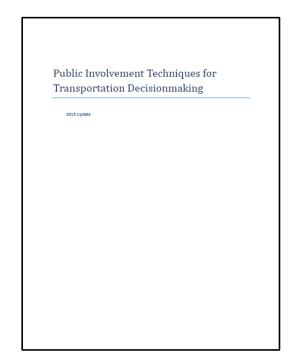
Technical Assistance

Extending our Reach Video

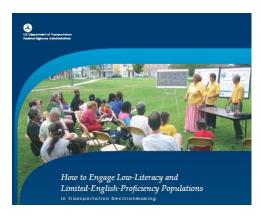
Public Involvement Resources

DEVELOPING AND ADVANCING EFFECTIVE
PUBLIC INVOLVEMENT AND ENVIRONMENTAL
JUSTICE STRATEGIES FOR RURAL AND SMALL
COMMUNITIES

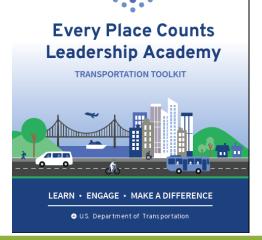
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National Highway Institute Training Resources

Environmental Justice and Public Involvement

- Fundamentals of EJ, WBT (Course #142074)
- EJ Analysis, Instructor-led (Course #142075)
- Basics of Public Involvement in Transportation Decision Making, WBT (Course #142077)
- Title VI Analysis, Instructor-led (Under Development)



www.nhi.fhwa.dot.gov

Additional Training Resources

FHWA Resource Center Technical Assistance

www.fhwa.dot.gov/resourcecenter



FTA/NTI EJ Courses



http://www.ntionline.com/ courses/

EJ/Equity Collaboration

- Federal: USDOT, FHWA, Interagency EJ Working Group, National Science Foundation
- Partnering Organizations: TRB, AASHTO, APA

Upcoming Event

TRB Transportation Equity Conference, Sept. 7-9, 2021 Washington, D.C.,

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