



Nashville-Davidson County Strategic Plan For Sidewalks and Bikeways



Metro Nashville
Public Works
Improving the Quality of Life for Nashvillians and our Visitors

Steering Committee Kickoff Meeting
Tuesday March 22, 2016

“Planning for, building, and maintaining great sidewalks and bikeways are imperative for a healthy, active, safe and vibrant community. I encourage citizens to participate in this process and to work with us to ensure Nashville’s sidewalks and bikeways are safe, useable and welcoming to people of all abilities.”



Mayor Megan Barry

“With Mayor Barry’s leadership, we are confident that the new plan will provide the framework to ensure that pedestrians and bicyclists remain a top priority in transportation planning. I look forward to working alongside the public, getting their input on needs and priorities, and putting those ideas to use.”



Mark Macy, Public
Works Director

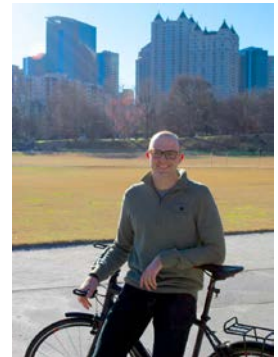
Project Team



Alta's mission is to create active communities where bicycling and walking are safe, healthy, fun, and normal daily activities.

Alta Southeast:

- 20+ planners, designers, and engineers
- Atlanta, GA
- Greenville, SC
- Davidson & Durham, NC
- Tallahassee, FL
- Memphis, TN



Project Purpose

The purpose of the plan is to outline goals, priorities and policies regarding location of the countywide sidewalk and bikeways network and provide a method for prioritizing improvements to ensure a healthy, active, safe and vibrant community.

Sidewalks and Bikeways Plan =

Recreation

Transportation

Healthy living

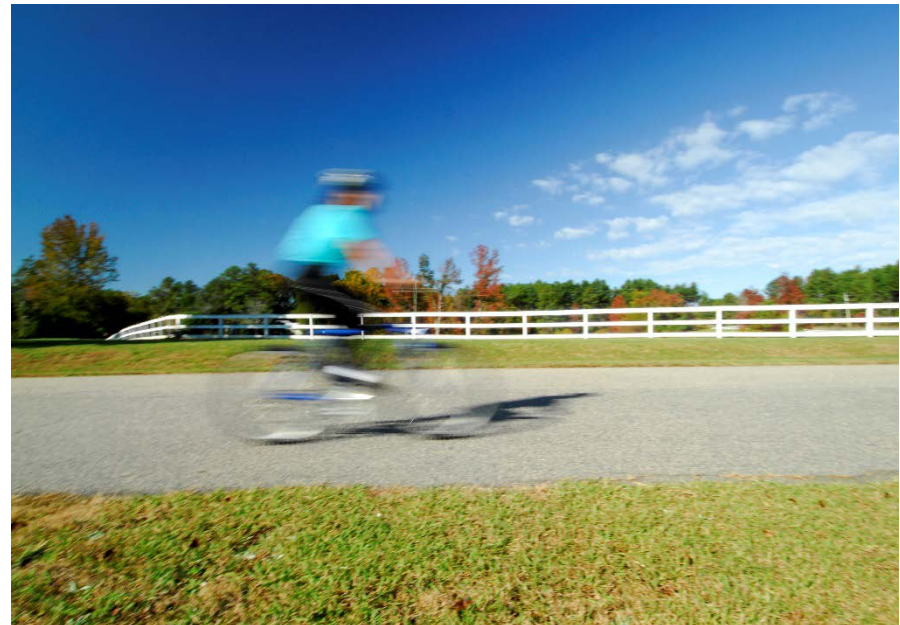
Community building

Economic vitality

Connectivity

Safety

Conservation



Davidson County: Demand

Residents want sidewalks!
Quality of life, health,
transportation choices



Davidson County: Safety

2015:
358 pedestrian
crashes

92 bicyclist crashes

Davidson County: Vehicle Ownership

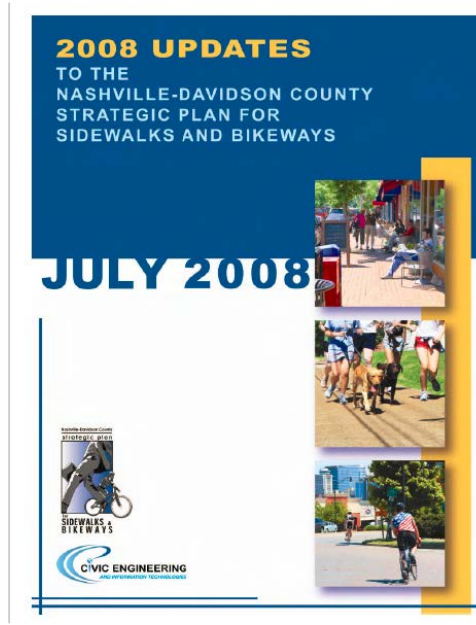
2014 ACS 1-year:
3.5% Zero Vehicle Households

Nationally: 7%-47% decrease in
drivers licenses in age groups
from 16-39

Program History



2003



2008



2015

2008 Update: 3 Main Updates

Pedestrian Generator Index (PGI)

- Address Scoring Overlaps
- Add/Modify PGI Criteria

The Sidewalk Matrix

- Pedestrian Generator Index
- Current Sidewalk Condition
- Coordination (parks, greenways)

Phase II Bikeways Plan

- Expanded bikeway network plan

Program Accomplishments

In 2003, Davidson County had...

727 miles of
sidewalks

and

10 miles of bikeways



Today, Davidson County has...

1070 miles of
sidewalks

and

147 miles of bikeways

On-Going Program Coordination

Interagency Management Team (Overall Management)

- **Public Works Department**
- Planning Department
- Finance Department (ADA Office)
- Mayor's Office

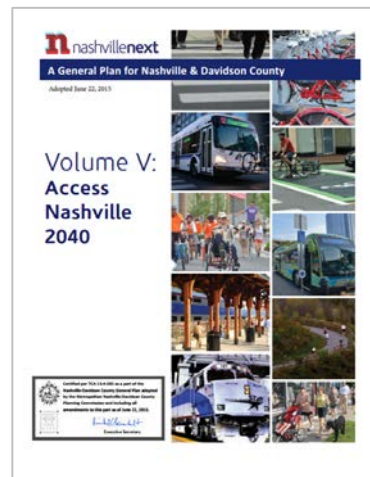
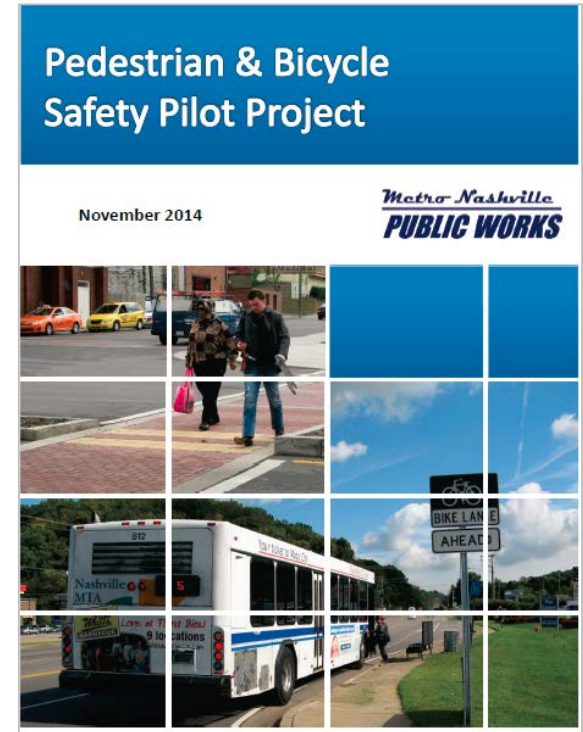
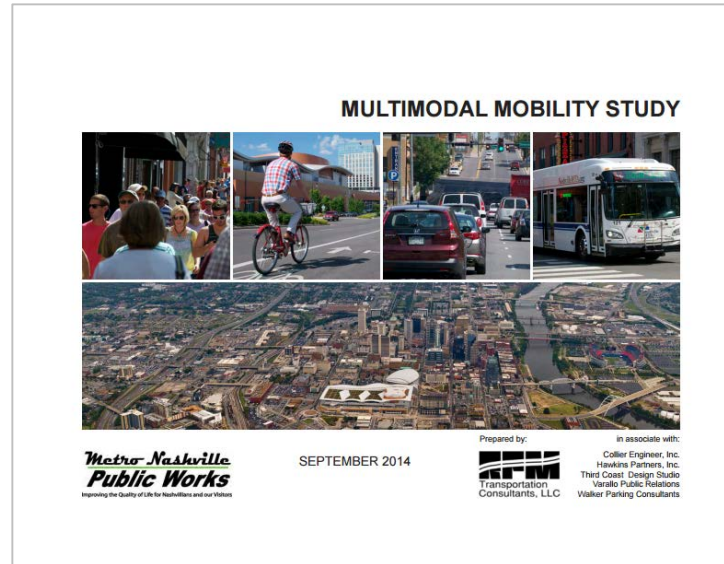
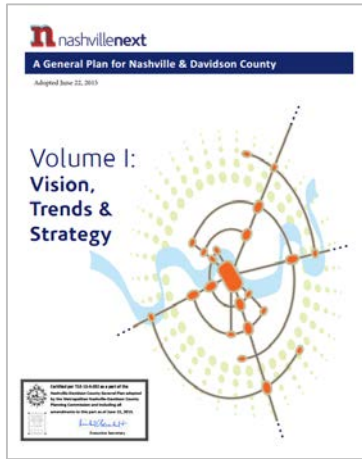
Steering Committee (Coordination)

- Interagency Members
- Metro Dept of Education
- Nashville Electric Service
- Metro Police and Fire
- Metro Transit Authority
- Metro Parks
- Metro Health Department
- Metro Legal Department
- Metro Development and Housing

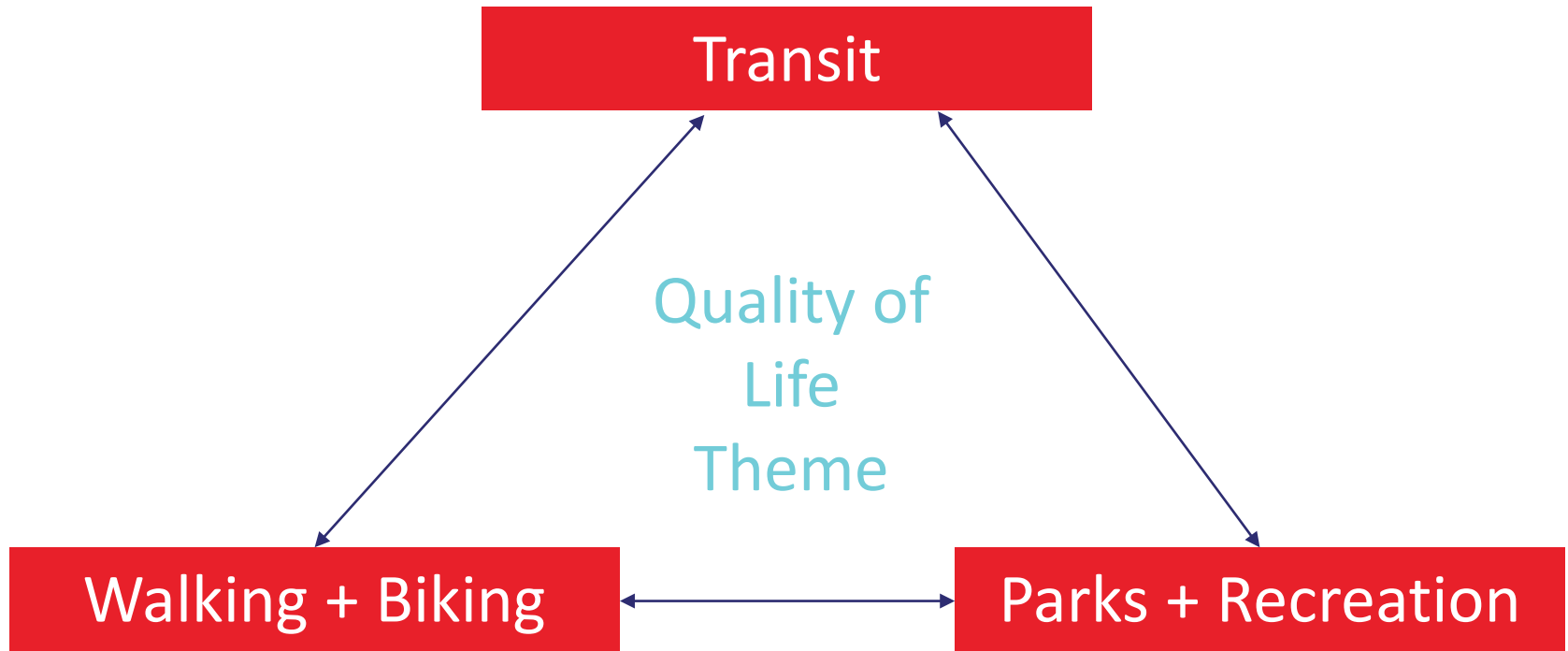
Citizens' Advisory Committee (CAC)

- Neighborhood Associations
- Bicycle Clubs
- Disabled Citizens
- Concerned Citizens

Previous Planning Efforts



Current Planning Efforts



Walking and Biking in Nashville: BFC Feedback Report



CATEGORY SCORES

ENGINEERING

Bicycle network and connectivity

5 / 10

EDUCATION

Motorist awareness and bicycling skills

4 / 10

ENCOURAGEMENT

Mainstreaming bicycling culture

7 / 10

ENFORCEMENT

Promoting safety and protecting bicyclists' rights

5 / 10

EVALUATION & PLANNING

Setting targets and having a plan

5 / 10

Walking and Biking in Nashville: BFC Feedback Report



KEY STEPS TO SILVER



- » Adopt a Vision Zero policy.
- » Continue to increase the amount of high quality bicycle parking throughout the community, particularly at retail destinations, multi-family housing, public housing and key suburban bus stops. Adopt a policy that requires bike parking for all new and existing developments county wide.
- » Continue to strategically expand and upgrade the bike network, especially along arterials and outside the urban core, through the use of different types of bicycle facilities. Focus on connecting existing facilities. On roads where automobile speeds exceed 35 mph, it is recommended to provide protected bicycle infrastructure.
- » Make intersections, highway entry and exit points and path

crossings safer and more comfortable for cyclists.

- » Update the Sidewalk and Bicycle Plan.
- » Bicycle-safety education should be a routine part of primary and secondary education. Work with your local bicycle groups and interested parents to develop a unified Safe Routes to School program for all schools.
- » Make cyclist and pedestrian safety a much greater emphasis for law enforcement and the district attorney.
- » Encourage Vanderbilt University, Belmont University, Tennessee State University and other local institutions of higher education to promote cycling to students, staff, and faculty and to seek recognition through the Bicycle Friendly University program.

Project Schedule

February	Project Kickoff Meeting
March	Existing Facilities Analysis Committee Kick-Off Meeting (Today)
April	Public Kick-Off Meeting Committee Meeting #2 - Analysis
May	Tour de Nash Committee Meeting #3 – Metro Sidewalk and Bikeway Program/Peer City
June	Prioritization + Analysis
July	Community Prioritization Meetings Committee Meeting #4 – Prioritization Results
August	Open Streets Nashville Committee Meeting #5 - Implementation
September	Public Open House
October	Public review + comment
November	Adoption Process Committee Meeting #6 – Next Steps
Dec/Jan	

Role of the Steering Committee

- Visioning and Goals
- Public/stakeholder engagement assistance
- Checkpoints throughout project
- Prioritization assistance
- Draft product review



Community Outreach

Outreach Tools

Project Website

Community Survey

Interactive Map

Handlebar and Sidewalk
Surveys

Social Media

Traditional Media

Community Meetings

Kickoff Meeting

Prioritization Meetings

Open House

Community Events

Tour de Nash

Open Streets Nashville

Project Deliverables

Community
Input
Summary

Peer/
Aspirational
City
+
Metro
Program
Report

Pedestrian/
Bike
Analysis

Data
Management
Strategy

Prioritization
of Proposed
Facilities
+
5 Year Work
Program

Programs
Action
Plan
+
10 Priority
Projects

Draft
Plan

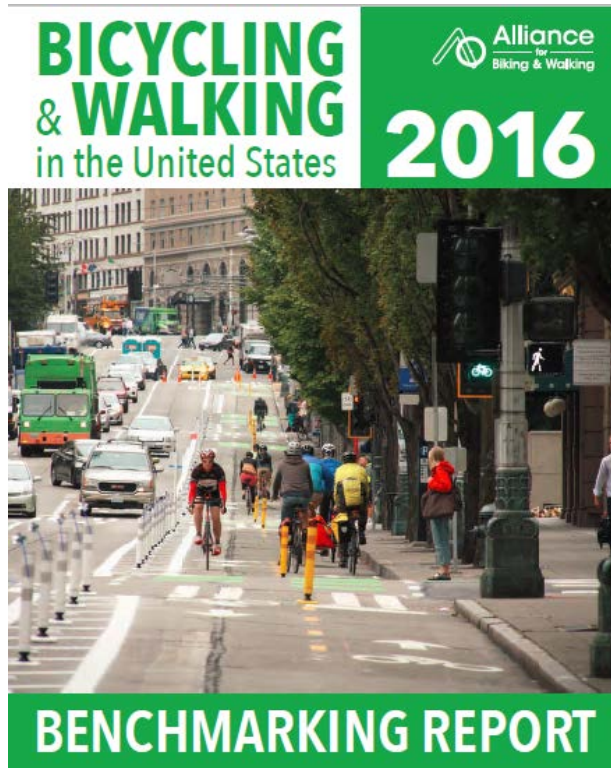
Final
Plan

National Trends



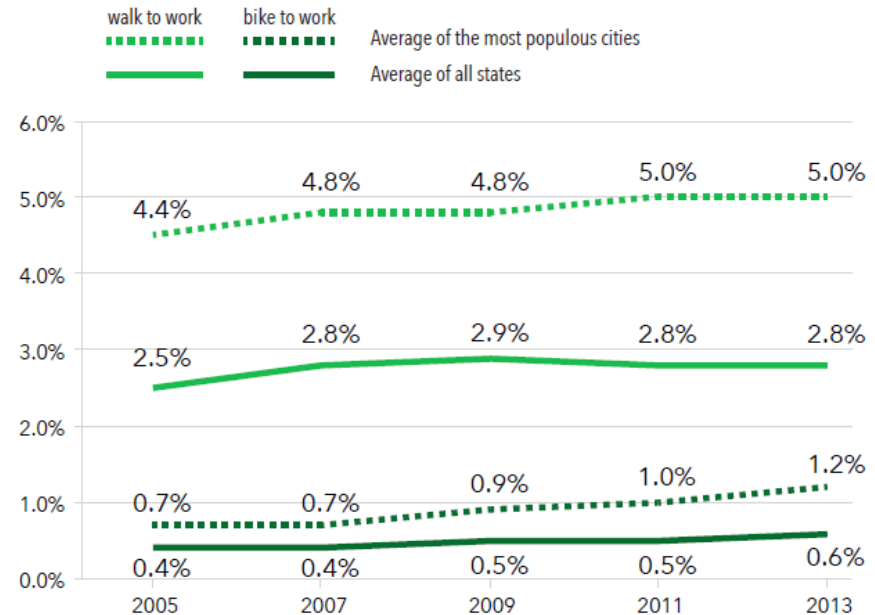
Walking and Biking Trends

Nationally: **Commuting**



U.S. Commuter Trends (2005-2013)

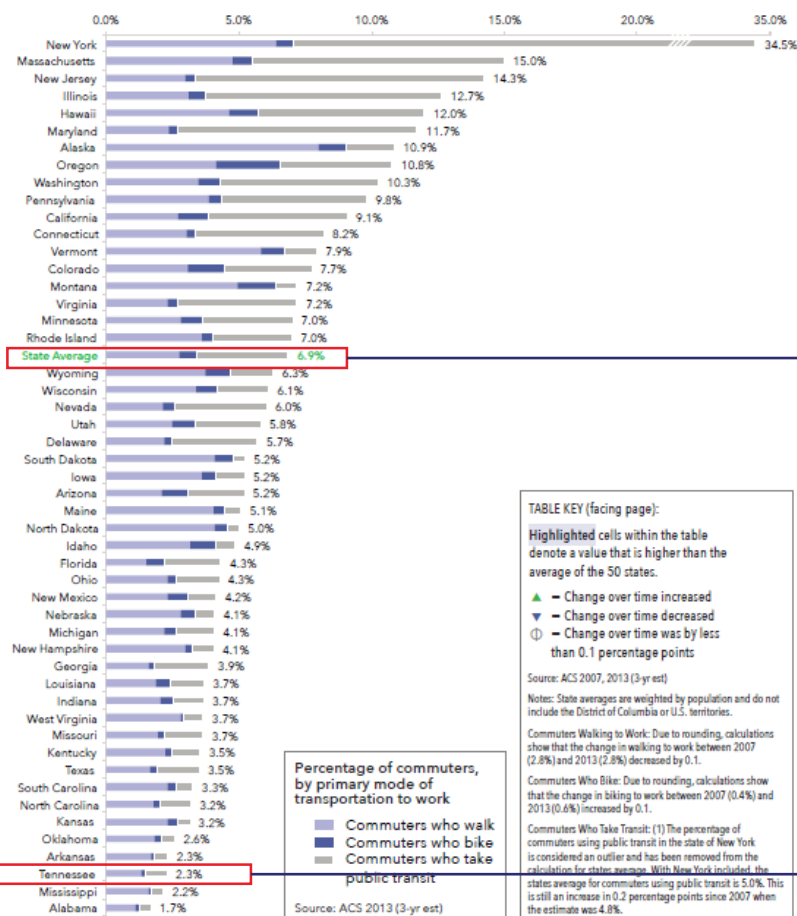
Percentage of commuters who...



Sources: ACS 2005 (1-yr est), ACS 2007, 2009, 2011, 2013 (3-yr est)

Walking and Biking Trends States: Commuting

Commuters Walking, Biking, and Taking Transit to Work



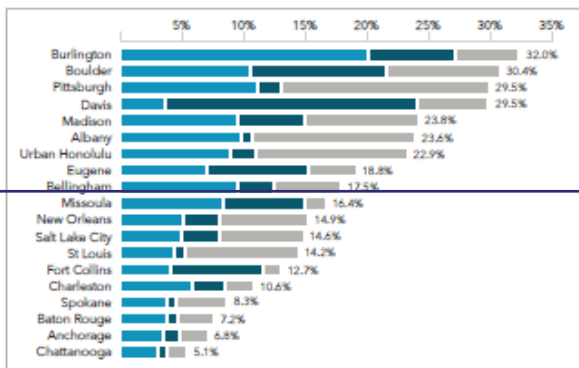
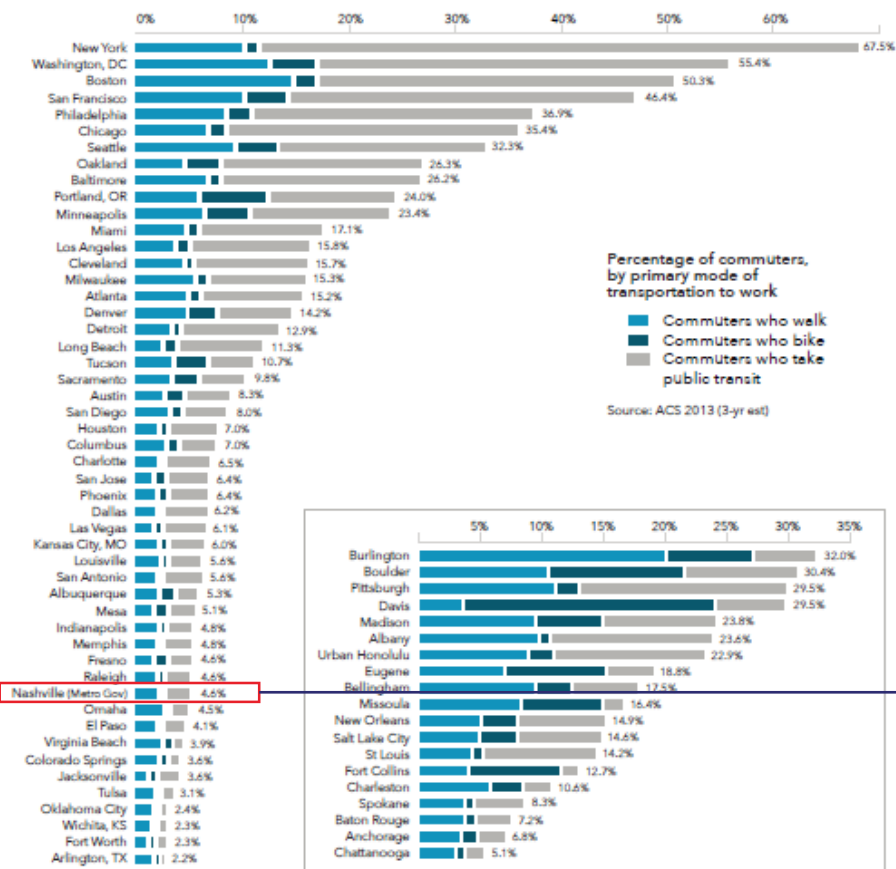
State Average: 6.9%

Tennessee: 2.3%
48

Walking and Biking Trends

Major US Cities: Commuting

Commuters Walking, Biking, and Taking Transit to Work in Large Cities

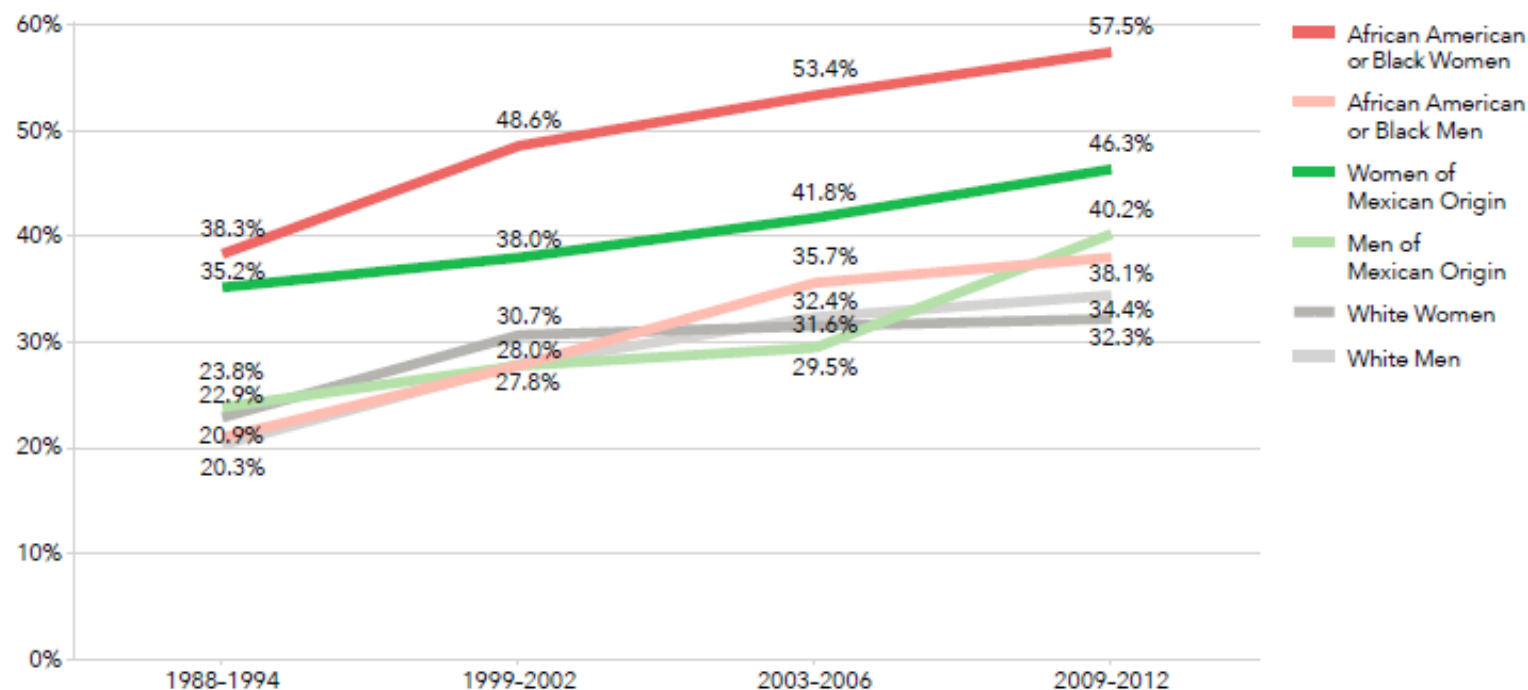


Nashville Metro: 4.6%

Walking and Biking Trends

Nationally: Health

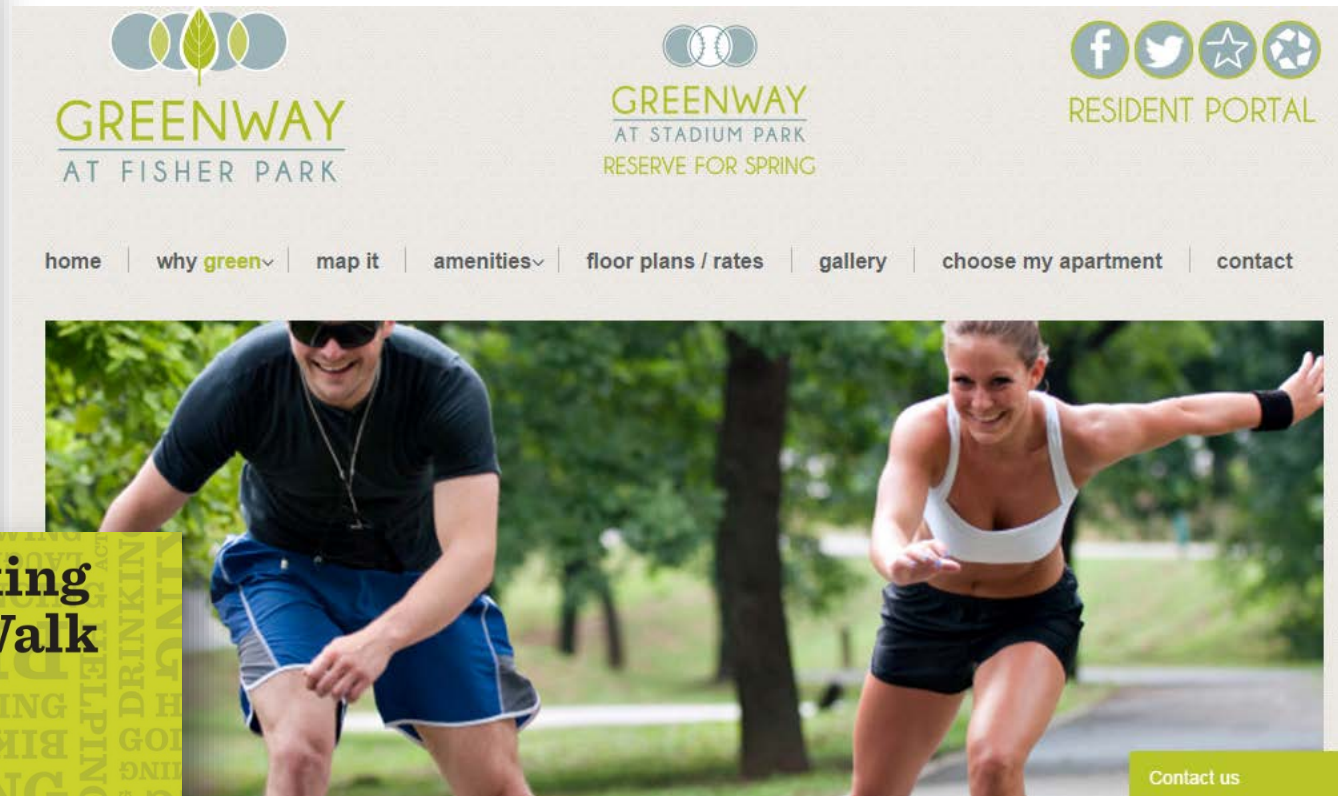
Percentage Obesity Among Adults, by Race and Ethnicity



Source: NCHS, 2015

Walking and Biking Trends

Nationally: Economic Development



Walking the Walk

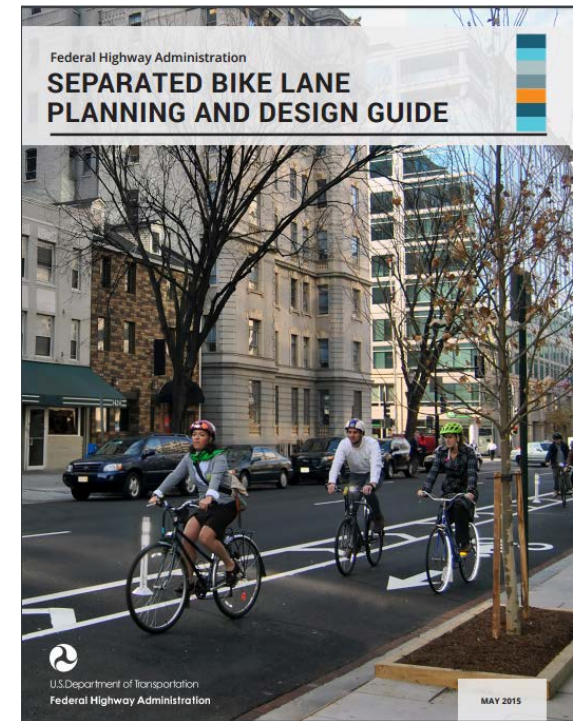
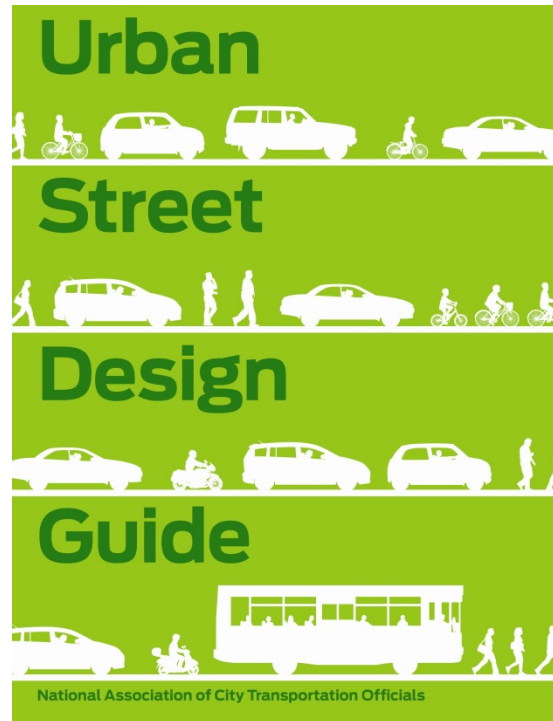
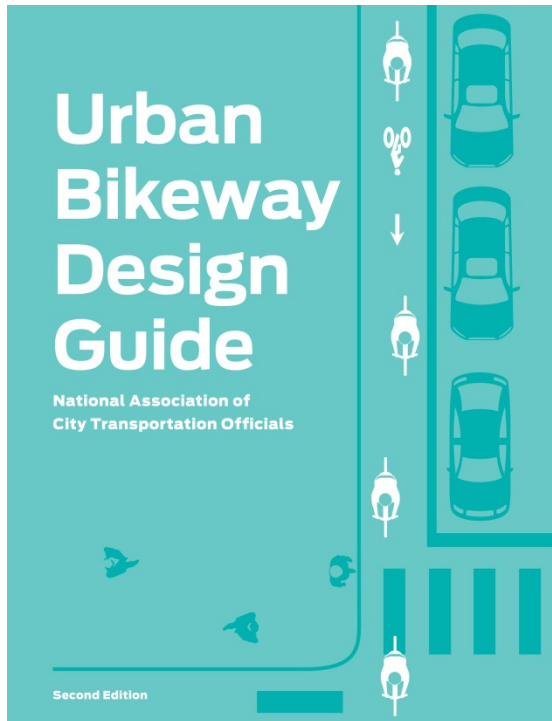
How Walkability
Raises Home Values
in U.S. Cities

Joe Cortright, Impresa, Inc.,
for CEOs for Cities
August 2009

CEOs
FOR CITIES
INSPIRE · CONNECT · SUCCEED

Walking and Biking Trends

Nationally: Design Guidance



HIGHLY EXPERIENCED (~1% OF POPULATION)

Characterized by bicyclists that will typically ride anywhere regardless of roadway conditions or weather. These bicyclists can ride faster than other user types, prefer direct routes and will typically choose roadway connections -- even if shared with vehicles -- over separate bicycle facilities such as shared use paths.



ENTHUSED AND CONFIDENT (~ 5-10% OF POPULATION)

This user group encompasses bicyclists who are fairly comfortable riding on all types of bikeways but usually choose low traffic streets or multi-use paths when available. These bicyclists may deviate from a more direct route in favor of a preferred facility type. This group includes all kinds of bicyclists such as commuters, recreationalists, racers and utilitarian bicyclists.



INTERESTED BUT CONCERNED (~ 60% OF POPULATION)

This user type comprises the bulk of the cycling population and represents bicyclists who typically only ride a bicycle on low traffic streets or multi-use trails under favorable weather conditions. These bicyclists perceive significant barriers to their increased use of cycling, specifically traffic and other safety issues. These people may become "Enthusied & Confident" with encouragement, education and experience.



NO WAY, NOW HOW (~ 30% OF POPULATION)

Persons in this category are not bicyclists, and perceive severe safety issues with riding in traffic. Some people in this group may eventually become more regular cyclists with time and education. A significant portion of these people will not ride a bicycle under any circumstances.



Walking and Biking Trends

Nationally: Separated Bikeways



Walking and Biking Trends Nationally: Tactical Urbanism



Group Discussion



Question #1

What will define a successful plan?

Question #2

What does it mean to walk and bike in Nashville?

Now?

In the future?

Question #3

Who is our design user?

Walking?

Biking?

Next Steps: Outreach Tool Launch

www.nashvillewalknbike.com

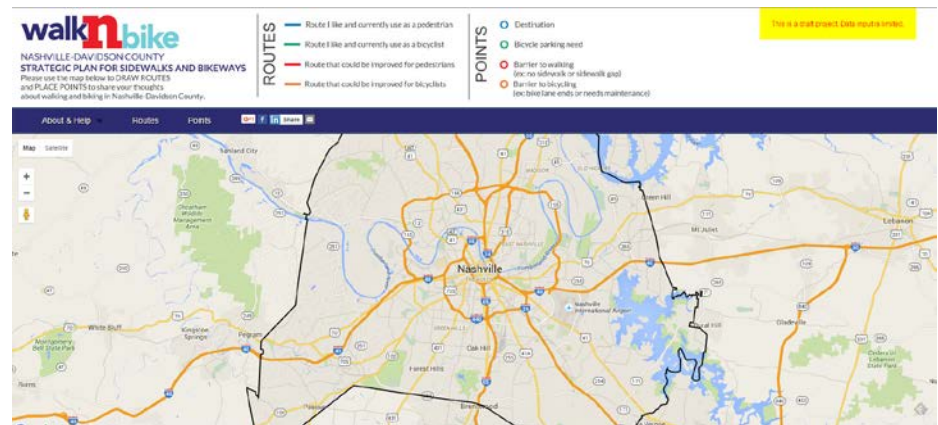


Please join us for our
PUBLIC KICKOFF MEETING
April
Exact date and location to be
posted soon.

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-Mayor Barry

During NashvilleNext and reMotion, Nashville's leaders heard the demand to improve walking and biking. Mayor Megan Barry is committed to meeting the need for more sidewalks and bikeways. WalknBike upgrades the Strategic Plan for Sidewalks and Bikeways with a robust public engagement process, evaluation of peer and aspirational cities, updated GIS inventory of Davidson County's Sidewalk and Bikeways, modernized project prioritization, a comprehensive funding strategy, and new tools to provide easier access to information about implementation and program progress. This year-long process depends on your input. Help Nashville prioritize strategic, equitable investment in sidewalks and bikeways. Stay connected for ways to engage and participate in the development of WalknBike!

THE PHASES OF THE PLAN



Next Steps: Upcoming Meetings

Public Kickoff Meeting

+

Steering Committee Meeting #2

Thank You!

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