This briefing explores the state of active transportation in the SCAG region, including the costs and economic impact* of transportation facilities and events, as well as estimates of savings from reduced vehicle-miles traveled made possible by active transportation trips.

Active Transportation Usage in the SCAG Region

In California the average person takes 3.6 trips per day. Collectively, individuals in the SCAG region alone make 8.6 million active transportation trips (walk, bike, or walk to transit) daily.

### Average Weekday Trip Length by Mode

- 1.61 Miles Walked
- 2.53 Miles Biked
- 5.28 Miles Traveled by Transit
- 6.20 Miles Driven in 2-Person Carpool
- 7.33 Miles Driven Alone

### Daily Trips in the SCAG Region by Mode

- 3.3 Million Hours of Daily Walking
- 1.9 Million Hours of Daily Biking
- 139 Thousand Hours of Daily Walking to Transit

Consumer Costs of Active Transportation

Travel costs vary by mode for residents in the SCAG region. Consumers spend money throughout the year on active transportation items—items such as tires, clothing, shoes, helmets, and parts. While these costs add up, it is relatively cheaper to own and maintain a bicycle ($0.05 per mile) compared to owning a car ($1.22 per mile).

### Yearly and Per Mile Costs by Mode

- Walk: $0.02, $30
- Bike: $0.05, $395
- Transit: $0.11, $1,182
- 2-Person Carpool: $0.72, $5,704
- Drive Alone: $1.22, $11,407

*Unless otherwise noted, all figures in this briefing are valued in 2011 dollars. For more information, see Appendix B of Economic Impacts of Active Transportation in SCAG Region (August 2016)*
Economic Impact of Active Transportation

Communities sometimes look to running or biking events as a community or economic development strategy. Large running events, such as the Los Angeles Marathon, generate the greatest revenue per participant. Conversely, open streets events, such as CicLAvia, generate very little revenue per participant, in part due to the lack of registration fees.

$200 Million
Approximate annual spending of cycling, running, and walking participants in SCAG region active transportation events

$10.5 Million
Estimated revenue generated per large running event

Active Transportation Investments and Returns

Investments in active transportation infrastructure maintenance and construction contribute the greatest amount to the economy. The 2016 Regional Transportation Plan (RTP) forecasts active transportation spending from 2016 to 2040 at $12.9 billion in 2011 dollar value. The average annual economic spending on active transportation infrastructure for years 1-5 totals $435 million per year, or $24 per capita per year. This will increase to $656 million per year or $36.41 per capita in years 6-20.

RTP Active Transportation Investment Areas

$2.8B Regional Trip Strategies
$2.2B Transit Integration Strategies
$7.6B Short Trip Enhancements (sidewalks and bikeways)
$288M Education and Encouragement Campaigns

Opportunities for Returns through Active Transportation Programming Implementation

$1.6 Billion
A rough estimate of annual consumer savings if half of the miles driven by a single-occupancy vehicle were walked or biked instead

2.3 Million
Estimated annual vehicle-miles traveled daily that could be eliminated in the year 2040 through RTP active transportation programming

$976 Million
Potential annual savings in the year 2040 from estimated reduced vehicle-miles traveled