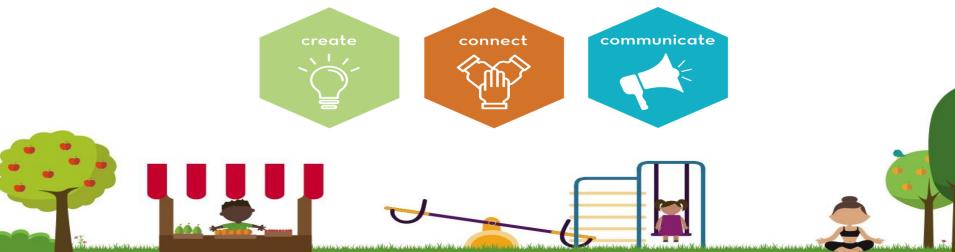




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Disparities, Opportunities & Action for Active Living Promotion in Austin/Travis County

December 18, 2024

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Today's Webinar

- Findings from the Travis County Physical Activity Landscape Assessment *(Andrew)*
- Innovative Initiatives to Support Active Living in Austin/Travis County *(Stephanie & Jill)*



Learning Objectives

At the end of this session, participants will be able to...

- 1. List groups at higher risk for lower leisure-time PA in Austin/TC
- 2. Identify social determinants that shape active living/leisure-time PA in Austin/Travis County
- 3. Define physical activity security & "Choice vs. Necessity" frame
- 4. Describe selected innovative initiatives aimed at supporting Active Living in Austin/TC

Life Expectancy, Health & Place

Life Expectancy has decreased in the U.S.

- Piqued in 2014 at 78.9 years, decreased to 76.4 years in 2021, with slight increase to 77.5 yrs in 2022.¹⁻⁴
- Decline predates COVID-19 pandemic (since 1980).²

Chronic Disease is a Key Driver of Mortality

- Heart disease and cancer = top causes in $2022.^{5}$
- Low SES & some race/ethnicities= higher mortality.³
- Where you live matters! Low-income residents in comms. with > social investments live longer.⁶



Physical Activity

Physical activity= "Magic Pill" for health Benefits for physical, mental and social health, overall quality of life & life expectancy:⁷

- Leisure-time physical activity
- Outdoor activity and nature
- Active commuting^{7,8}

Challenges & Opportunities

- Austin ranked 33 for fitness among 100 U.S. cities (ACSM)⁹
 - Arlington, VA: Fittest city
- $\sim 16.7\%^{10} \cdot 19\%^{11}$ of Travis County adults = no LTPA
- Most school-aged children (6-17 yrs) in Texas (80%) do not meet recs. of 60 mins. of PA .¹²

Travis County PA Landscape Assessment

Project Aim: Identify and describe community needs, assets and opportunities for physical activity/active living promotion and support for Travis County residents

Timeframe (one year): October 1, 2023 - September 30, 2024

Project Team: Andrew Springer, Nida Momin, Sana Amin, & Greta Frankert, UTHealth Houston School of Public Health, Dell Center for Healthy Living *in partnership with* Ms. Haley Gardiner & Dr. Ruth Rechis, University of Texas MD Anderson Cancer Center



Funder: MD Anderson Cancer Prevention & Control Platform



Travis County Physical Activity Landscape Assessment Methods

Planning Framework/Study Design: Intervention Mapping (Step 1 & Core Processes: question posing, lit. review, data analysis, primary data collection) guided by a rapid assessment and mixed methods concurrent design

Scoping Review

- Community assessments & related reports (2011-2023);
- Peer-reviewed literature on child/adolescent PA (*not shared today)

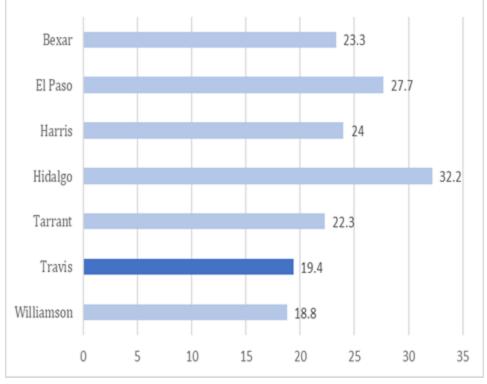
Analysis of Available Travis County Data to compare PA and related indicators among cities/comms. in Travis County

Key Informant Interviews with Travis County community leaders (gov't., comm. orgs.): explore needs, assets & opptys.

Creation of an Initial Dashboard of PA-related indicators

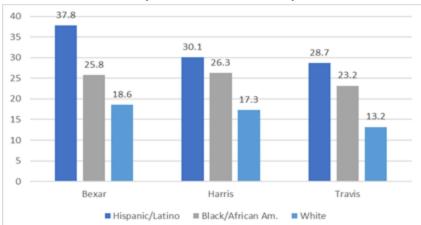


% No Leisure-Time PA in Adults 18+ (Past Month) - *Texas Counties* (2022)

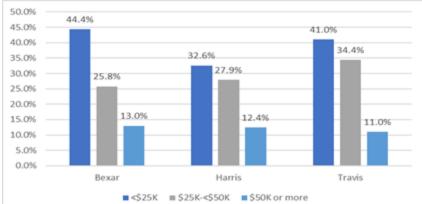


Source: Texas Department of State Health Services BRFSS¹⁰

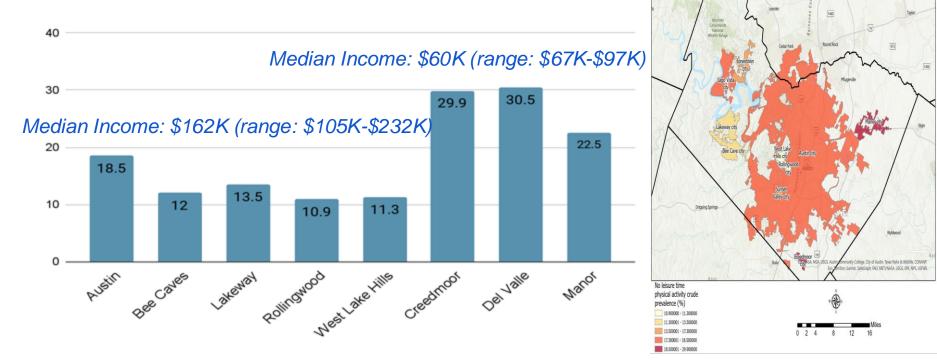
% No LTPA by Race/Ethnicity (2022)



% No LTPA by Income (2022)



Highest and lowest % No Leisure-Time PA by Travis County Cities/Communities, Stratified by Median Income ≥\$100K & <\$100K



Source: % No LTPA: *CDC PLACES 2023*³⁹; Median Income: *U.S. Census Bureau QuickFacts and Census Reporter* (2022 Census data)⁴⁰. *Note*: Does not include cities that cross counties, such as Cedar Park, Elgin, Leander, Pflugerville, Round Rock

Scoping Review of Austin/Travis County Community Assessments (2011-2023) (n=18 reports)- Social Determinants of Physical Activity

Economic-Related Barriers

- *Time & Work:* Insufficient time to exercise due to work schedules^{13,41}
- Housing & Displacement to Under-resourced Areas: Increases in housing costs have displaced low-income Travis County residents outside of Austin⁴²
- *Transportation:* Moving can add to commute times and inaccessibility to PA resources.^{13,41}
- Cost of Gym Memberships, PA equipment (clothes)⁴³

Built Environment-Related Barriers

- *Infrastructure:* Inaccessible sidewalks, traffic, proximity to freeways, and other features of the built environment are a barrier for PA^{42,44,45}
- *Park Access:* 35% to <50% of Travis County residents lack access to parks^{42,46}
- *Park Amenities:* Lack of amenities or poor park conditions are a barrier to PA^{42,46}

Social & Community Context-Related Barriers

- Lack of PA Opportunities/Support for Specific Groups: Caregivers, communities of color, people with disabilities, and the LGBTQ+ community were cited as groups in need of increased PA programming/supports^{13,45}
- *Safety/Crime*: common barrier cited for not going to parks,⁴⁴⁻⁴⁷ not engaging in active commuting,⁴⁴ and/or other physical activity in one's neighborhood¹³
- *Redlining and Discrimination* has led to disparities in healthcare access, food security, and education for Black and Hispanic communities⁴⁸
- *Transportation* and long commutes are barriers for park utilization^{13,47}

Climate-Related Barriers

• Hot weather during summer months presented a barrier to outdoor PA in multiple reports^{13,42,46}

Austin/TC Community Leader Interviews (n=26 leaders from government and nonprofit

tion

Comm

Crescent, but towards the inner Eastern, not on the outer, ...they don't have the same resources and opportunities"

"...often they're living in apartment complexes that either don't have green spaces, or it's not safe." regular job, and I have to get dinner together, I'm just super exhausted and have my kids in activities. If you live in the outskirts, you have to adjust to the traveling time that it takes. So, by the time I can go to afterschool activities, I work my second job, and we have to commute back home, it's getting dark. I'm just not about to walk through this park..."

> Community Er →Crowded / →Culturr →Envir →Fo/ +Fo/

state of crisis right now like, they're food nsecure. They don't have money to keep their ights on. And so I think that's the biggest challenge you'll have in your work"

PA Initiativ Opportunitiv

"Each community is different, but each community has a good idea of what they want."

na ox Rec

→Fam. →Mayor's H →Juncil (MHFC) →Multigene al →Nature Sm _Libraries →PA as Recreation →Parks & Rec Events →Parks Prescriptions Program →Picnics with Families →Providing Transportation

TRAVIS COUNTY PHYSICAL ACTIVITY LANDSCAPE ASSESSMENT DASHBOARD

Individual Indicators

Community Indicators

	Travis County	Texas			Travis County	
% of Adults Meeting Physical Activity Recommendations (2019) A	25.9%	24.3%		Mean Walk Score C	42	
			070	Mean Bike Score C	54	
% of Children/Youth Engaging in ≥5 days of Physical Activity in the Past Week ^{B,} *	33.8%	43.3%		Mean Transit Score ^C	35	
% of Adults with No Leisure Time Physical Activity (2021) A	16.7%	25.1%		% of Adults with Access to Park or Recreation Facility ^D	93%	
% Adults Sleeping less than 7 hours (2020) ^A	27.4%	32.9%		% of Residents who have Access to Parks and Open Space (within 1/4 to 1/2 of a mile away) ^E	70%	
% of Adults with Diagnosed Diabetes (2021)A	8.0%	11.5%	₽ <u>`</u>	Tree Canopy Coverage ^F	41%	
% of Adults who are Overweight or Obese (2021) ^A	59.0%	69.8%	T T T	Green Space Equity		

Based on mean % participating in ≥5 or more days of physical activity in past week for 4th, 8th, and 11th grade students in Health Service Region 7 (Austin area) and Texas.

Recommendations (*scoping review/

- 1. Apply an 'equity lens' to promoting PA (!)
- 2. Engage community to inform strategies
- 3. Increase access/design of spaces/built envir.
- Enhance access to public spaces for all Travis County residents, including those with disabilities
- Promote specific spaces for community PA, including "open streets" and dog parks; establish more 'shared use' agreements for use of schoolyards and other spaces for community PA use; enhance safety (social/street safety)
- Increase access to green spaces and parks for all
- Active commuting design!
- 4. Activate settings, foster intersectoral partnerships, and explore innovative approaches for active living promotion



PA Equity(Salvo et al, 2022)⁴⁹ Choice vs. Necessity

- Labor-based PA= not always 'good' PA; other risks
- LTPA & Active Commuting= promising forms of PA that everyone should have a right to participate with.

PA Security (Lambert et al., 2020)⁵⁰

"When all people, at all times, have physical and economic access to sufficient, safe and enjoyable physical activity to meet, not only their health needs, but to promote physical and emotional wellbeing and social connectedness, for an active and healthy life."

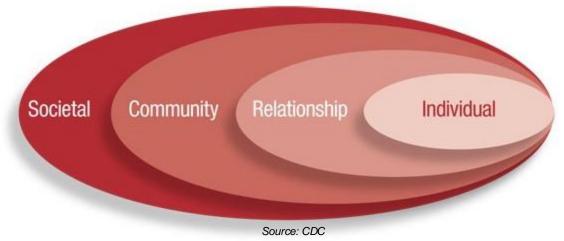
Acknowledgements

- Community leaders ! (who gave input into this assessment)
- Haley Gardiner, MPH, Director, Be Well Communities, UT MD Anderson Cancer Center
- Ruth Rechis, PhD, Executive Director, Cancer Prevention and Control Platform, UT MD Anderson Cancer Center
- Nida Momin, MPH, UTHealth Houston School of Public Health-Austin, Project Director
- Sana Amin, MPH, UTHealth Houston School of Public Health-Austin, Research Assistant
- Greta Frankert, MA (candidate), Maastricht University, Research Assistant
- Carolyn Smith, Sarah Bentley, and Tiffni Menendez from Dell Center for Healthy Living at UTHealth Houston School of Public Health provided constructive review of our original scoping review report

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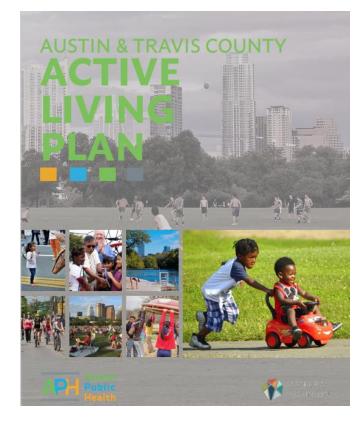
Austin Public Health: Promoting Active Living in Austin/Travis County

Social Ecological Model





Austin/Travis County Active Living Plan



Provides goals and recommendations across 9 sectors:

- Business and Industry
- Community, Recreation, Fitness and Parks
- Education
- Faith-Based Settings
- Healthcare
- Mass Media
- Public Health
- Sport
- Transportation, Land Use and Community Design



Interpersonal/Relationship Level

Austin Moves!

• 6-week group walking program for fun, fitness and community

Outcomes:

- 94% of participants stated they were more active
- 100% of participants reported creating new social connections









Community/Organizational Level

Mayors Health and Well-Being Council - Workplace Partner Certification



Pł	ysical Activity (20 Points Possible)		
		Yes	Score
Do	Does your worksite:		For internal use only
1)	Subsidize or discount the cost of onsite or offsite exercise facilities? (3 pts.)		
2)	Provide and promote various onsite or offsite physical activity classes (e.g. aerobics, yoga), which could be free or at a low cost to the employee/member? (3 pts.)		
3)	Provide and promote onsite opportunities to incorporate physical activity in the workday by encouraging the use of stairs, walking meetings, marked paths, walking trails, etc.? (2 pts.)		
4)	Sponsor on-going contests or competitions, recognizing departments or teams that win? (2 pts.)		

- Physical Activity Section of application (9 questions)
- Technical assistance provided by Austin Public Health
- 31 certified workplaces in 2024

www.mhwcaustin.org



Community Level

Media and Awareness Campaigns







by

Move your Way® Campaign

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Community Level

Healthy Living Mini-Grants- APH funds healthy living projects up to \$2500



East Travis Gateway Library District Bilingual Yoga and Nutrition Classes



Maplewood Elementary Butterfly Hopscotch



Thank you to:

Daniella Castillo Leila Lawson, MPH, CHES Dina Ortiz Jeneice Hall, MPH, CHES



For more information: <u>HealthyPlacesHealthyPeople.org</u> <u>HPHP@austintexas.gov</u> Stephanie.Helfman@austintexas.gov





What is Parks Rx?

Programs designed in collaboration with public land agencies, healthcare providers and community partners to encourage people to utilize parks, trails and open space for the purpose of improving individual and community health.

(National Parks Rx initiative definition)

How did we start?





NATURE IS COMMUNITY

The Parks Prescription program aims to bridge the medical community with local Parks and Recreation by prescribing time in nature to prevent or treat health problems.



What are the benefits of nature?

- O Improved mental and physical health
- Better mood, improved heart health, increased energy, improved sleep, increased life expectancy, bone health
- O <u>Supporting research</u>

Promoting health through parks: A typology

HEALTH PROFESSIONAL ACTIVE ENGAGEMENT

HEALTH SERVICES PROVIDED IN PARKS

HEALTH EQUIPMENT SITED IN PARKS

HEALTH EDUCATION PROGRAMS IN PARKS; HEALTH PROMOTION SIGNAGE AND BROCHURES; COMMUNITY HEALTH PROMOTION OF PARKS

ROUTINE PARKS & REC FACILITIES AND PROGRAMMING

HEALTHY PARK PROGRAMS FOR SPECIFIC GROUPS

Examples: Park Prescription programs; Walk With a Doc programs.

Examples: Health screening programs; health fairs; Medicaid/Medicare/WIC advising.

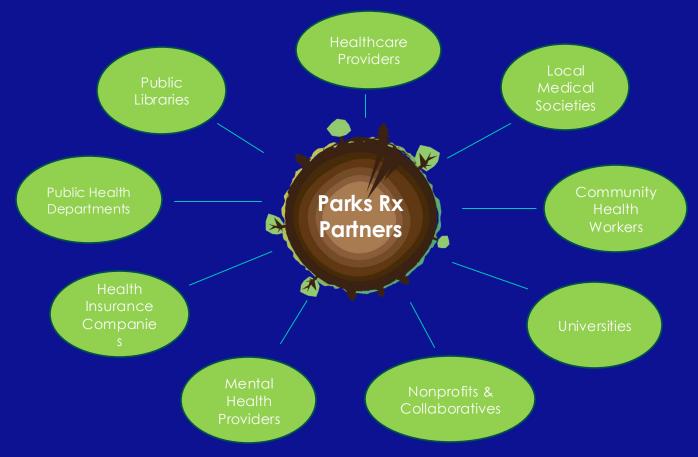
Examples: Parcourses.

Examples: Yoga classes in parks; community-wide promotion of park use by health institutions.

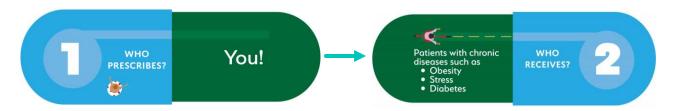
Examples: Baseball and soccer fields; sports leagues; pools (not branded as health programs, no involvement of health institutions).

Examples: Programs or equipment for children, elders, people with disabilities.

What does a successful partnership look like?



Implementation



 WHAT IS PRESCRIBED?
Physician and patient discuss activities and goals
Offers Parks Department brochure: with local parks/ amenities, programs, and follow up information.

• Time in nature.

Participate in personal or organized activities • Read a book or meditate. • Play frisbeee or ride a bike. • Have a picnic. • Attend a fitness class.

WHAT HAPPENS IN THE PARK?

CER

NEXT STEPS?

.

MENTAL HEALTH BENEFITS

• Improve cognitive ability.

Benefits mood.

• Reduces stress.

WHAT IS THE

OUTCOME?

Increases social connections.
PHYSICAL HEALTH BENEFITS

Boosts physical health.

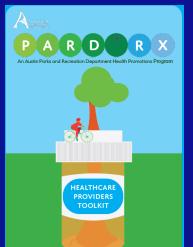
• Lowers blood pressure.

PHYSICIAN INVOLVEMENT: • if interested, share patient information with the Parks Department. PARKS DEPARTMENT • Follow up with patients and provide local resources to nature and physical activity.



Resources





Community Recreation Center Fitness



Challenges

- Healthcare Providers not reimbursed for prescribing time in nature
- Lack of time
- Lack of knowledge on Park amenities

If you have questions or would like resources contact Jill Habegger-Cain Health Promotions Coordinator City of Austin Parks and Recreation Department jill.habegger-cain@austintexas.gov 512-974-3907

www.austintexas.gov/PARDRX





Austin/Travis County Active Living Collaborative



Newly formed coalition hosted by Austin Public Health, Austin Parks and Recreation, and UTHealth Houston School of Public Health-Austin

• The Austin/Travis County Active Living Collaborative is driving efforts to promote physical activity and improve quality of life across our community. Central to this effort is the Austin/Travis County Active Living Plan (2020), which outlines equitable strategies to increase physical activity and address chronic disease.



For more information contact Dina.Ortiz@austintexas.gov



Thank You!

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Please post your questions in the chat for the audience Q&A session





Thank you for attending!

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