

Pennsylvania's 2019 Active Transportation Plan

In 20 minutes or less...

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Active Transportation in PA

What is Active Transportation?

Active transportation is any self-propelled, human-powered mode of transportation, such as walking or bicycling.



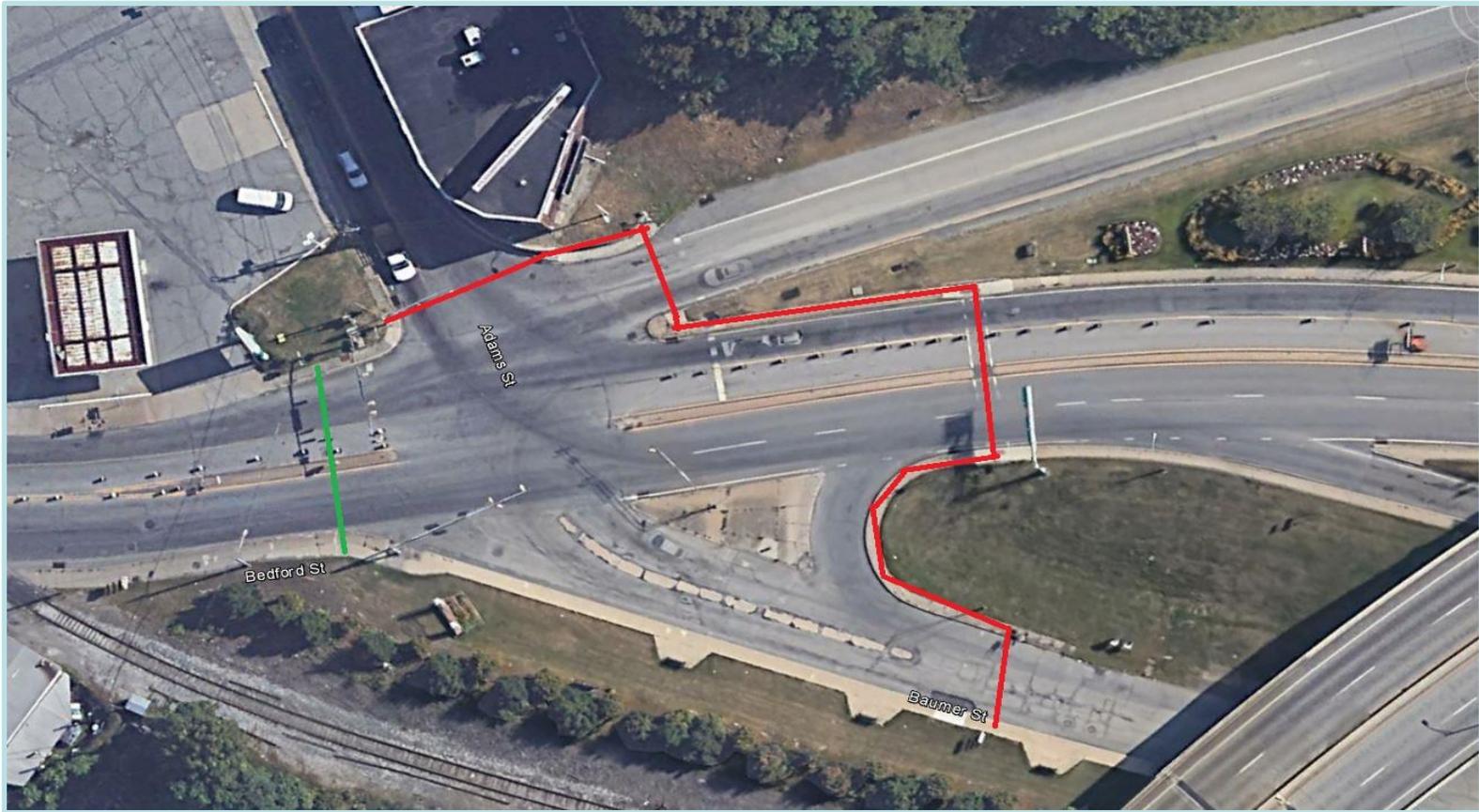
Active Transportation in PA



Active Transportation in PA



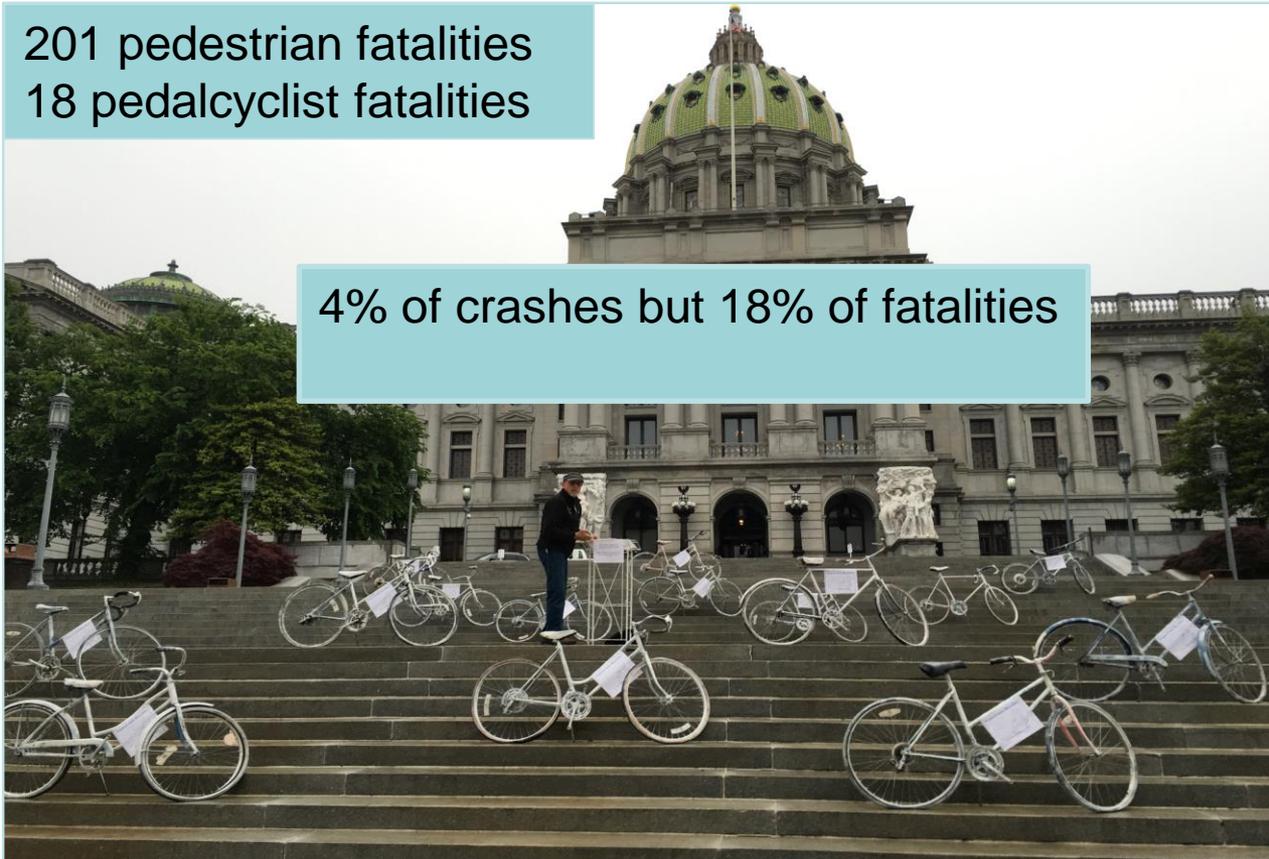
Active Transportation in PA



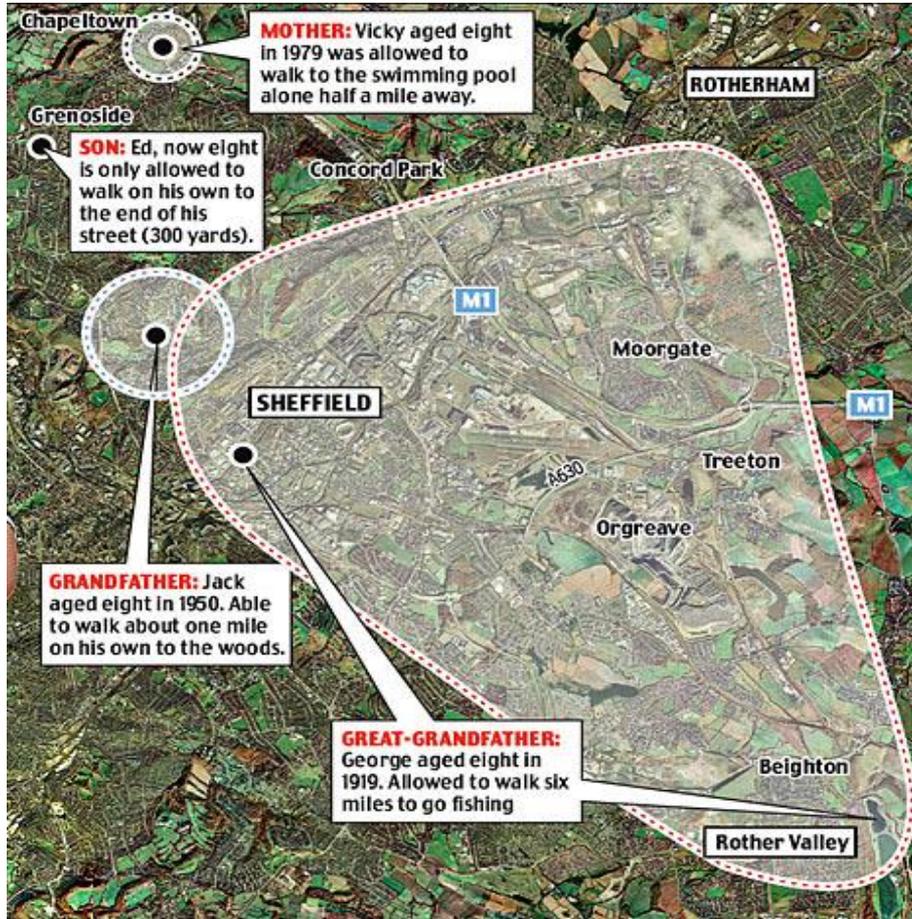
Active Transportation in PA

201 pedestrian fatalities
18 pedalcyclist fatalities

4% of crashes but 18% of fatalities



Active Transportation in PA



Change in walkshed for children

1919 – 2016

300 yards
is 2.8% of
6 miles

Active Transportation in PA

Technological
innovation in mobility



Active Transportation in PA

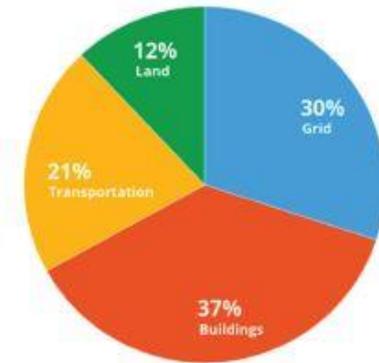
Number of Vehicle Trips 3 Miles or Less



43% of trips are **three miles or less** and could be replaced by shifting modes to biking or walking.



(https://nhts.ornl.gov/tables09/fatcat/2009/vt_TRPMILES.html)



Transportation contributes 21% of PA Greenhouse Gas emissions



pennsylvania
DEPARTMENT OF TRANSPORTATION



PENNSYLVANIA'S 2019 ACTIVE TRANSPORTATION PLAN

Pennsylvania's 2019 Active Transportation Plan

Statewide Survey Analysis - Walking

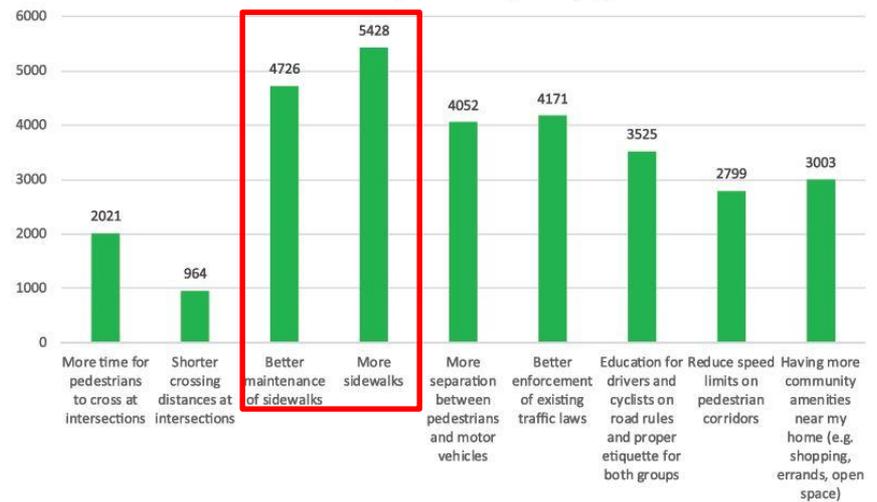
How easy or challenging is it to walk in your community?

Answered: 12,780 Skipped: 1,039



Which of these changes would most improve your walking experience?

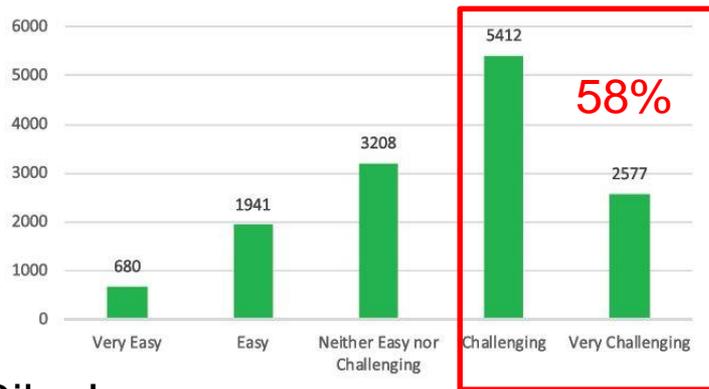
Answered: 12,780 Skipped: 1,039



Statewide Survey Analysis - Biking

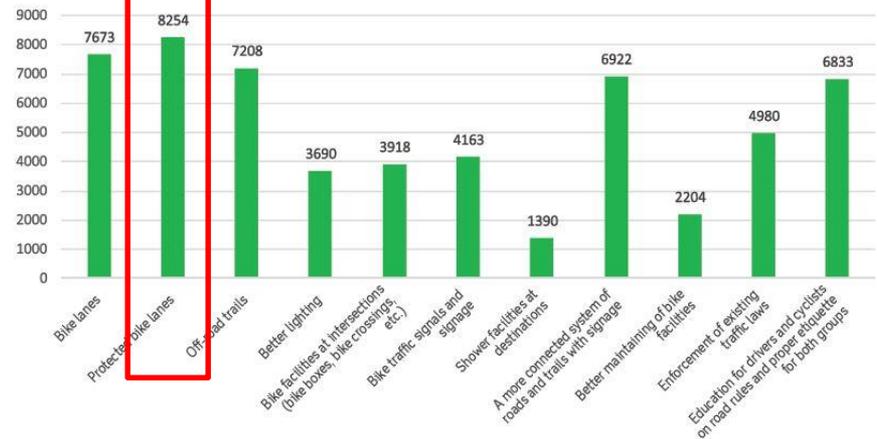
How easy or challenging is it to bike in your community?

Answered: 13,819 Skipped: 0



Which of the following would make you want to bike more frequently?

Answered: 12,006 Skipped: 1,813



Bike Lanes

Protected Bike Lanes

Off-Road Trails

Connected Network

Education for all roadway users



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BICYCLIST DESIGN USER PROFILES

Interested but Concerned

51%-56% of the total population

Often not comfortable with bike lanes, may bike on sidewalks even if bike lanes are provided; prefer off-street or separated bicycle facilities or quiet or traffic-calmed residential roads. May not bike at all if bicycle facilities do not meet needs for perceived comfort.

Somewhat Confident

5-9% of the total population

Generally prefer more separated facilities, but are comfortable riding in bicycle lanes or on paved shoulders if need be.

Highly Confident

4-7% of the total population

Comfortable riding with traffic; will use roads without bike lanes.



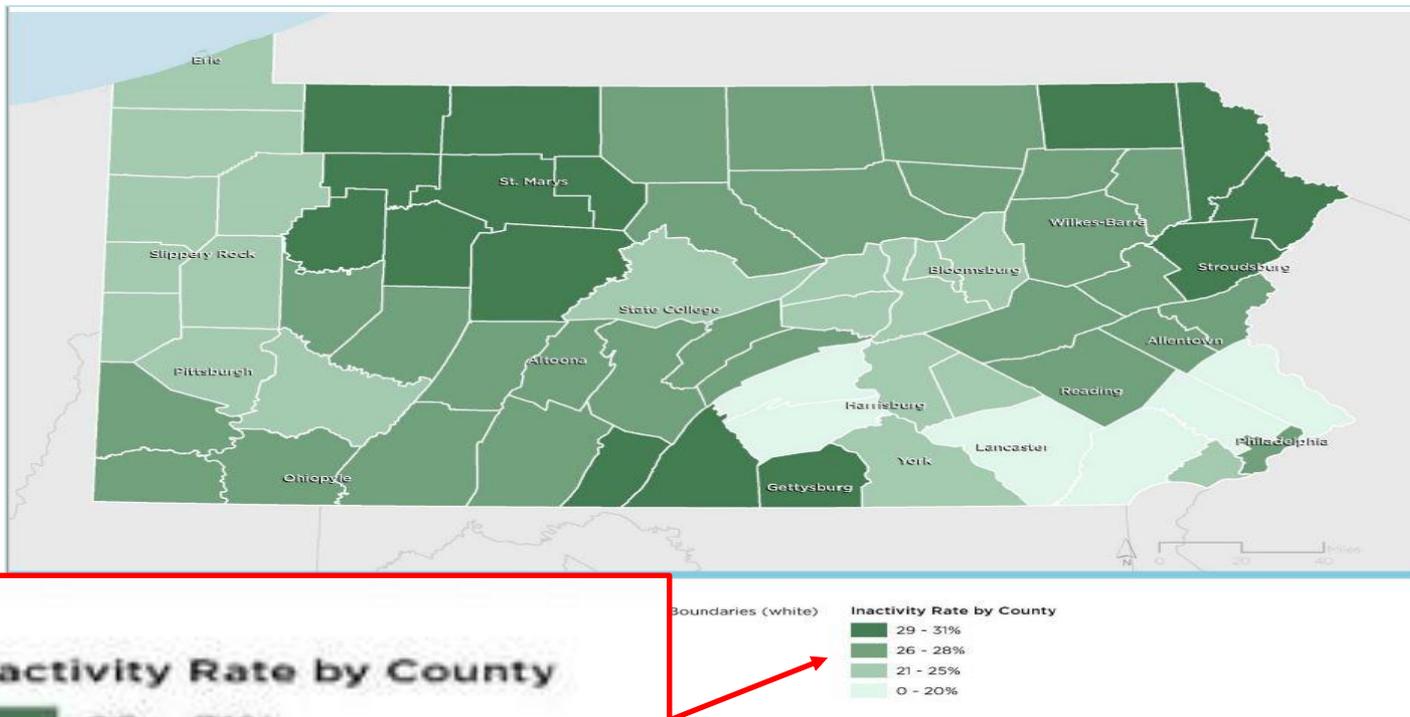
**LOW STRESS
TOLERANCE**

**HIGH STRESS
TOLERANCE**

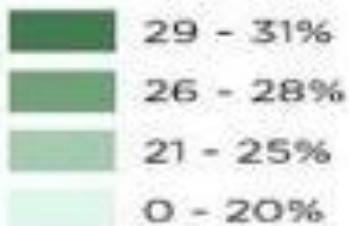
FHWA Bikeway Selection Guide - https://safety.fhwa.dot.gov/ped_bike/tools_solve/docs/fhwasa18077.pdf

Pennsylvania's 2019 Active Transportation Plan

\$13.4 Billion



Inactivity Rate by County



Pennsylvania's 2019 Active Transportation Plan

Vision Statement

Biking and walking are integral elements of Pennsylvania's transportation system that contribute to community health, economic mobility, and quality of life.



Pennsylvania's 2019 Active Transportation Plan

Core Policy Statement

PennDOT shall make accommodations for active transportation a routine and integral element of planning, project development, design, construction, operations, and maintenance.

Pennsylvania's 2019 Active Transportation Plan

THEME 1: ENHANCE SAFETY



THEME 2: PROVIDE TRANSPORTATION EQUITY



THEME 3: CONNECT WALKING & BIKING NETWORKS



THEME 4: LEVERAGE PARTNERSHIPS



THEME 5: IMPROVE PUBLIC HEALTH



THEME 6: INCREASE ECONOMIC MOBILITY



Transportation and Climate Change

Increase PennDOT capacity to plan, design, construct, and maintain active transportation facilities that support and encourage users of all ages and abilities

Improve PennDOT processes to insure the needs of bicyclists and pedestrians are adequately identified during scoping for all project types

Support legislation and policies that improve opportunities for people who walk or bike

Transportation and Climate Change

Encourage mode shifts, reduce emissions of greenhouse gases, and provide a flexible and resilient transportation network

Engage in proactive evaluations and discussions on new and emerging technologies and mobility solutions

Improve non-motorized access to transit and other modal connections

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