

2023 ACTIVE TRANSPORTATION PROGRAM

BENEFITS REPORT

MAY 2024



2023 ACTIVE TRANSPORTATION PROGRAM

GOALS OF THE PROGRAM

- Increase walking & biking
- Increase safety & mobility
- Reduce Greenhouse Gases
- Enhance public health
- Benefit disadvantage communities

With the one-time augmentation, the 2023 ATP funded

OVER 3x
more projects

TOOLS USED TO MEASURE 2023 ATP BENEFITS

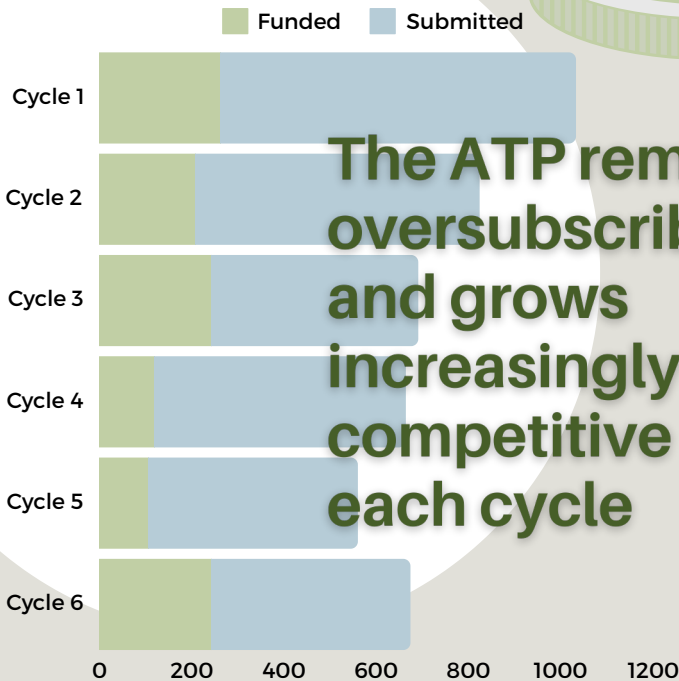
- California Active Transportation Benefits Calculator Tool (Active Transportation B/C Tool)
- Affordable Housing & Sustainable Communities Benefits Calculator Tool (AHSC Benefits Calculator Tool)

ACTIVE TRANSPORTATION B/C TOOL PHASE I measures increases in walking & biking, safety and emission reductions

AHSC BENEFITS CALCULATOR TOOL measures emission reductions

This tool was utilized to provide a comparison to the 2021 ATP Benefits Report.

The ATP remains oversubscribed and grows increasingly competitive each cycle



2023 ATP BENEFITS

241
Projects Funded

- 177** INFRASTRUCTURE PROJECTS
- 43** INFRASTRUCTURE + NON-INFRASTRUCTURE PROJECTS
- 7** NON-INFRASTRUCTURE PROJECTS
- 13** PLAN PROJECTS

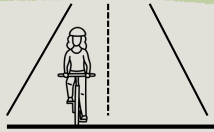
227*
Projects Benefit
Disadvantaged
Communities

133
Safe Routes to
School Projects

Projects Will Provide
Access to **Over**
14,000
Important Community
Destinations

OUTPUTS

Class I Bike Path



53 miles

Class II Bike Lane



103 miles

Class III Bike Route



86 miles

Bicycle Boulevard



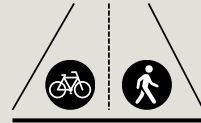
19 miles

Class IV Separated Bikeway



82 miles

Multi-Use Trails



57 miles

New Sidewalks



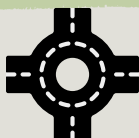
103 miles

Sidewalk Improvements



52 miles

Roundabouts



70

New & Enhanced Crosswalks



6,386

*Includes 2023 ATP Metropolitan Planning Organization component projects. 100% of projects in the 2023 ATP Statewide and Small Urban and Rural components will benefit disadvantaged communities.

ACTIVE TRANSPORTATION B/C TOOL

Benefits**

VMT REDUCTIONS



319 million
Vehicle Miles
Traveled Reduced

WALKING & BIKING INCREASES



648,100
Walk Miles
Traveled



499,400
Bike Miles
Traveled

BICYCLE & PEDESTRIAN SAFETY INCREASES



6,000
Fewer Crashes



5,500
Fewer Injuries



223
Fewer Fatalities

GHG & CRITERIA POLLUTANT REDUCTIONS

277.782 tons
Carbon Monoxide

CO

CO₂

89,000 metric tons
Carbon Dioxide

16.5347 tons
Nitrogen Oxide & Nitrogen Dioxide

NO_x

PM₁₀

0.5264 tons
Particulate Matter 10

THE B/C TOOL
MEASURED BENEFITS FROM **210**
OF THE **241** PROJECTS FUNDED
IN THE **2023 ATP**

The Active Transportation B/C Tool:

Quantifies Benefits For:

- All Permanent Bicycle & Pedestrian Infrastructure Improvements

Does Not Quantify Benefits For:

- Non-Infrastructure Elements*
- Quick-Build Projects
- Plans

*The Active Transportation B-C Tool only provides qualitative benefits for Non-Infrastructure project elements.

**20 year projections for all improvement types

AHSC BENEFITS CALCULATOR TOOL

THE AHSC BENEFITS CALCULATOR TOOL MEASURED BENEFITS FROM **196** OF THE **241** PROJECTS FUNDED IN THE **2023 ATP**

The AHSC Benefits Calculator Tool:

Quantifies Benefits For:

- Class I Bike Paths
- Class II Bike Lanes
- Bicycle Boulevards
- Class IV Separated Bikeways
- Sidewalks

Does Not Quantify Benefits For:

- Class III Bike Routes
- Non-Infrastructure Projects
- Plan Projects
- Quick-Build Projects
- Pedestrian Improvements Excluding Sidewalks (ADA curb ramps, curb extensions, crosswalks, sidewalk improvements)



Benefits

THE RESULTS FROM THE AHSC BENEFITS CALCULATOR TOOL ARE INCLUDED TO PROVIDE A COMPARISON TO THE 2021 ATP BENEFITS REPORT

GHG Emission
Reductions*

44,500
metric tons

Particulate Matter
2.5 Reductions

2.76
tons

Total Passenger
VMT Reductions

133 million
miles

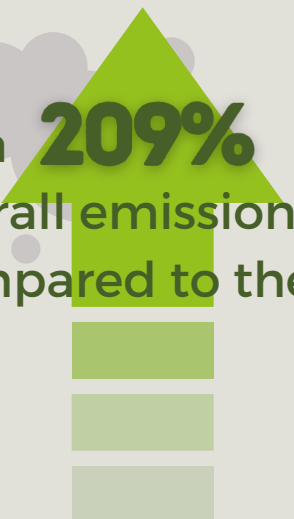
Local Reactive
Organic Gases

0.7555
tons

Reduced Fuel
Consumption

3.9 million
gallons

2023 ATP saw a **209%** increase in overall emission reductions compared to the 2021 ATP



*20-year emission reductions for Class I Bike Paths & Sidewalks.

15-year emission reductions for Class II Bike Lanes, Bicycle Boulevards & Class IV Separated Bikeways.

EMISSION REDUCTION EQUIVALENCIES

Based on the 89,900 metric tons of Carbon Dioxide Equivalent determined by the Active Transportation B-C Tool the GHG Emissions are equivalent to:

21,000 gasoline-powered passenger vehicles driven for 1 year
230 million miles driven by gasoline-powered passenger vehicle



TOOLS UTILIZED

Measuring the program's benefits demonstrates the program's critical contributions to meeting the state's climate and equity goals. To measure the 2023 ATP benefits, two different benefit calculators were used to assess outcomes – the California Air Resources Board's AHSC Benefits Calculator Tool and the new UC Davis Active Transportation B-C Tool. The AHSC Benefits Calculator Tool was utilized in this 2023 ATP Benefits Report to provide a comparison to the 2021 ATP Benefits Report.