In 20 minutes or less...
What is Active Transportation?

Active transportation is any self-propelled, human-powered mode of transportation, such as walking or bicycling.
Active Transportation in PA
201 pedestrian fatalities
18 bicyclist fatalities

4% of crashes but 18% of fatalities
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

<table>
<thead>
<tr>
<th>Distance</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Miles</td>
<td>10.1%</td>
</tr>
<tr>
<td>2 Miles</td>
<td>12.9%</td>
</tr>
<tr>
<td>1 Mile</td>
<td>16.15%</td>
</tr>
<tr>
<td>Less than 1/2 Mile</td>
<td>4%</td>
</tr>
</tbody>
</table>

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


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

30%
Pennsylvania’s 2019 Active Transportation Plan

Statewide Survey Analysis - Biking

How easy or challenging is it to bike in your community?
Answered: 13,819  Skipped: 0

- Very Easy: 680
- Easy: 1941
- Neither Easy nor Challenging: 3208
- Challenging: 5412
- Very Challenging: 2577

58%

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

Pennsylvania
DEPARTMENT OF TRANSPORTATION
### BICYCLIST DESIGN USER PROFILES

<table>
<thead>
<tr>
<th>Interested but Concerned</th>
<th>Somewhat Confident</th>
<th>Highly Confident</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>51%-56%</strong> of the total population</td>
<td><strong>5-9%</strong> of the total population</td>
<td><strong>4-7%</strong> of the total population</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Interested but Concerned</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Somewhat Confident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Generally prefer more separated facilities, but are comfortable riding in bicycle lanes or on paved shoulders if need be.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Highly Confident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comfortable riding with traffic; will use roads without bike lanes.</td>
</tr>
</tbody>
</table>

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**Source:** FHWA Bikeway Selection Guide - [https://safety.fhwa.dot.gov/ped_bike/tools_solve/docs/fhwsa18077.pdf](https://safety.fhwa.dot.gov/ped_bike/tools_solve/docs/fhwsa18077.pdf)
Pennsylvania’s 2019 Active Transportation Plan

$13.4 Billion

Inactivity Rate by County

- 29 - 31%
- 26 - 28%
- 21 - 25%
- 0 - 20%
Vision Statement

Biking and walking are integral elements of Pennsylvania’s transportation system that contribute to community health, economic mobility, and quality of life.
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
Pennsylvania’s 2019 Active Transportation Plan

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PennDOT
rgothie@pa.gov