



**Pedestrian and Bicycle
Information Center**

Health and Transportation Partnerships: Agency Structures for Collaboration

PBIC Health + Transportation Webinar Series, Part 2

Sagar Shah American Planning Association

Karma E. Harris National Association of Chronic Disease Directors / Walkability Action Institute

Sarah Shaughnessy Richmond City Health Department

Ryan Dusil North Front Range MPO

Katie Guthrie City of Loveland

Housekeeping

- ⇒ Submit your questions
- ⇒ Webinar archive: www.pedbikeinfo.org/webinars
- ⇒ Live transcript: www.streamtext.net/player?event=HSRC
- ⇒ Certificates and professional development hours
- ⇒ Follow-up email later today
- ⇒ Review [previous episodes](#) and [sign up for upcoming sessions](#)



Pedestrian and Bicycle Information Center

Webinar Series

Health and Transportation

Oct. 13: Confronting Power and Privilege for Equity

Oct. 15: Agency Structures for Collaboration

Oct. 22: Integrating Health Data

Oct. 27: Planning and Prioritizing Projects

Oct. 28: Bringing Health to Transportation Policy

#PBICWebinar

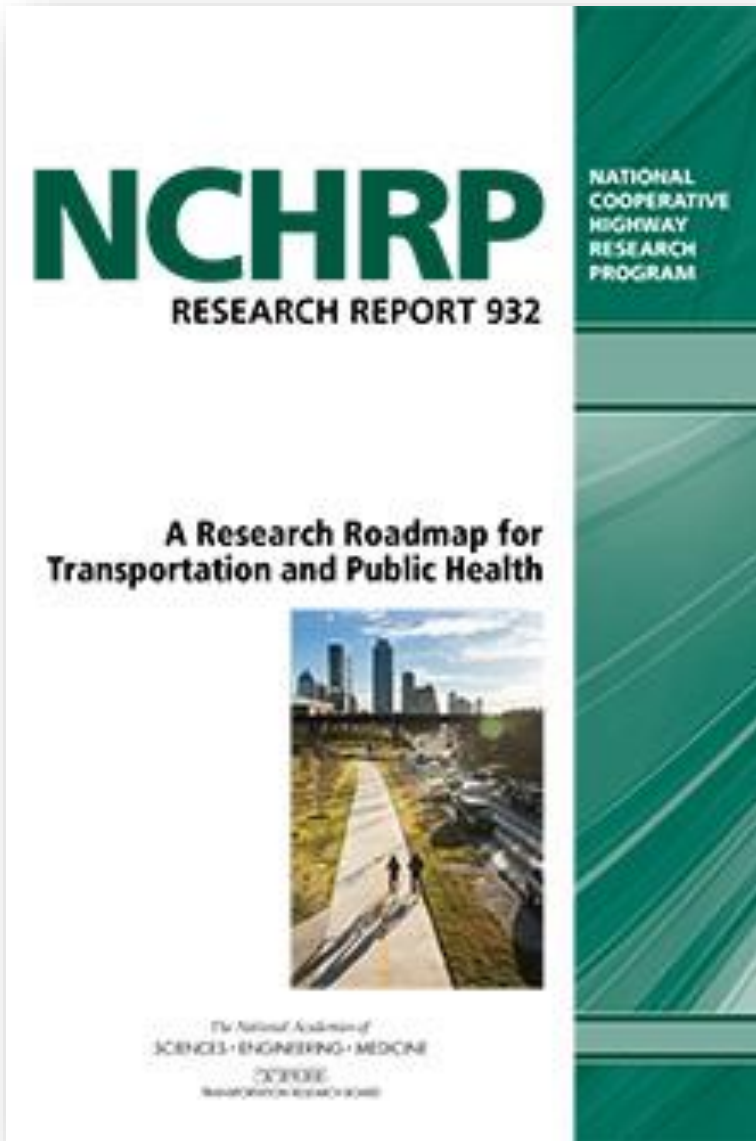


pedbikeinfo.org

[f](#) [t](#) [v](#) @pedbikeinfo

Transportation and health intersect in many ways





Series Motivation

- ⇒ How are health and equity defined within the transportation community?
- ⇒ How can transportation practices impact health?
- ⇒ In what ways are transportation agencies considering health in current practices?
- ⇒ What partnerships, research, and other resources are needed to improve practice?

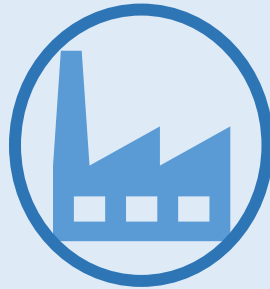
Pathways to Health



**Improving
access to
opportunities
and services**



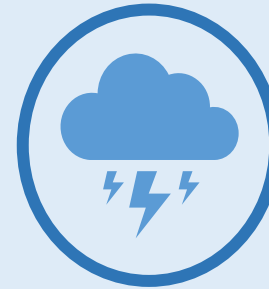
**Providing
opportunities
for physical
activity**



**Mitigating
human
exposure to
environmental
risks (air and
noise
pollution)**



**Preventing
injuries and
improving
safety**



**Supporting
resiliency to
disaster and
extreme
weather
events**



**Promoting
community
connectedness
and vitality**

Meet the Panel



Sagar Shah

**American Planning
Association**



Karma E. Harris

**National Association of
Chronic Disease Directors,
Walkability Action
Institute**



Sarah Shaughnessy

**Richmond City Health
Department**



Ryan Dusil

North Front Range MPO



Katie Guthrie

City of Loveland

HEALTH AND TRANSPORTATION

Webinar Series
October 15, 2020



Sagar Shah, PhD, AICP

Planning and Community Health Manager
American Planning Association (APA)
sshah@planning.org



American Planning Association
Making Great Communities Happen

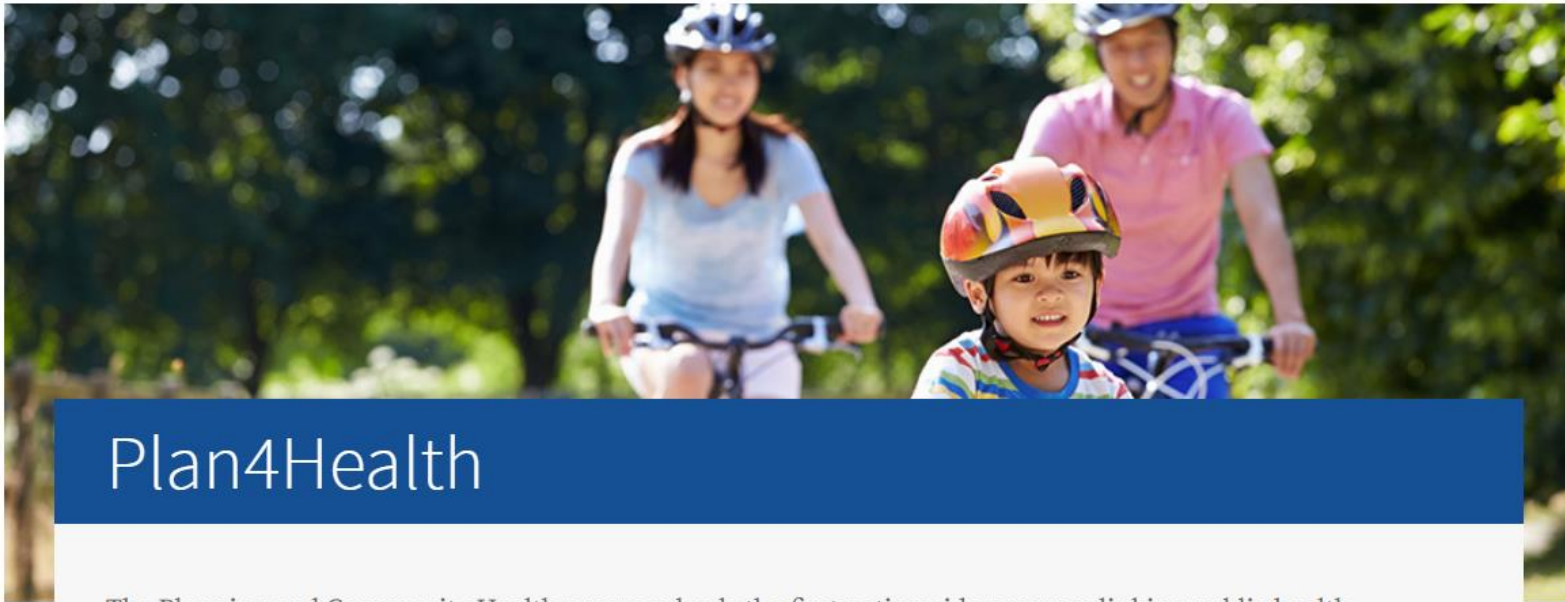
PLANNING AND COMMUNITY HEALTH

APA's Planning and Community Health (PCH) program provides tools, educational materials, technical support to members so they can integrate health and equity into planning practice at all levels.

[Home](#) > [Knowledge Center](#) > [Applied Research](#) >



Planning and Community Health



Plan4Health

The Planning and Community Health program leads the first nationwide program linking public health and planning practice.

[Learn More](#)

EXAMPLES OF PAST PROJECTS

ACTIVE LIVING



THE BENEFITS OF STREET-SCALE FEATURES FOR WALKING AND BIKING



Health Impact Assessment Toolkit for Planners



HIA TOOLKIT

September 2016



PAS Essential INFO PAC

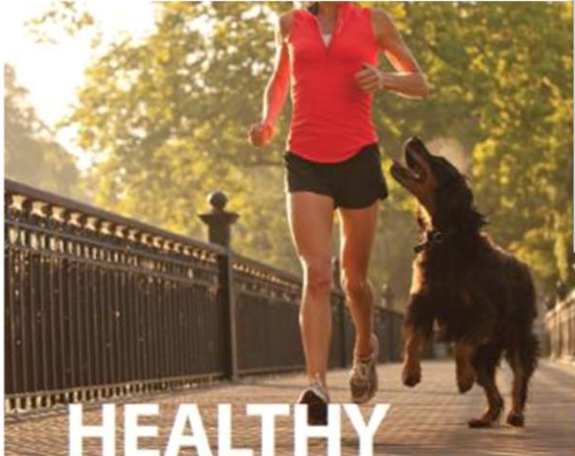
Planning & Zoning for Health in the Built Environment

The Planning Advisory Service (PAS) researchers are pleased to provide you with information from our world-class planning library. This packet represents a typical collection of documents PAS provides in response to research inquiries from our subscribers. For more information about PAS visit www.planning.org/pas.



PLAN4Health

An American Planning Association Project



HEALTHY PLANNING

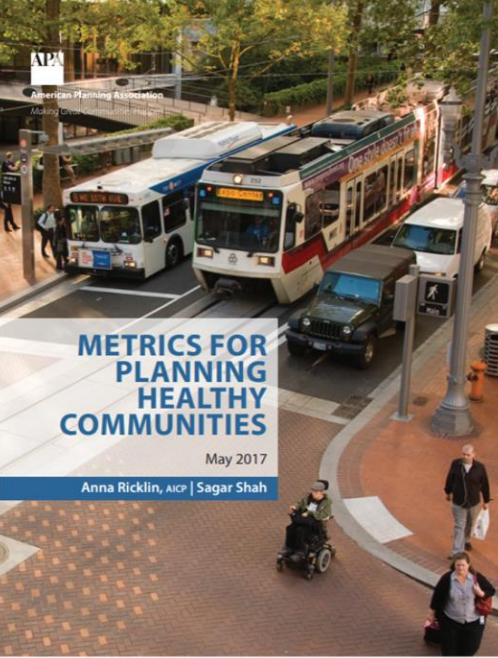
An evaluation of comprehensive and sustainability plans addressing public health



PLANNING FOR FOOD ACCESS AND COMMUNITY-BASED FOOD SYSTEMS:

A National Scan and Evaluation of Local Comprehensive and Sustainability Plans

Kimberley Hodgson



METRICS FOR PLANNING HEALTHY COMMUNITIES

May 2017

Anna Ricklin, AICP | Sagar Shah

COALITIONS STRIVING TO INCREASE
ACCESS TO HEALTH AND NUTRITION

PLACE BASED WORK



THE BENEFITS OF
STREET-SCALE FEATURES
FOR WALKING AND BIKING

APA
American Planning Association
Making Great Communities Happen

[Home](#) > [Knowledge Center](#) > [Multimedia](#) > [Blog](#) >

Planning and the Opioid Epidemic



[Bookmark This Page](#) | [My Bookmarks](#)



TRAINING & EDUCATION

APPLIED RESEARCH

TYPE OF WORK

DOMAINS FOR PLANNING HEALTHY COMMUNITIES



ENVIRONMENTAL EXPOSURES



ACTIVE LIVING



SOCIAL COHESION



EMERGENCY PREPAREDNESS



FOOD SYSTEM

DOMAINS FOR PLANNING HEALTHY COMMUNITIES

1. Active Living

- Active transportation, Recreation, Traffic safety

2. Healthy Food System

- Access, Production

3. Environmental Exposures

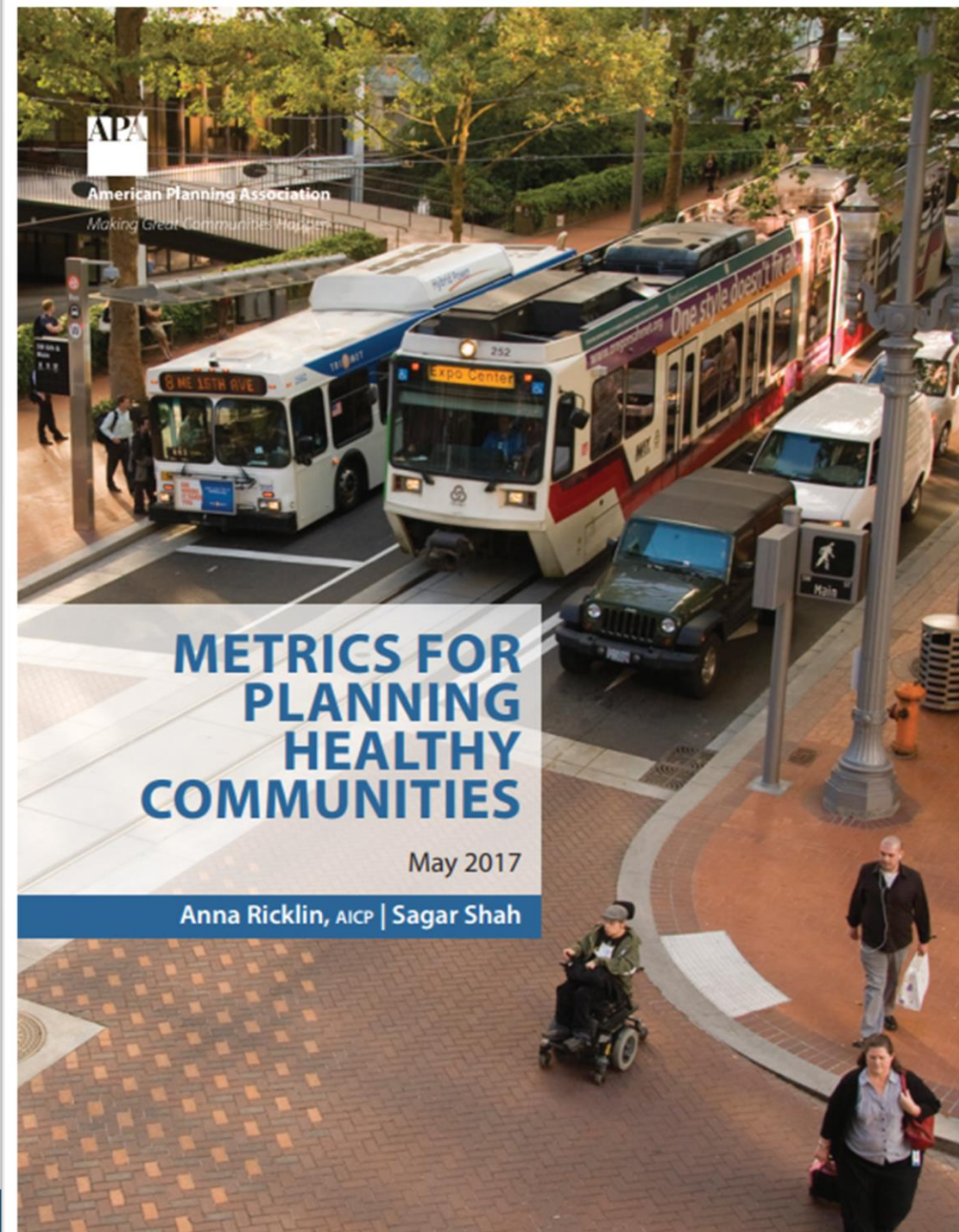
- Air quality, Water quality, Soil contamination

4. Emergency Preparedness

- Natural hazards, Climate change, Infectious disease

5. Social Cohesion

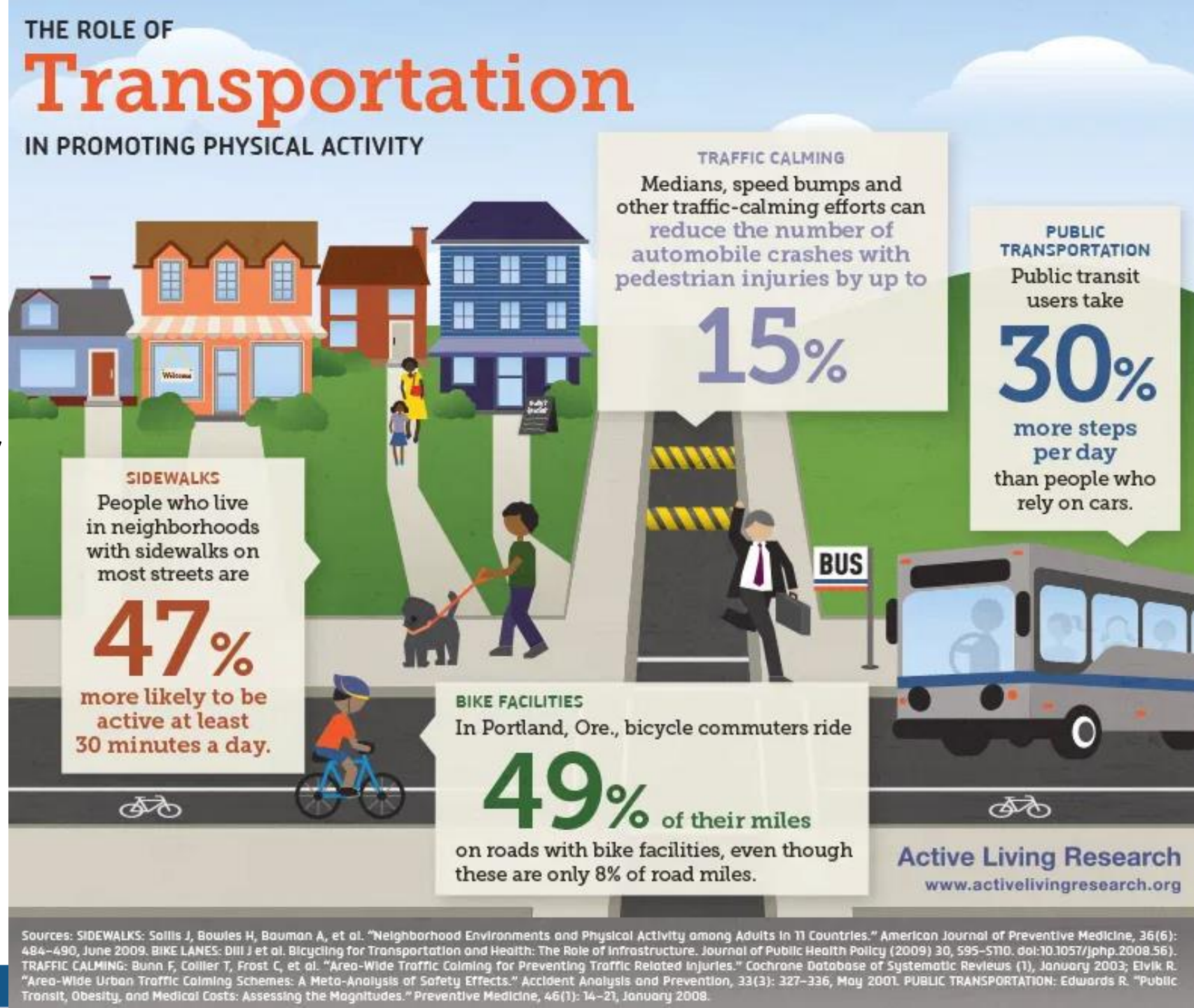
- Green infrastructure, Housing and community development, Public safety



TRANSPORTATION AND HEALTH NEXUS

- Air pollution
- Traffic crashes
- Physical activity

Equity



EXAMPLE OF PROJECTS...

- A Research Roadmap for Transportation and Public Health
 - Develop 10-year strategic research roadmap
- Guide to Creating Everyday Destinations
 - Help planners, public health, and allied professions create destinations in small communities



INVOLVED IN ONGOING DISCUSSION ON PRACTICE AND RESEARCH

- Physical Activity Policy Research and Evaluation Network
- Physical Activity Alliance's Standing committee for the Transportation, Land Use, and Community Design Sector
- National Academy of Science's Community Support for Physical Activity Working Group
- TRB Committee on Transportation and Health



Promote Healthy Communities

Joint Call to Action



PARTNERING TO IMPLEMENT THE JOINT CALL TO ACTION

The organizations involved in this Joint Call to Action represent many, but not all, of the individual practitioners who contribute to creating healthy communities. We encourage our members to partner with members of other organizations to facilitate the creation of healthier environments and to make health a primary consideration in land use, design, and development practice.

For members of the American Institute of Architects, American Planning Association, American Public Health Association, American Society of Civil Engineers, American Society of Landscape Architects, National Recreation and Park Association, U.S. Green Building Council, and Urban Land Institute.

THE IMPERATIVE FOR HEALTHIER PLACES

Where we live, work, and play has a major role in shaping our health. Rates of chronic diseases attributable to the design of the built environment—including obesity, diabetes, heart disease, and asthma—are on the rise. The built environment also has direct and indirect impacts on mental health, including depression and anxiety. This is true for everyone, but is felt even more among vulnerable populations, who are less likely to have access to nutritious, affordable food and opportunities for physical activity and are more likely to be exposed to environmental pollutants and circumstances that increase stress.

Addressing growing health challenges and inequities requires new partnerships and collaboration between built environment and public health practitioners, and a health-focused approach to landscapes, buildings, and infrastructure. As signatory organizations to this Joint Call to Action, we encourage our combined 450,000 individual members to embrace collaboration across professions to promote healthier, more equitable communities. When professionals in the fields of the built environment and public health work together, we multiply our potential to improve health.

We, the signatory organizations, challenge our members—comprising architects, urban planners, landscape architects, developers, engineers, and professionals from public health, parks, and green building—to do the following:



**The American
Institute
of Architects**



American Planning Association
Making Great Communities Happen



AMERICAN PUBLIC HEALTH ASSOCIATION
For science. For practice. For health.



AMERICAN SOCIETY OF CIVIL ENGINEERS



**AMERICAN
SOCIETY OF
LANDSCAPE
ARCHITECTS**



NRPA
National Recreation
and Park Association



**Urban Land
Institute**

BUILD RELATIONSHIPS:

CREATE AND FOSTER PARTNERSHIPS THAT ADVANCE HEALTH

- Establish integrated project development teams that include partners from the Joint Call to Action signatory organizations to focus on health.
- Engage with community members, form coalitions, and collaborate with organizations to understand health challenges and devise strategies to address them.
- Engage with government officials at the local, regional, state, and federal levels to encourage policy makers to prioritize community health and reduction of chronic disease through investments in the built environment.
- Seek opportunities to build relationships through events and continuing education sessions hosted by the signatory organizations and other professional organizations.

ESTABLISH HEALTH GOALS:

BUILD AN UNDERSTANDING OF HEALTH DATA AND ESTABLISH MEASURABLE HEALTH OBJECTIVES FOR PLANS AND PROJECTS

- Use health evidence and community input to understand public health challenges and opportunities.
- Anticipate the short- and long-term impacts of decisions regarding the built environment on the health of residents, visitors, and the community at large by establishing improved health as a primary project or plan goal.
- Establish metrics for health and well-being concurrently with other project goals and measure health impacts and outcomes after projects are completed.
- Devise strategies to improve health during the entire life cycle of project planning, design, construction, operations and maintenance, and programming through cross-disciplinary project teams.

IMPLEMENT STRATEGIES TO IMPROVE HEALTH:

ADVANCE POLICIES, PROGRAMS, AND SYSTEMS THAT PROMOTE COMMUNITY HEALTH, WELL-BEING, AND EQUITY

- Advocate for and adopt voluntary codes, policies, and guidelines that promote physical and mental health for people of all ages, abilities, and incomes.
- Implement planning and development solutions that improve opportunities for physical activity, access to healthy food, healthy indoor and outdoor environments, and social connectedness.
- Establish internal organizational policies that promote health within workforces, including worksite safety and workplace wellness programs.
- Work with your national organization to integrate health into certification programs and industry standards for the design and operation of buildings and communities.

SHARE EXPERTISE:

COMMUNICATE THE IMPORTANCE OF HEALTH

- Share stories about successful health-promotion efforts and emphasize health as part of project marketing campaigns.
- Articulate opportunities to improve health and social equity as it relates to your profession when engaging with colleagues, clients, and the public.
- Participate in and collaborate on public awareness and education campaigns to promote healthy communities, including campaigns related to sustainability and community resilience.
- Join local advisory boards and nonprofit organizations to support efforts to build or establish health-promoting civic investments, including those in parks, schools, and libraries.



American Planning Association

Making Great Communities Happen

Sagar Shah, PhD, AICP

sshah@planning.org

NACDD's Walkability Action Institute

Karma E. Harris, MSPH
October 15, 2020

**UNC Highway Safety Research Center
Health and Transportation Partnerships:
Agency Collaboration/HiAP Approaches**



Greetings from NACDD!



Karma E. Harris, MSPH

- **Public Health Consultant**
- **Walkability Lead**
- **Inclusive Healthy Communities Lead**
- **Triathlete**
- **If communities are *made* for *all* of us, then *none* of us are *left out***



**Regions and Local
Communities
(120 since 2008)**

**State Health
Departments
(7,000+ members)**

**Walkability and
Healthy Communities**

**Disease Specific
and
Addressing Risk Factors**

**All Things
Chronic
Disease
Prevention**

42!!!

**Staff Headquarters in
Decatur, GA**

**SME Consultants
Remotely Located**

Walkability Action Institute

With funding support and partnership with the CDC Division of
Nutrition, Physical Activity, and Obesity (DNPAO)



STEP IT UP!

EVERYONE CAN HELP
MAKE OUR COMMUNITIES
MORE WALKABLE



STEP IT UP!

Surgeon General's Call to Action to Promote Walking and Walkable Communities



Step it up! Help make your community more walkable. Learn how by visiting
www.SurgeonGeneral.gov



What are Built Environment Intervention Approaches?

Built environment intervention approaches to increase physical activity create or modify environmental characteristics in a community to make physical activity easier or more accessible. Intervention approaches must be designed to enhance opportunities for active transportation, leisure-time physical activity, or both. The CPSTF recommends intervention approaches that include one or more components from each of the boxes below.

Built Environment Approaches in Combination by Intervention Type

Pedestrian and Bicycle Transportation System Intervention Component	Land Use and Environment Design Intervention Component
<ul style="list-style-type: none">o Street pattern design and connectivityo Pedestrian infrastructureo Bicycle infrastructureo Public transit infrastructure and access	<ul style="list-style-type: none">o Mixed land useo Increasing residential densityo Proximity to community or neighborhood destinationso Parks and recreational facility access







ALL communities and states should be designed to support physical activity and active transportation for ALL people.





- Easy and affordable for most
- ~~Walkability~~ = **Moveability**
- Active = Accessible and inclusive for **all**
- Healthier, happier, vibrant
- We get the **why**, but what about the **HOW**?

What We Already Know



Premise of the WAI

Transition from the **"WHY"**
of why improving
walkability is important...



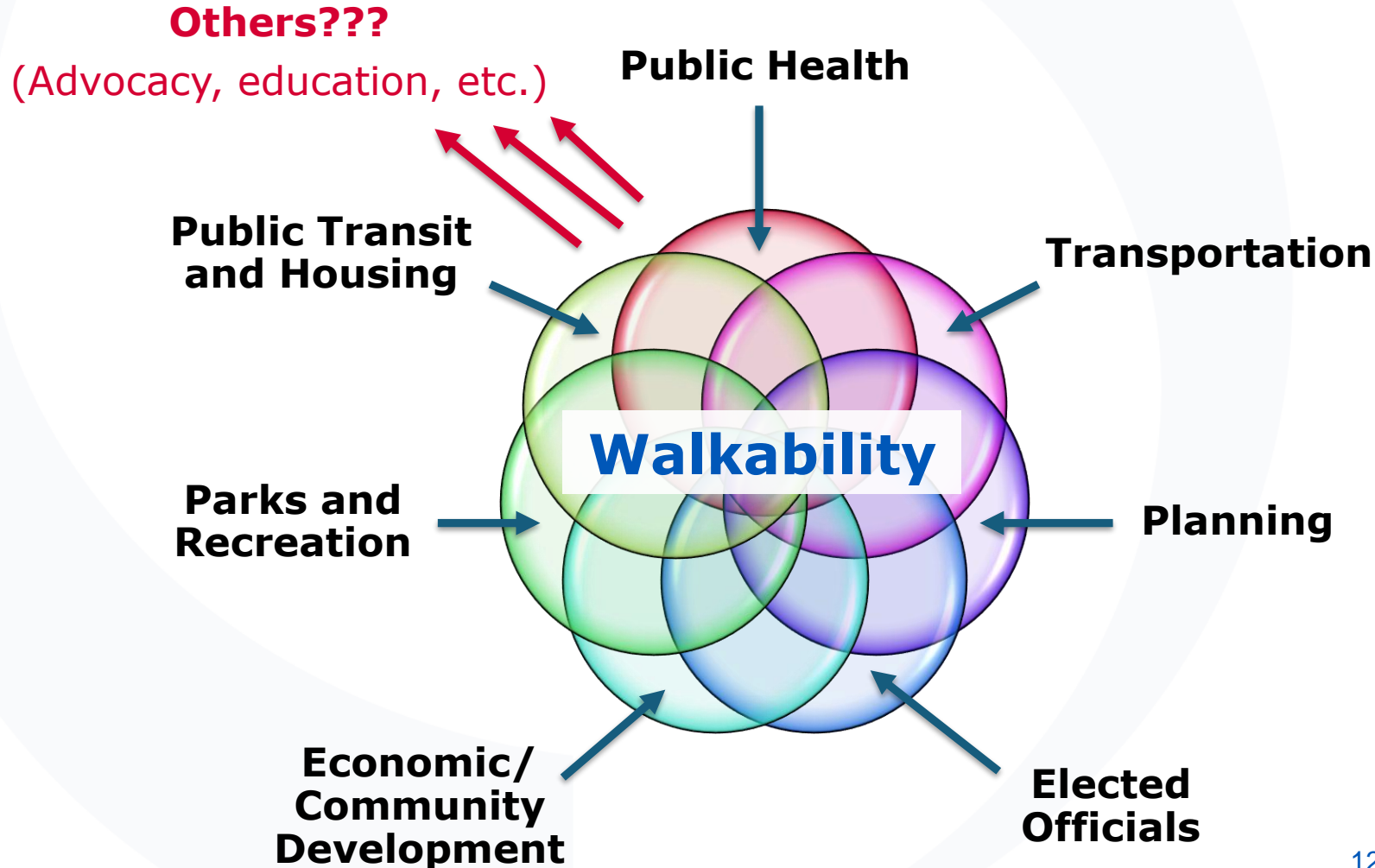
...to the **"HOW"** of how to
put walkability changes into
motion...



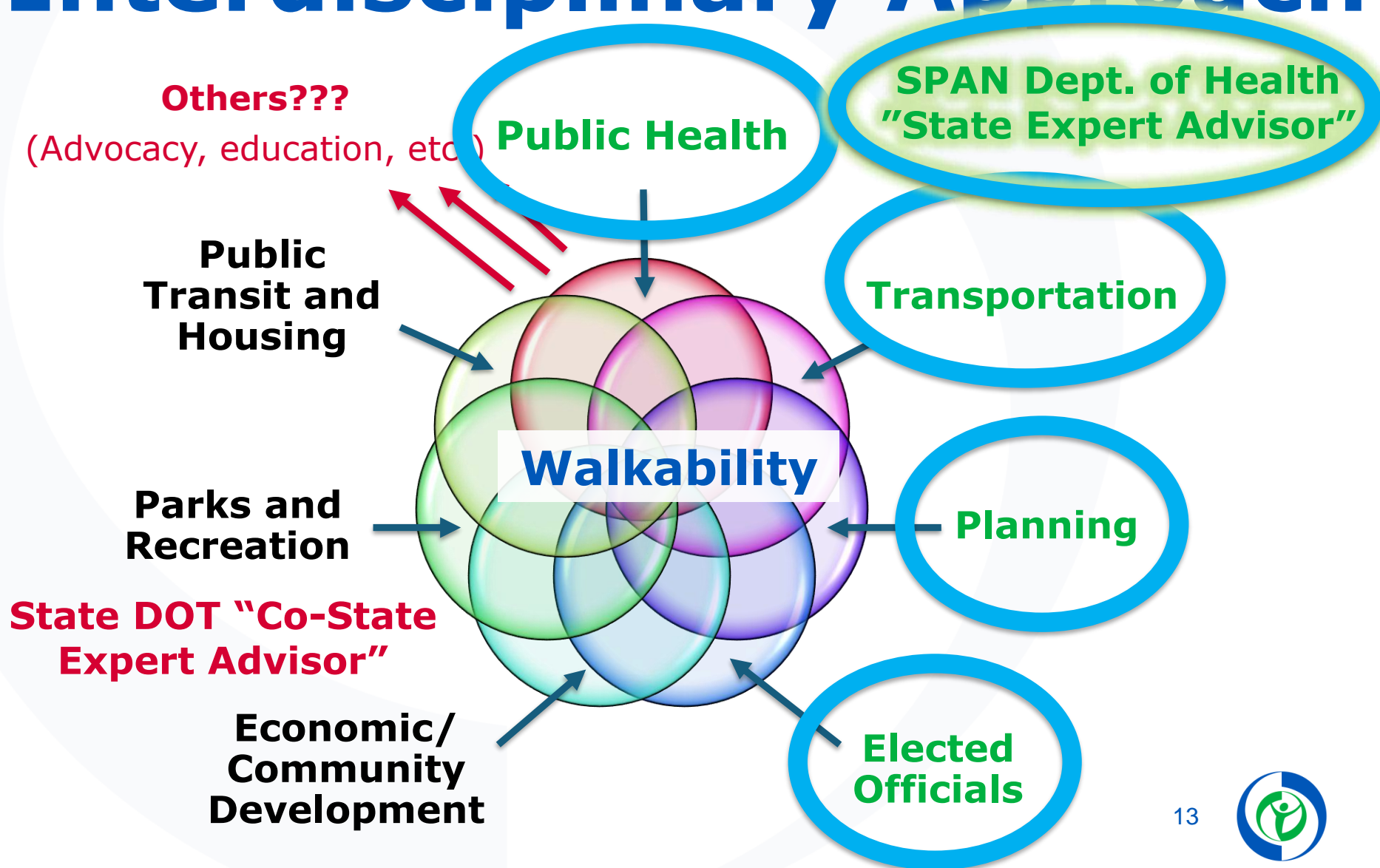
Making states and communities more healthy, walkable/moveable, and active is **NOT just a public health problem. It involves our friends in transportation, planning, and other diverse groups.**



Interdisciplinary Approach



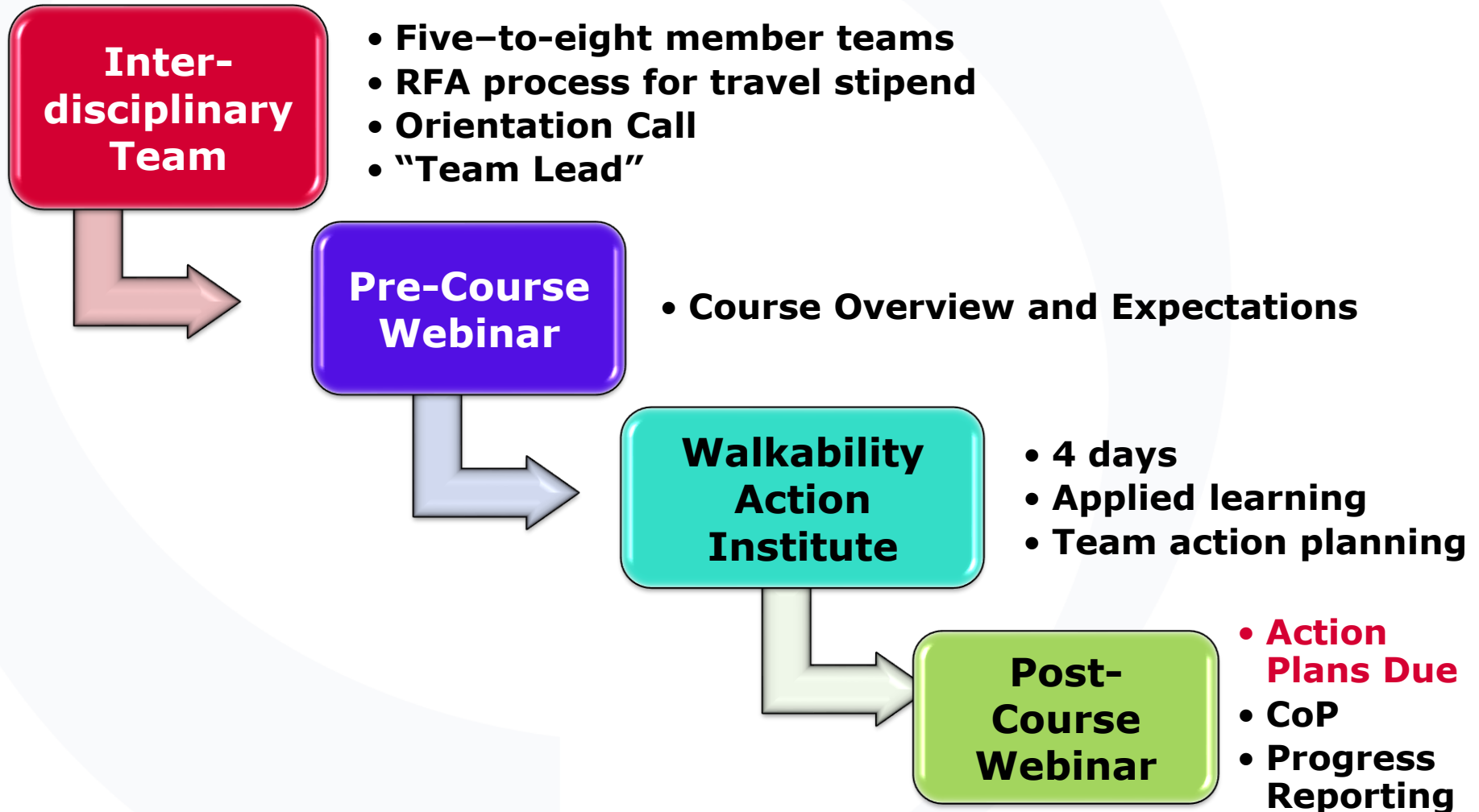
Interdisciplinary Approach



NACDD's Walkability Teams



WAI Project Deliverables



Learning Methods

- Traditional PPT lecture
- "Speed Dating" topic-specific roundtable discussions
- Discipline roundtable discussions
- Expert panels
- Team action planning time
- Applied outdoor learning (walk audits, scavenger hunts)
- Paired team discussions
- Pre- and post-course activities (bike tours, happy hours, walks, drawing sessions, etc.)



Course Content

- Walkability/Moveability
- Built design
- Interdisciplinary approaches and roles
- Arterials
- Road diets
- Traffic calming
- Beautification
- Functionality
- Place-based approaches
- Gentrification
- Disenfranchisement
- Social and environmental justice
- Equality vs equity
- Private sector interests
- Real estate
- Development
- Mixed Use
- Land Use

- Safe streets
- Complete Streets
- Safe routes to school
- Active transportation
- Universal design
- ADA transition
- Retrofitting sprawl
- Urban design
- Public transit
- Transit oriented development
- Tactical urbanism and pop-up demonstration projects
- Crime prevention through environmental design
- Changing the transportation planning and engineering paradigm
- Age friendly communities
- Active community environments
- Case studies
- COVID-19
- Racism



Equity Overlap

- Walkability/**Moveability**
- Built design
- Interdisciplinary approaches and roles
- Arterials
- Road diets
- Traffic calming
- **Beautification**
- **Functionality**
- **Place-based approaches**
- **Gentrification**
- **Disenfranchisement**
- **Social and environmental justice**
- **Equality vs equity**
- Private sector interests
- Real estate
- Development
- Mixed Use
- Land Use

- **Safe streets**
- Complete Streets
- Safe routes to school
- Active transportation
- **Universal design**
- **ADA transition**
- Retrofitting sprawl
- Urban design
- **Public transit**
- Transit oriented development
- Tactical urbanism and pop-up demonstration projects
- **Crime prevention through environmental design**
- Changing the transportation planning and engineering paradigm
- **Age friendly communities**
- Active community environments
- Case studies
- **COVID-19**
- **Racism**



Meet the Team ...

(DREAM TEAM Course Faculty)



Phil Bors, MPH



**Charles Brown,
MPA**



**Cathy Costakis,
MS**



**Karin Korb, MS,
CCF**



**Melissa Kraemer-
Badtke**



**Ian Lockwood,
PE**



**Hugh Morris, AICP,
LEED, MA**



**Mark Fenton,
MS**



Our Goals

- 1) **Know more** when you leave than when you arrived
- 2) Have **fun** 😊
- 3) **Best. Course. Ever.**





WAI Outcomes

WAI Successes:

Unofficial Updated Data

81 New Policies/Plans

**48 New Systems
Changes**

**195 New
Environmental
Changes**

**346 New PSE
Outcomes**

7 New Tools

11 New Resources

**688 New
TOTAL OUTCOMES**

**87 Additional
Outcomes in
Progress**

\$267,257,236!!!

**\$1,350,000 CDC
Funds**

198:1 Project ROI

**46,966,581 TOTAL
REACH**



Success Spotlights

Virginia and Colorado

VIRGINIA State Example

- **Two** Policy/Plan Changes ...
 - Facilitated bike/ped/AT policy adoption in two local locations
- **20** Non-PSE Outcomes ...
 - Developed and **SUSTAINED** statewide WAI model
- **591,015** Virginians
- **Current Focus:**
 - 3rd WAI cohort underway
 - Statewide Active Transportation Policy/Plan Scan with DOH/DOT
- Leveraged **\$294,861** ...
 - (we gave them \$0)



VIRGINIA State Example

Richmond, VA



- **Sarah Shaughnessy, Team Lead**
- Year 4 Cohort – 2018
- Complete Streets work:
 - Coalition in place
 - Vision Zero score card
 - Complete Streets recommendations and eventual development of regional toolkit
- Bike/Ped Master Planning



COLORADO State Example

- **FIVE** Policy/Plan Changes ...
 - Statewide policy directives on Complete Streets and Ped/Bike accommodations on all state highways (n=2)
 - SRTS strategic plan
 - Executive order for access and equity to parks
 - MOU among six state agencies working together, including DOH
- **Two** Systems Changes ...
 - Integrating active transportation within two state DOH divisions (Injury and Violence Prevention; Tobacco)
- **Eight** Non-PSE Outcomes ...
 - Economic impacts study
 - “Main Street” workshops
 - Rural walkability workshops
- **One new developed resources ...**
 - State guidebook on designing streets – *Colorado Downtown Streets*
 - won Congress for New Urbanism award on regulation reform
- **Three Additional Outcomes Still in Progress...**
- **5,800,000** Coloradoans
- Leveraged **\$34,085,000** ...
 - We gave them \$6,770
 - 5,035:1 ***project*** ROI



COLORADO State Example

Larimer/Weld
Counties, CO



- **Ryan Dusil (Team Lead) and Katie Guthrie**
- Year 5 Cohort – 2019
- Walk Audits and Walk Audit Program:
 - Engagement, prioritization, and recommendations for bike/ped built environment changes
- Equity recommendations for project prioritization
 - Creating bike/ped “set aside” \$’s for future projects
- Built Environment Leadership Team



Thank You!!!

Karma Harris, MSPH

Walkability and Healthy
Communities Lead,
NACDD

kedwards_ic@chronicdiseases.org

904-608-8315



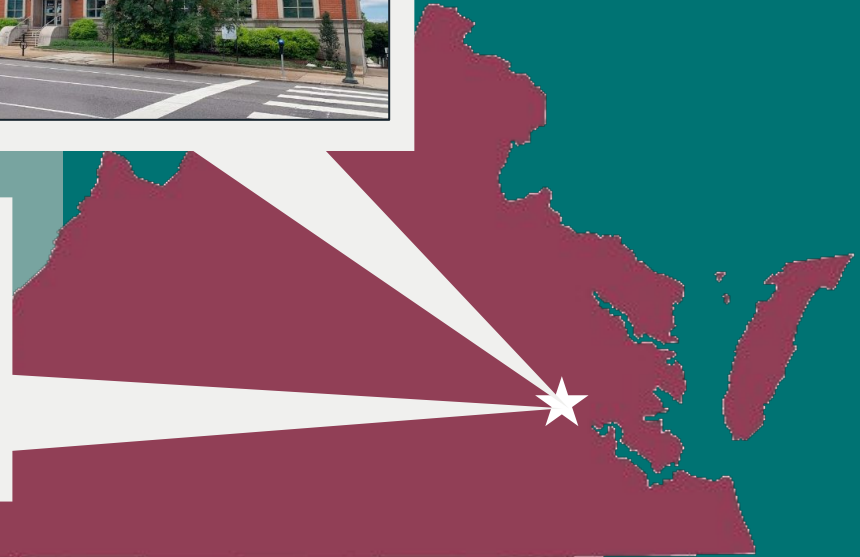


RICHMOND CITY
HEALTH DISTRICT

Getting Health in All Policies

Sarah Shaughnessy,
Richmond City Health Dept.
October 2020

Richmond City Health Dept.



What is Health in All Policies?

"Health in All Policies is an approach to public policies across sectors that systematically takes into account the health implications of decisions, seeks synergies, and avoids harmful health impacts, in order to improve population health and health equity."

- WHO

HiAP requires an understanding of

Trends

How have outcomes changed over time in specific geographic locations?

Root causes

What are the drivers of poor health outcomes? What are the root causes of those outcomes?

Interventions

In what ways can we intervene to address the causes of poor health outcomes as they related to the social determinants of health?

Collaboration

Given its complexity and interrelatedness, what partnerships are needed to be effective in this work?

Traditional Approach

Vulnerable populations

Single factor/social
problem

Focus on lifestyle

Risky behavior

Risk assessment

Find a cure

Intervention/treatment

HiAP Approach

Oppressed populations

Systems focus

Social responsibility

Cases of risky conditions

Alternatives assessment

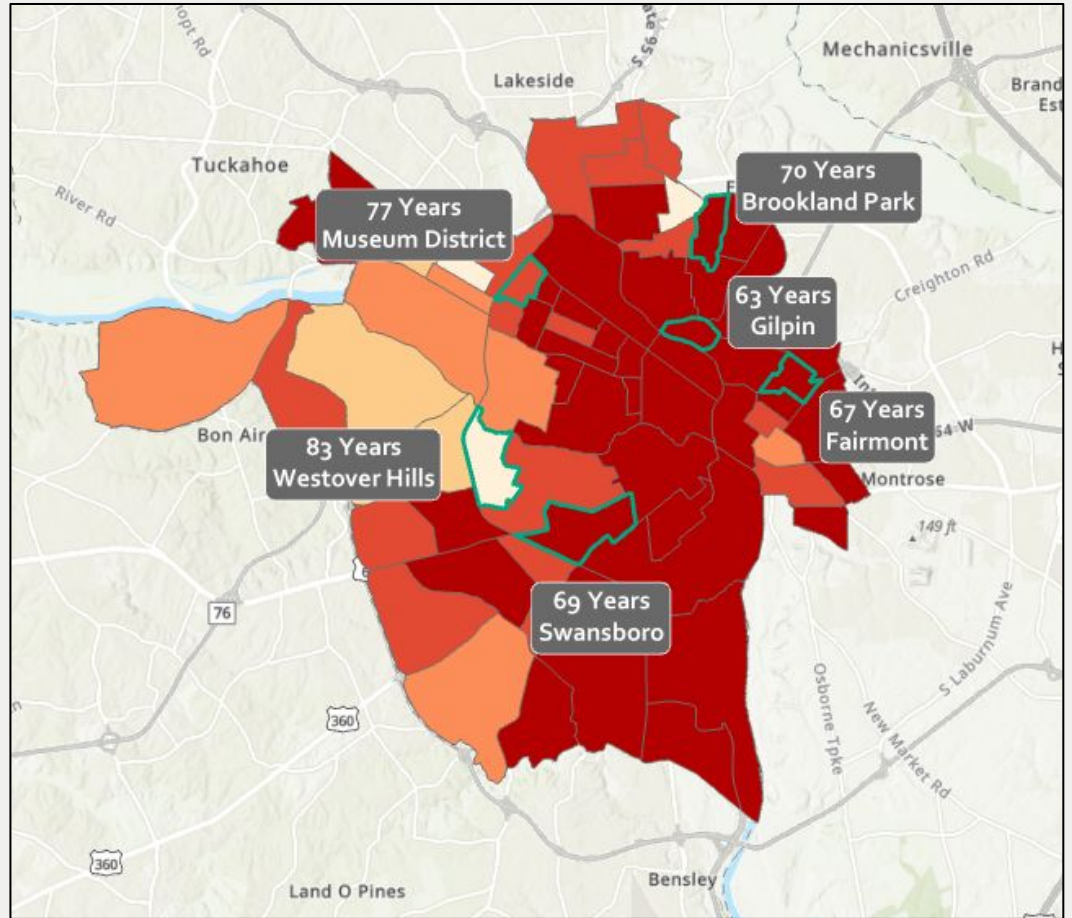
Find a cause

Systemic change

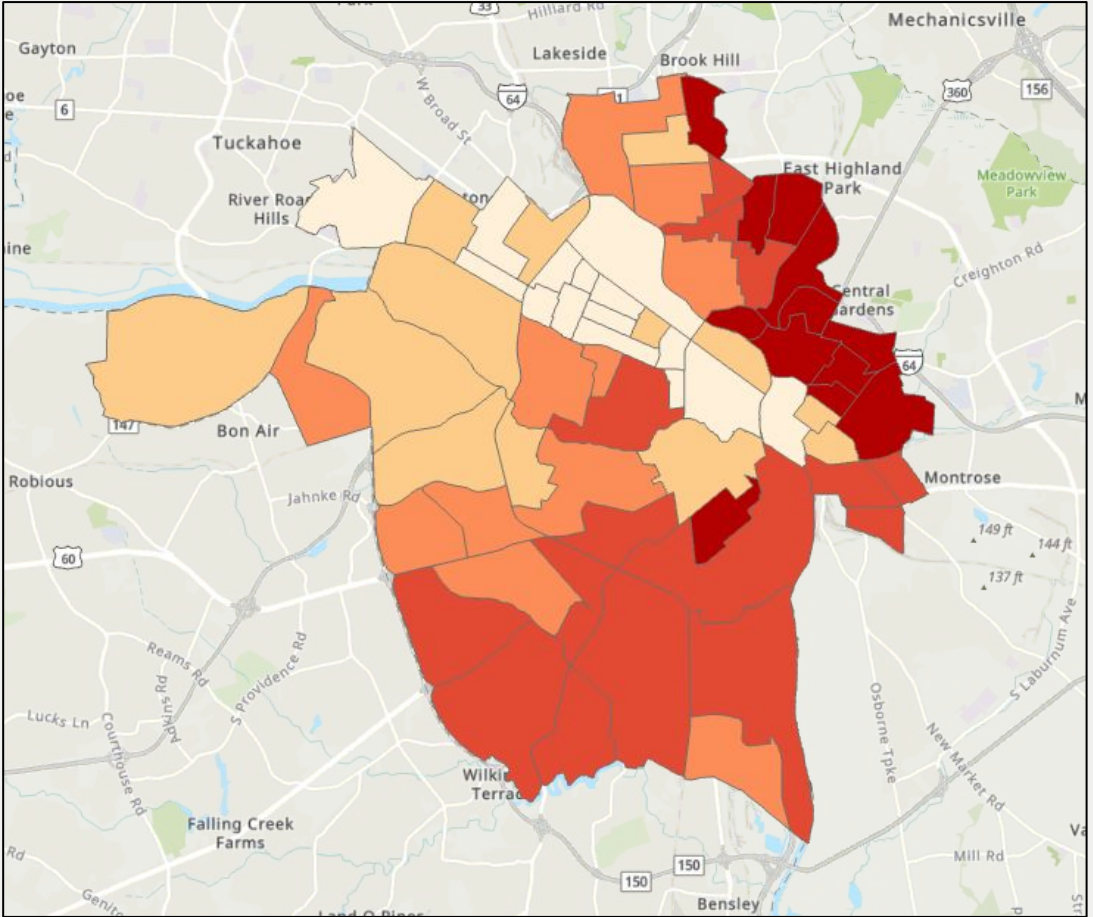


Richmond: A Tale of 2 Cities

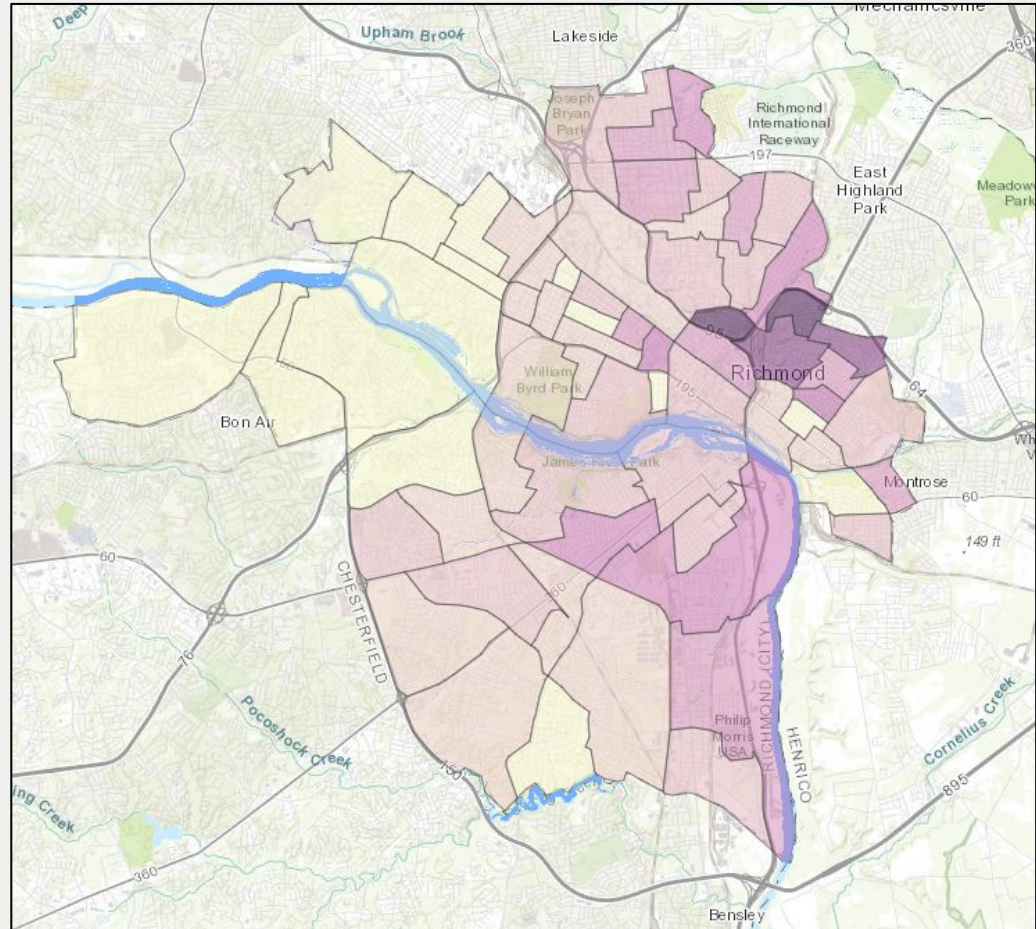
Life Expectancy



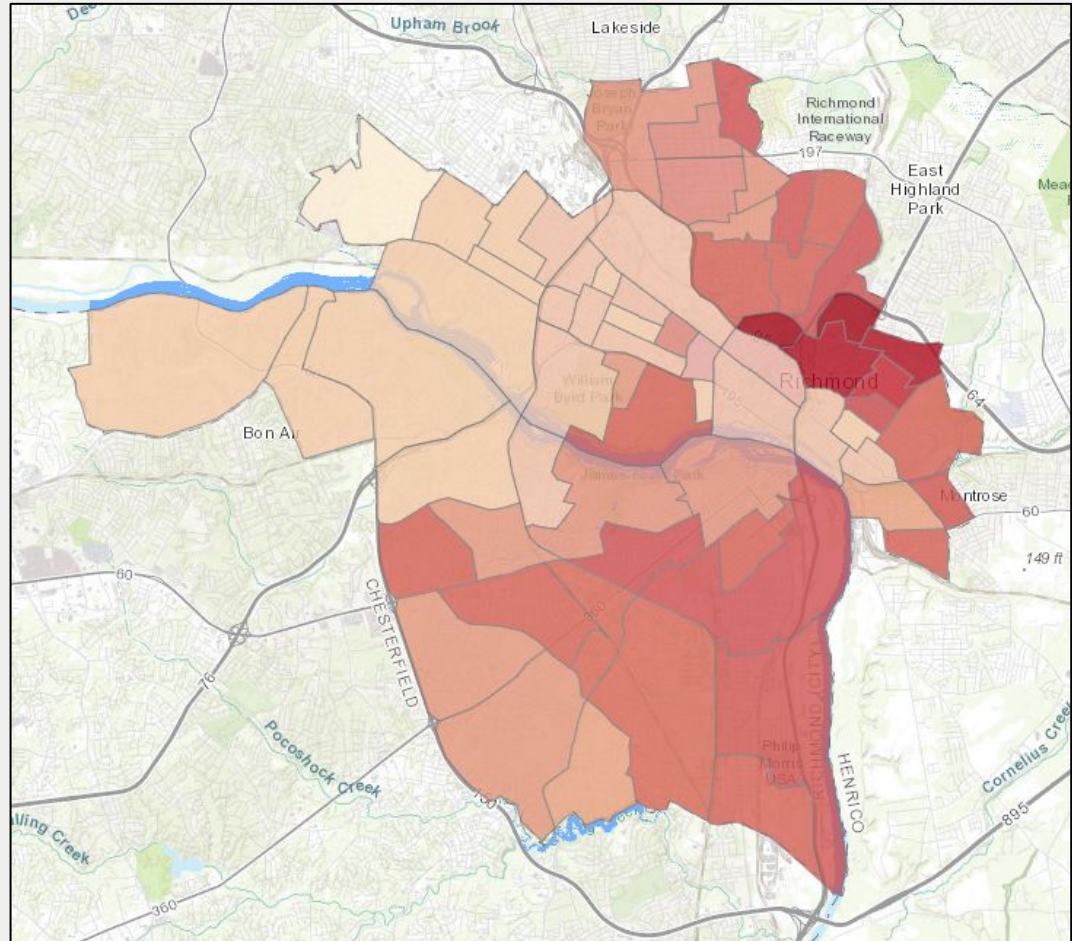
Diabetes Prevalence



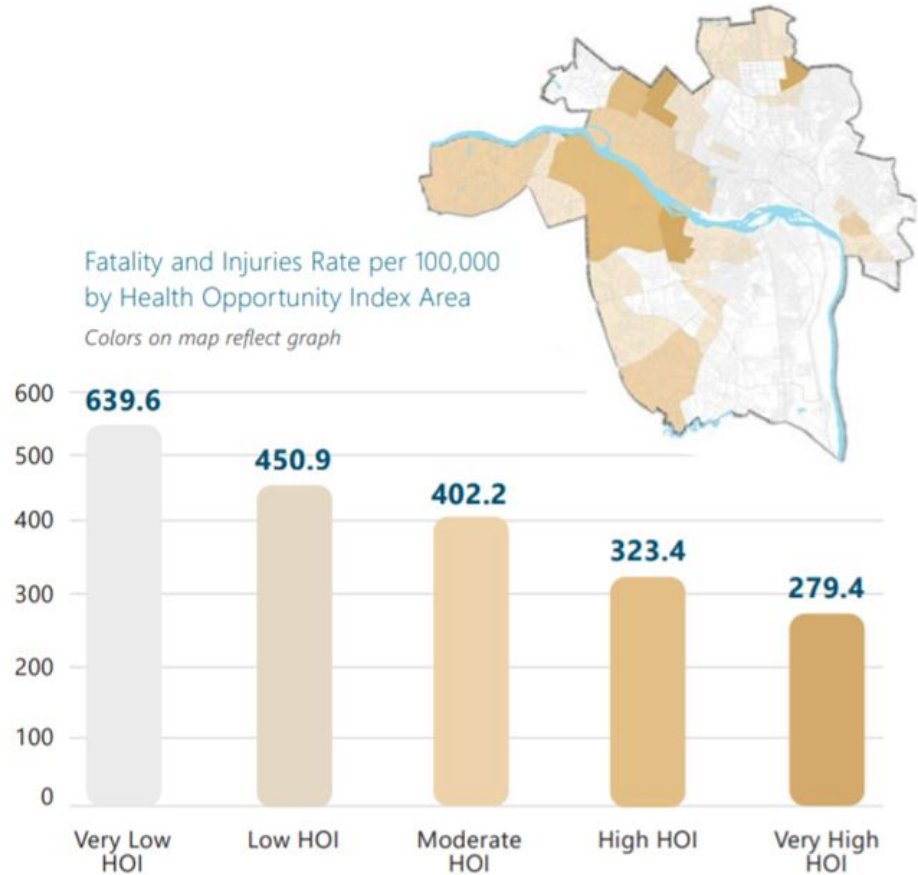
No Vehicle Access



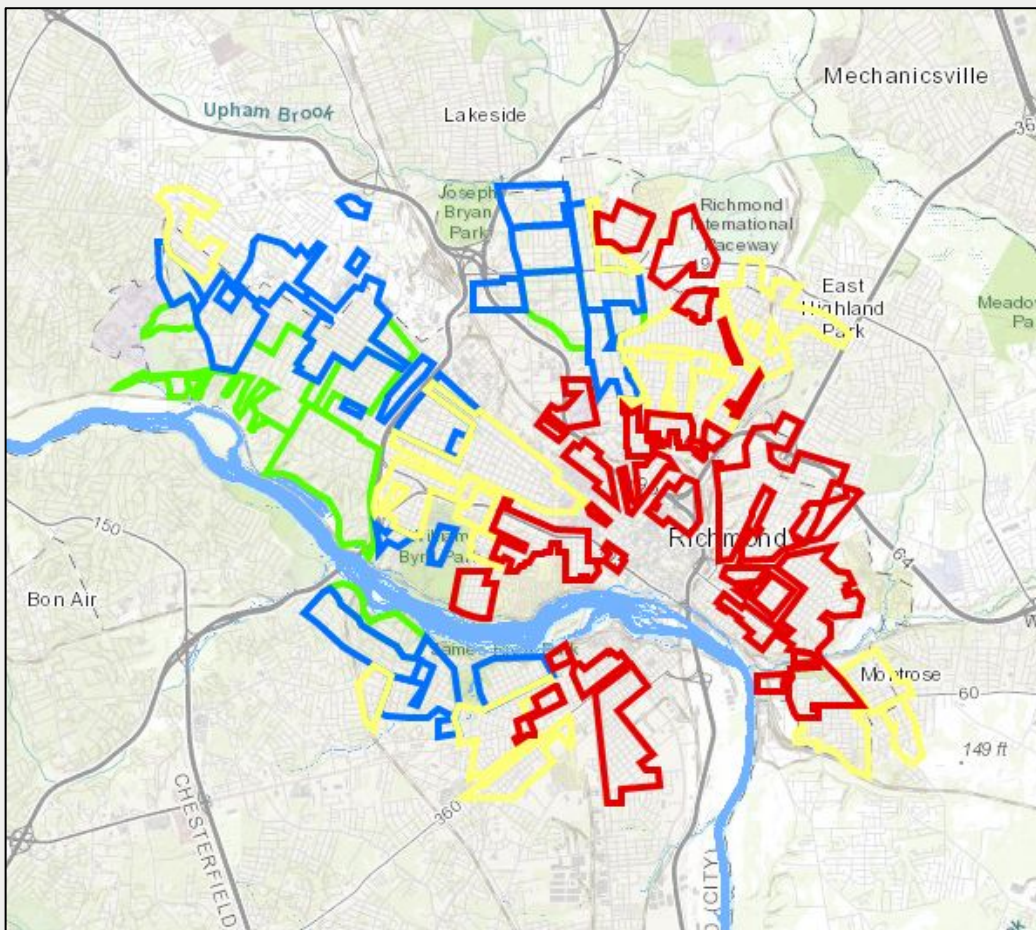
Urban Heat Vulnerability



Crash Risk & Health Opportunity



Historic Redlining



Social Determinants of Health

ECONOMIC STABILITY	NEIGHBORHOOD AND PHYSICAL ENVIRONMENT	EDUCATION	FOOD	COMMUNITY AND SOCIAL CONTEXT	HEALTH CARE SYSTEM
Employment Income Expenses Debt Medical Bills Support	Housing Transportation Safety Parks Playgrounds Walkability	Literacy Language Early Childhood Education Vocational Training Higher Education	Hunger Access to Healthy Options	Social Integration Support Systems Community Engagement Discrimination	Health Provider Availability Provider Linguistic and Cultural Competency Quality of Care
HEALTHY OUTCOMES Mortality, Morbidity, Life Expectancy, Health Care Expenditures, Health Status, Functional Limitations					

10% HEALTHCARE

30% GENETICS

20% SOCIAL/ENV

30% IND BEHAVIOR

Impacting Health Outcomes

Smallest
Impact



Largest
Impact

Greater
Individual
Effort



Less
Individual
Effort



Counseling to be physically active; healthy eating education

Rx for high blood pressure, high cholesterol, diabetes

Immunizations, brief intervention, cessation treatment, colonoscopy

Fluoridation, 0g trans fat, iodization, smoke-free laws

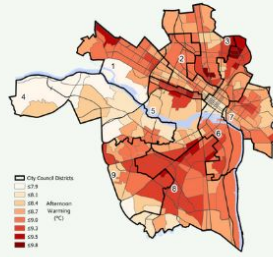
Poverty, education, housing, inequality

Expanded Park Access

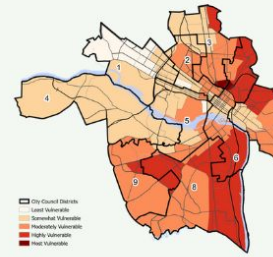
RICHMOND

**Mayor Stoney announces ordinance to build
five new parks in Richmond's Southside**

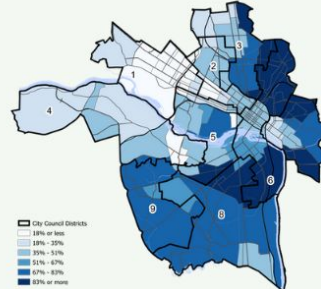
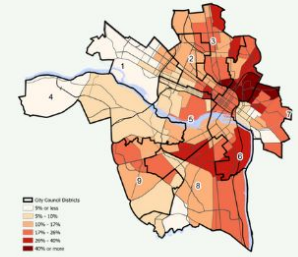
**Urban Heat
Island Effect**



**Vulnerability to
Climate Change**



**Households w/o
a Vehicle**



**Due to disproportionate
impact, Black and brown
communities have high need
for walkable green spaces.**



Complete Streets Richmond

**COMPLETE
STREETS**
RICHMOND

2018 VISION ZERO SCORECARD

- A** SHOWING LEADERSHIP **B** MAKING PROGRESS **C** NEEDS IMPROVEMENT **D** NO ACTION



Ginter Park

Elementary School

Walkabout Report Summary

A community-based Safe Routes to School infrastructure assessment and walkabout study of the school environment to identify infrastructure, safety and community barriers to students walking and biking to school - conducted on September 11th, 2017.

The Ginter Park Elementary School (GPE) walkabout included parents, students, staff from Better Housing Coalition (BHC), the GPE Communities in Schools Coordinator (CISC), Sports Backers, Northside YMCA, Richmond City Health District (RCHD),

196 students, or about 65% of the GPE student population, live within one mile of the school.

Fit4Kids, Richmond Police Department (RPD), Department of Public Works (DPW) and Virginia Department of Transportation (VDOT).

196 students, or about 65% of the GPE student population, live within one mile of the school. However, the majority of students take the school bus or are driven by a parent.

RPS Bus	43%
Student drop off/pick-up	26%
Walking	22%
GRTC bus then walking	3%
Carpool	4%
Biking	1%

Figure 1 2015 Modes of Transportation

District Level Recommendations

Certain policy recommendations could be tested at GPE then implemented on a district-wide basis. Implementing these policies requires a concerted effort from RPS, RCHD, RPD, community members, Fit4Kids, VDOT, DPW, City Council, Richmond City School Board, and the SRTS Coordinator.

- 1 Develop a Crossing Guard program that allows both hired and volunteer crossing guards to serve schools.
- 2 Develop a district wide travel plan to bring SRTS to all schools and integrate pedestrian and biking safety education into curricula.
- 3 Lower speed limits in school zones during student travel hours to 15 mph with signage and limited enforcement. Create special low-speed zones around schools that connect with other public pedestrian friendly areas.
- 4 Create district level SRTS Parent and Youth Councils.
- 5 Authorize GRTC to provide free bus passes to elementary and middle school students.

RICHMOND CITY
HEALTH DISTRICT



Safe Routes to School

Overview

Richmond

Ashland

Charles City

Chesterfield

Goochland

Hanover

Henrico

New Kent

Menu icon



Richmond Network

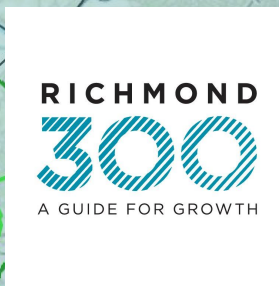
As the center of the metropolitan area, Richmond has the most developed bicycle and pedestrian network in the region.

Regional Bike Routes

- Designated Bike Lane
- Shared Use Path
- Shared Lane
- Paved Shoulder
- Natural Surface Trail

Sidewalks

- National Bike Routes



VIRGINIA WALKABILITY ACTION INSTITUTE

Local & Regional Planning



Health Impact Assessment

2. Consider the Impact

Select the factors the project or policy may affect. A project or policy may impact many factors or just one.

Factors that contribute to health equity	Check all that apply
Access to healthy food	
Access to safe, affordable, housing for all people	
Supportive neighborhoods/social support/social capital	
Healthy indoor and outdoor places	
Access to safe, clean, and quality indoors or outdoor spaces, such as parks, trees, and playgrounds	
Early childhood development services and community supports	
Education that provides high quality and culturally appropriate education for each student	
Job training and jobs that provide all residents a livable income	
Community economic development that supports local homes, businesses, buildings and land	

- Social policy is health policy

- Address the cause, not the symptoms

- Work for health in *each* policy to achieve health in *all* policies



Thank you!

Sarah Shaughnessy, MPH, MCRP
Built Environment & Health Specialist
Richmond City Health Dept.
sarah.shaughnessy@vdh.virginia.gov

Interagency Collaboration in Northern Colorado: Health and Transportation



Katie Guthrie, AICP
Senior Transportation Planner
City of Loveland, Colorado

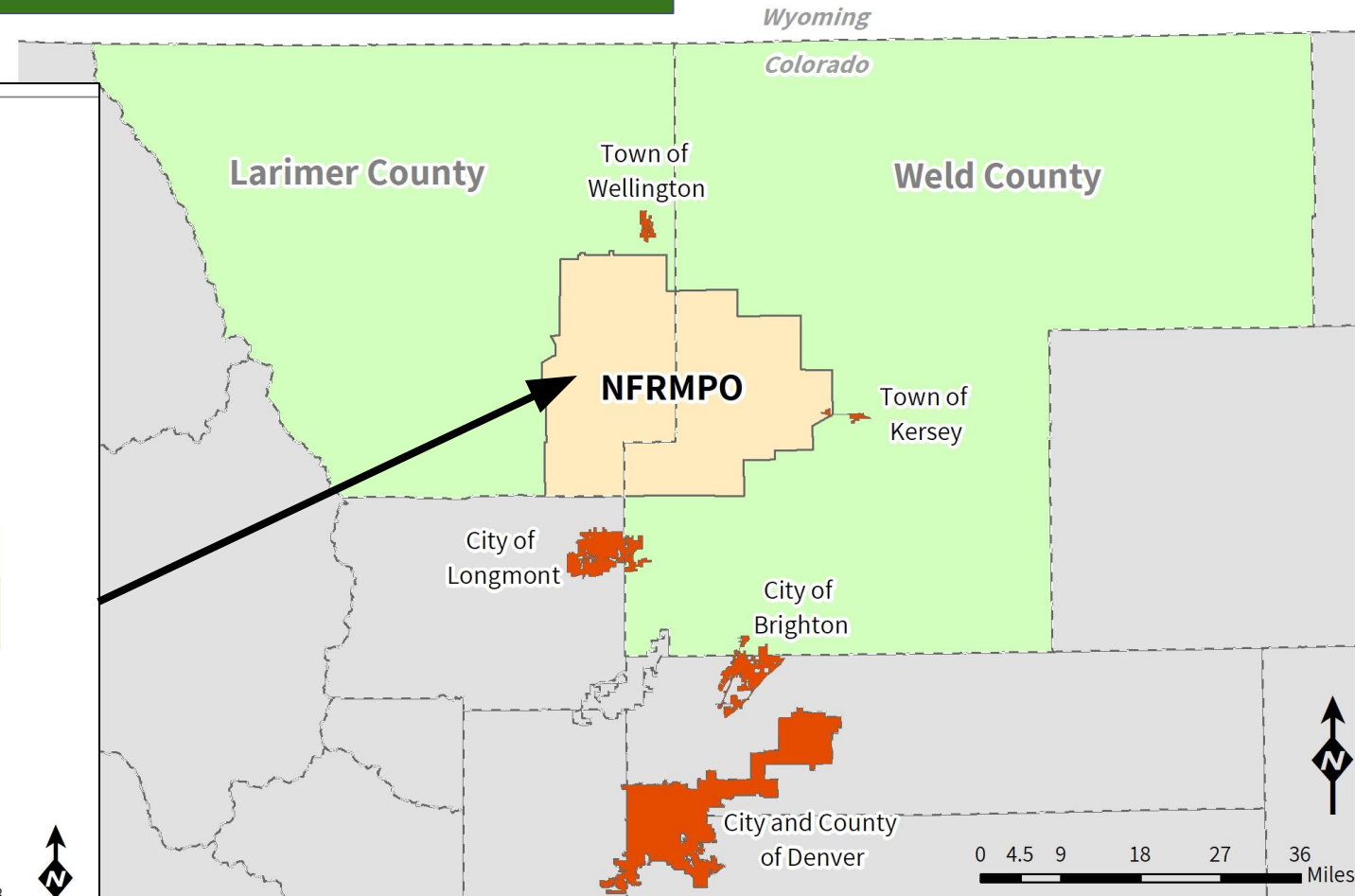
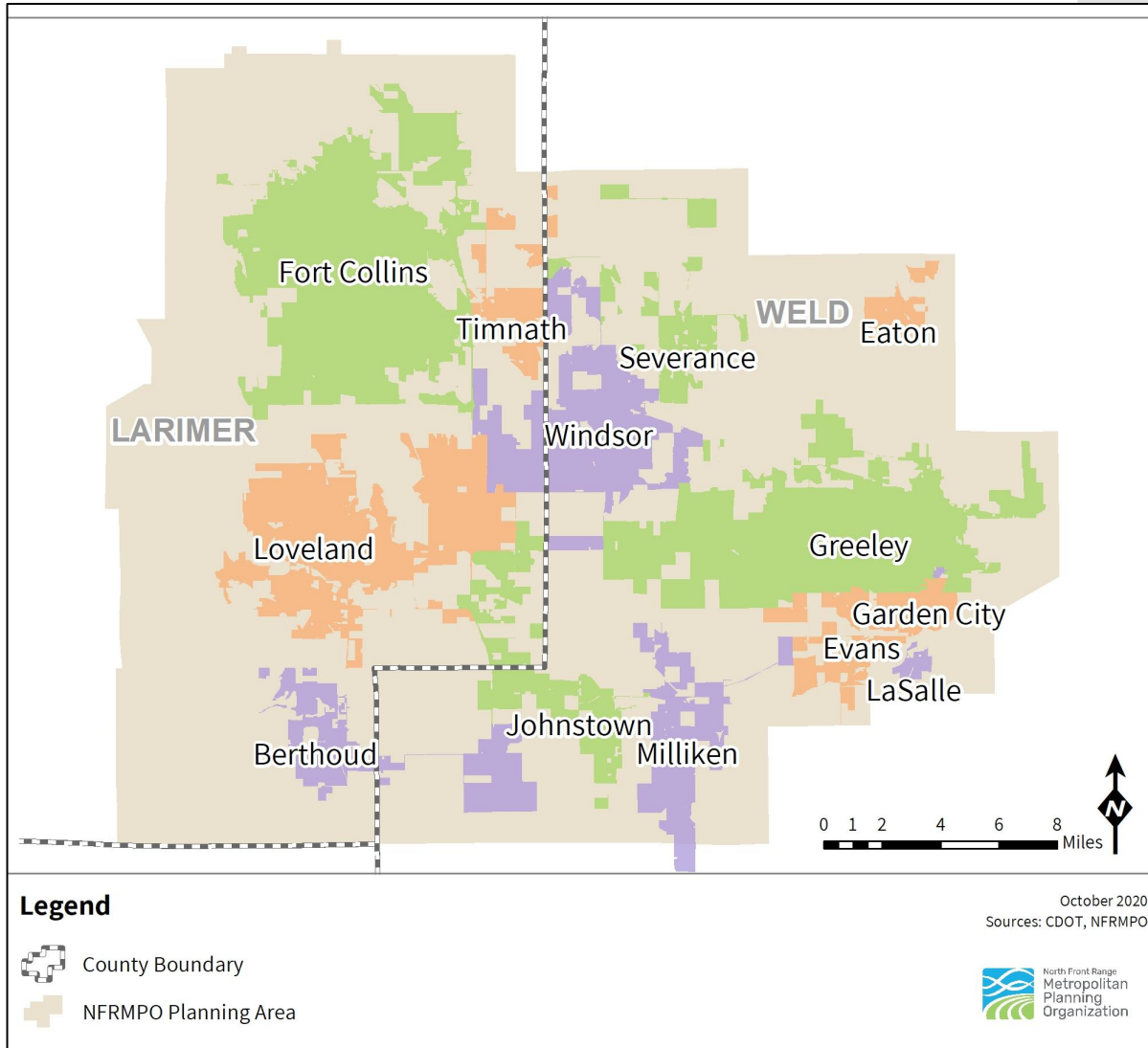
Ryan Dusil
Transportation Planner II
North Front Range Metropolitan Planning
Organization (NFRMPO)

The Northern Colorado (NoCo) Bike & Ped Collaborative

- Began in 2008 as:
 - “...an ad hoc collaborative representing jurisdictions, agencies and community organizations in Weld County that focuses on advancing and coordinating the connectivity of non-motorized trails between jurisdictions, and is an advocate voice for the education of trail use for recreation, transportation, and tourism purposes...”
- Meeting regularly since ~2014
 - Expanded in geography and disciplines represented
 - Broadened focus to the overall bicycle and pedestrian network
- No formal charter or funding mechanism



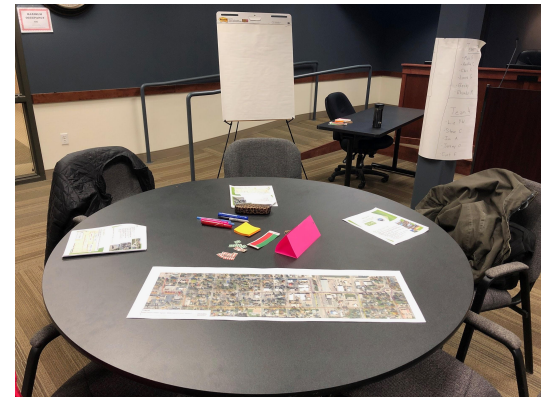
Northern Colorado (NoCo)



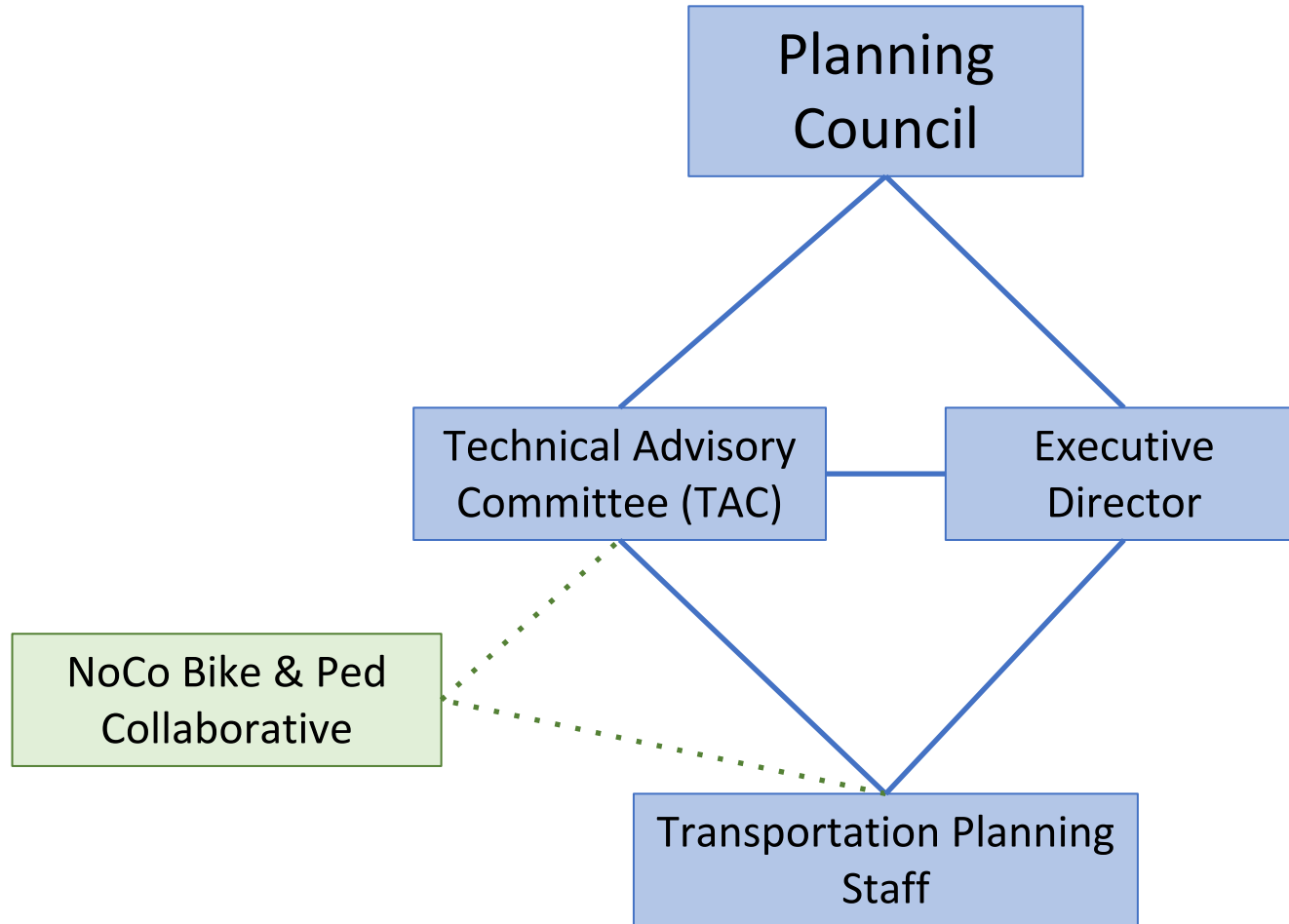
Representation – Disciplines and Sectors

Listserv of 107 members, average meeting size of 15-20 people

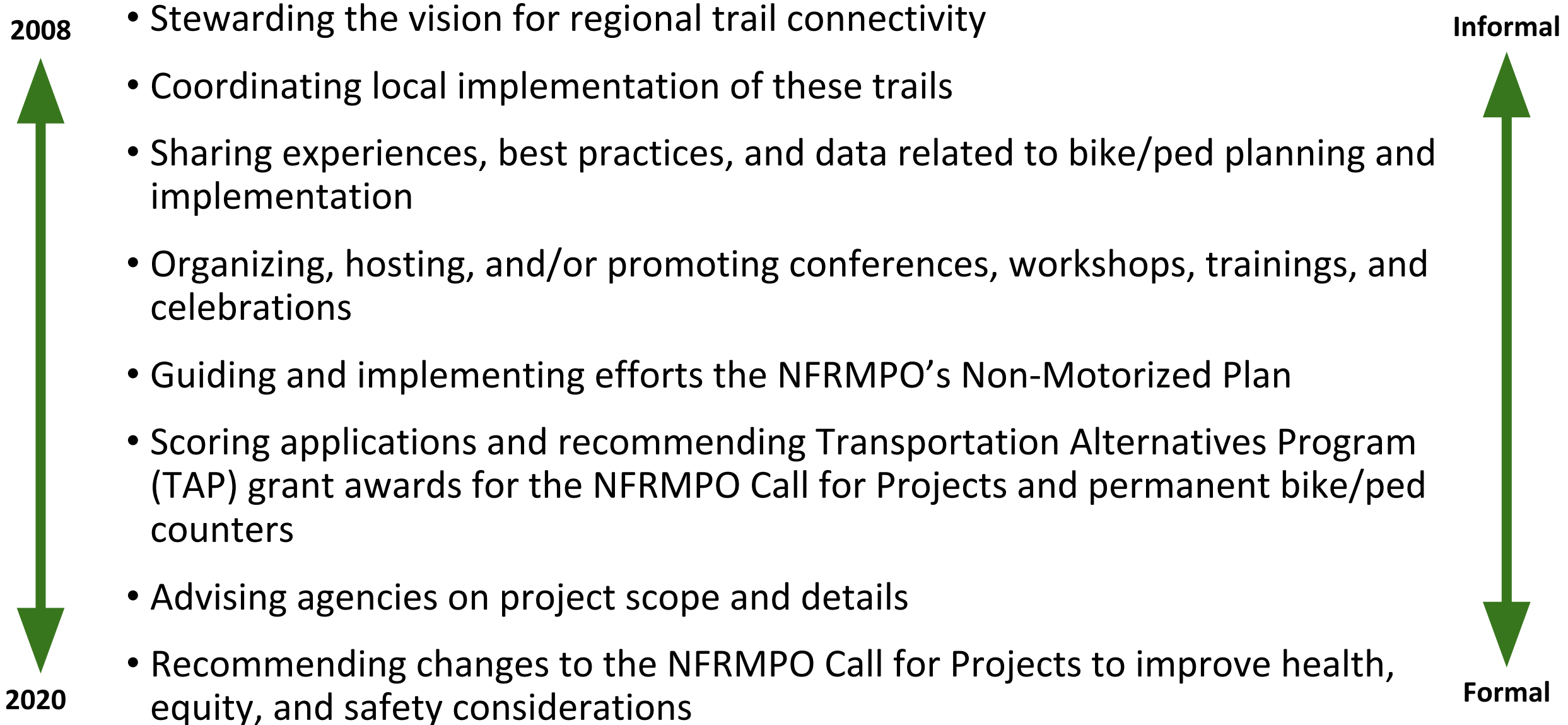
- Cities / Towns / Counties
 - Planning
 - Public Health
 - Parks and Recreation
 - Natural Areas / Open Spaces
 - Engineering / Public Works
 - Trail Authorities
 - Elected Board or Council Members
 - Citizen Advisory Board Members
- Non-Profit Organizations
 - Local and State Bicycle Advocacy
 - Land Trusts
- State Agencies
 - Colorado Department of Transportation (CDOT)
 - Colorado Parks and Wildlife (CPW)
- NFRMPO Staff
- Others
 - Colorado State University (CSU)
 - School districts
 - “Concerned Grandfathers”
 - Planning and Engineering Consultants
 - Disability Advocates



Relationship with the NFRMPO



Group Roles – and their connection to HiAP



Special Events / Initiatives

- ✓ 2014 – NoCo Leaders' Ride (*Loveland to Fort Collins*)
- ✓ 2015 – NoCo Bike & Walk Conference (*UNCO in Greeley*)
- ✓ 2017 – Bicycle Friendly Driver and Safe Routes to School Training (*Windsor*)
- ✓ 2017 – Infrastructure Audit Training (*Loveland Biking, Walking, and Transit*)
- ✓ 2018 – NoCo Leaders' Ride (*Fort Collins to Loveland*)
- ✓ **2019 – NACDD Walkability Action Institute (*Decatur, GA*)**
- ✓ 2019 – Berthoud Walking Audit (*Berthoud*)
- ✓ 2020 – CDPHE Quick Win Mini Grants (*Severance, Greeley, Loveland, Berthoud*)
- ☐ 2020 – Virtual Walking Audit Training (*Virtual*)
- ☐ 2021 – Severance Walking Audit (*Severance*)
- ☐ 2021 – Berthoud Biking Audit (*Berthoud*)
- ☐ 2021 – NoCo Leaders' Ride (*Windsor to Eaton*)

Keys to Our Success

- Open and fluid “membership”
- Continuously plugging into regional planning processes
- Interdisciplinary Leadership Team
 - Establish roles, but don’t overcommit anyone
 - Must include NFRMPO, public health, and at least one other planning or transportation representative
 - Shared administrative responsibilities
- Periodic visioning sessions
 - 2019 Walkability Action Institute – Action Plan
 - Facilitated Discussions on mission, vision, goals, objectives, and operating principles
- If it ain’t broke, don’t formalize it
 - Strive for consensus decision making
 - Develop basic operating principles



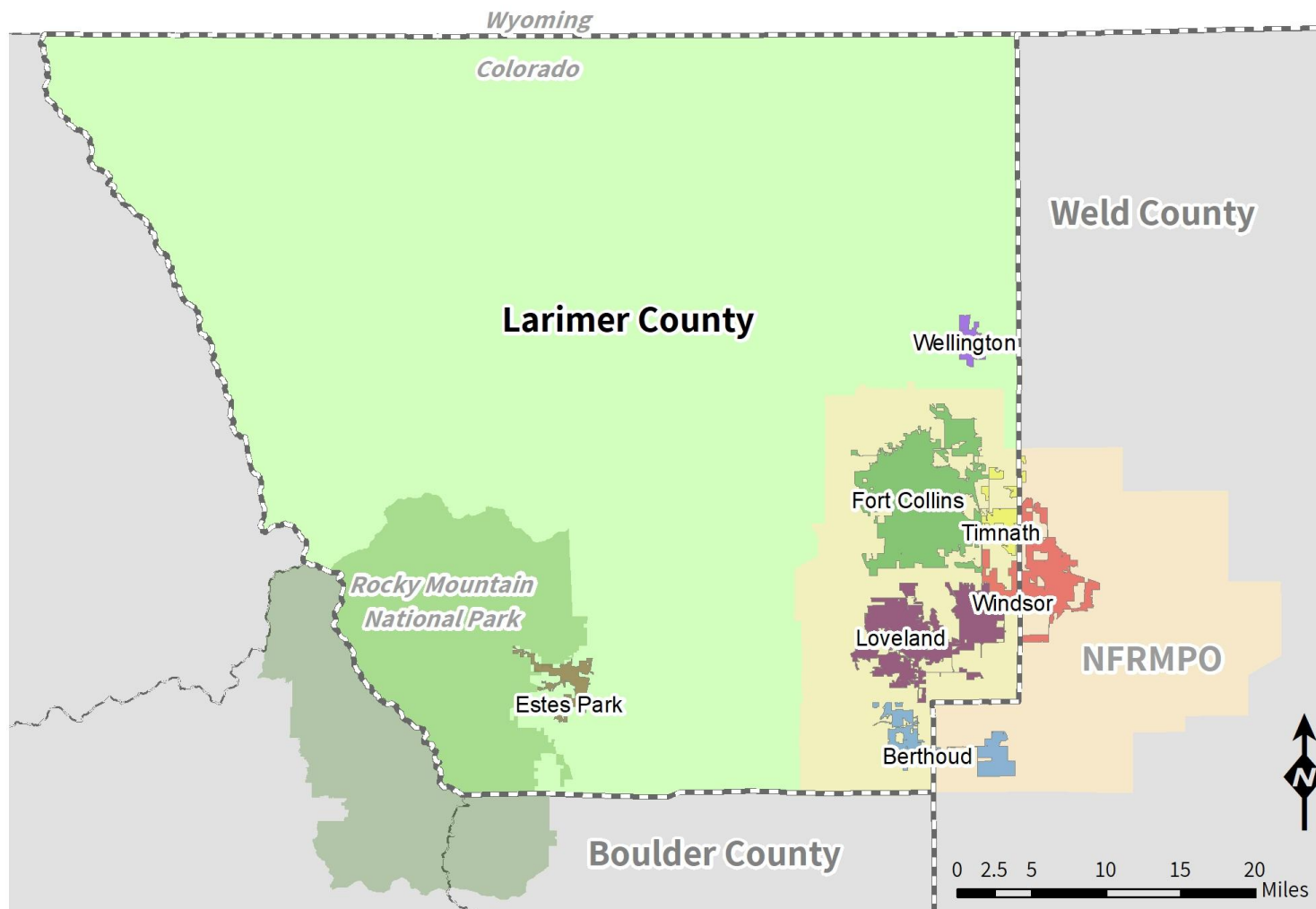
The Built Environment Leadership Team (BELT)

Built Environment Leadership Team (BELT) History

- Previous local effort: 2006-2016 Healthy Eating Active Living (HEAL) work done by CanDo through UCHHealth and LiveWell Colorado
- Current effort: BELT since October 2016
- BELT is facilitated by Larimer County Department of Health and Environment, Built Environment Program (BELT is 1 of 3 programs)
- BELT is funded by Colorado DPHE through a CCPD grant (until June 30, 2021)
- **Initial BELT membership quickly developed as a result of existing momentum, awareness and support created by 10 yrs. of CanDo**

Built Environment Leadership Team (BELT) Membership

- BELT has multidisciplinary representation from across Larimer County
- Twelve members currently
 - Cities of Fort Collins and Loveland
 - Larimer County (3 different departments)
 - North Front Range Metropolitan Planning Organization
 - Community-based organizations (housing, health care, higher education)
 - Advocacy Organizations (bicycle, non-profit)
- Some transition over the past 4 years in terms of representation, but overall a continuous team
- A comprehensive recruitment strategy was developed and has been executed successfully when needed



Built Environment Leadership Team (BELT)

Statement of Purpose

- **BELT collaboratively works to educate, influence & promote health and equity in policy and planning throughout Larimer County by:**
 - Serving as a regional connector, collaborator, and strategic partner to implement health and built environment initiatives in Larimer County
 - Leveraging expertise to create a coordinated response to support the inclusion of health and built environment language into proposed plans and policies in Larimer County
 - Creating a sustainability plan that allows this collaborative effort to live beyond the scope of the Cancer, Cardiovascular and Pulmonary Disease (CCPD) grant.

Built Environment Leadership Team (BELT)

Role in the County

- BELT is a coordinating voice that builds understanding and awareness around health and the built environment
 - Advisory Role as plans and policies are being updated
 - Educator Role to explain interrelatedness of health, planning, transportation
 - Convener Role to support regional learning through workshops & webinars
 - Technician Role to assistance with implementing best practices
- Letters of Support for plans and policies that incorporate specific language related to health and the build environment
 - Four letters in 2020 with more pending

County Built Environment Program (BEP)

Action Items towards HiAP

- **Strategic Plan for BEP** (six long-term objectives)
 - Develop a shared vision for a healthy Larimer County
 - Engage and inform more policy makers and organizational leaders
 - Develop public awareness campaign about BEP and BELT
 - Continue to build trust with the community through action
 - Continue to support BELT's sustainability plan
 - Seek/expand sustainable funding for BEP

Built Environment Leadership Team (BELT)

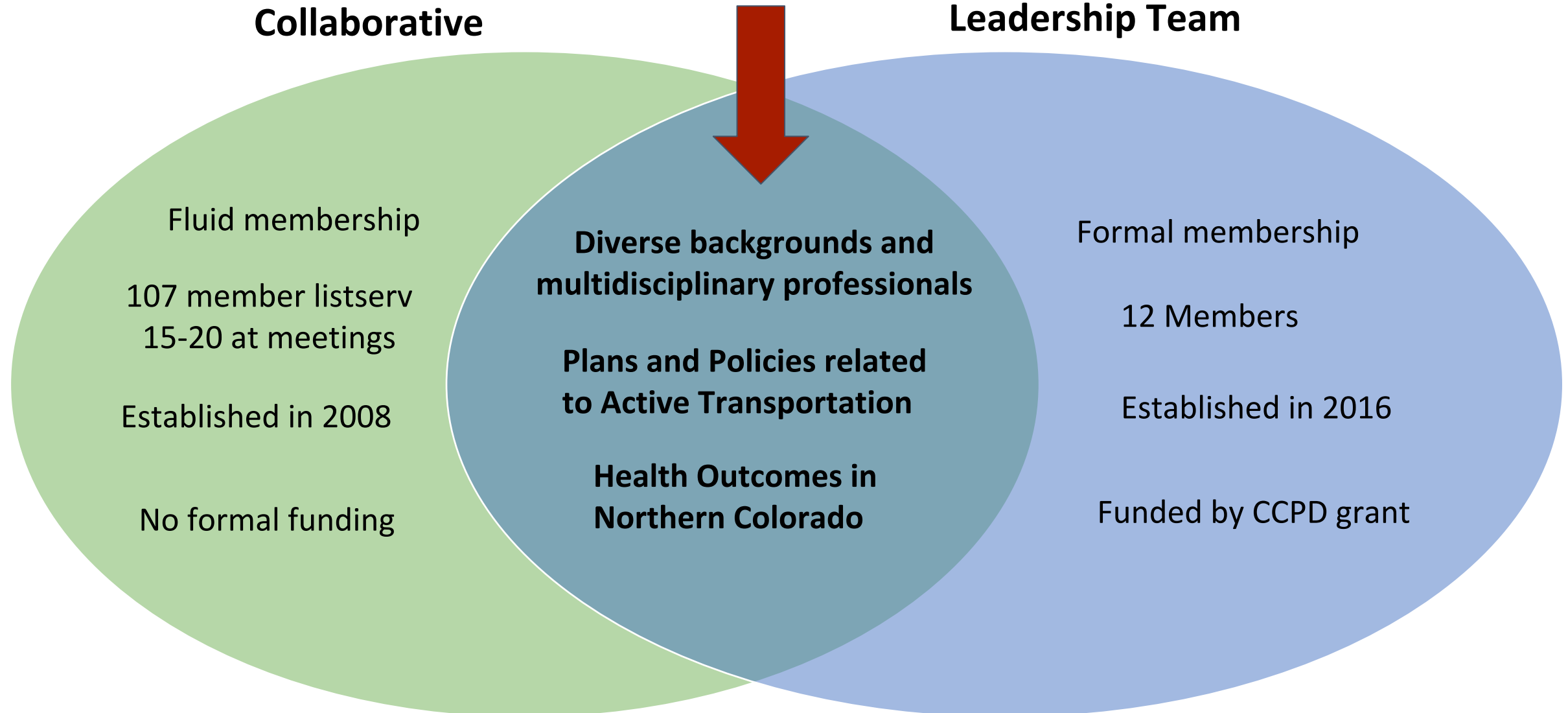
Action Items towards HiAP

- **Sustainability Plan for BELT** (six near-term objectives)
 - Formalize enduring membership
 - Maintain/expand membership diversity
 - Facilitate 10 Leadership Team meetings/year
 - Increase collaboration through a shared calendar
 - Update and expand built environment communication materials as needed
 - Seek permanent funding

Interagency Collaboration in Northern Colorado

NoCo Bike & Ped Collaborative

Built Environment Leadership Team



Discussion

⇒ **Send us your questions**

⇒ **Follow up with us:**

⇒ Sagar Shah sshah@planning.org

⇒ Karma E. Harris kedwards_ic@chronicdisease.org

⇒ Sarah Shaughnessy sarah.shaughnessy@vdh.virginia.gov

⇒ Ryan Dusil rdusil@nfrmpo.org

⇒ Katie Guthrie katie.guthrie@cityofloveland.org

⇒ General Inquiries pbic@pedbikeinfo.org

⇒ **Archive at www.pedbikeinfo.org/webinars**



Pedestrian and Bicycle Information Center

Webinar Series

Health and Transportation

Oct. 13: Confronting Power and Privilege for Equity

Oct. 15: Agency Structures for Collaboration

Oct. 22: Integrating Health Data

Oct. 27: Planning and Prioritizing Projects

Oct. 28: Bringing Health to Transportation Policy

#PBICWebinar



pedbikeinfo.org

[f](#) [t](#) [v](#) @pedbikeinfo

Take Action

- ⇒ **State DOTs and AASHTO members:** advance transportation health and equity research and evaluation through your state research program or AASHTO committee
- ⇒ **Planners, engineers, and others:** Join the ITE or TRB committees on Health and Transportation
 - <https://www.ite.org/technical-resources/topics/transportation-and-health/>
 - <https://sites.google.com/site/trbhealthandtransport/>