



Clear Thinking. Clear Air.

AirQ Alternative Commute Dollars and Emissions Calculator

How much money can you save with alternative transportation? How much pollution can you personally avoid by doing the same? Find out with this handy calculator! Just fill in the information in the blanks. If you don't know the answer, that's okay. We've provided some default values. If you'd like some more information on these values or would like to get information that pertains to your commute, please see the resources listed at the bottom of the page.

Your Commute

What is the distance between home and your destination (one way, in miles)? _____

How many days per month do you make this trip? _____

What is the cost of gas per gallon? _____

What is your vehicle's gas mileage (miles per gallon)? _____

How much do you pay for parking each month at your destination? _____

What is your average cost per mile for maintenance and tires? _____

Estimated monthly cost of commuting*

*This cost does not include ownership costs, such as insurance, depreciation, taxes, etc. The national average for these costs is \$464.08 per month. If you can replace your car with alternative transportation, you may *add* this amount to your monthly savings.

Your Monthly Savings

Commuting Options	Monthly Savings
<i>If you ride the bus</i>	
What is the cost of your bus pass?	_____
<i>If you carpool</i>	
How many people are in the carpool?	_____
<i>If you walk to your destination</i>	
<i>If you bike to your destination</i>	
<i>If you join a vanpool (usually 8-12 people)</i>	
What is the monthly charge as a rider?	_____
What is the monthly charge as a driver?	_____

Our Monthly Air Quality Benefits:

Pounds of Pollution Eliminated with Each Commuting Option

Emissions eliminated	Ozone-producing (VOC and NO _x)	Greenhouse gas (CO ₂)	Carbon Monoxide (CO)
<i>Riding the bus</i>			
<i>Carpooling</i>			
<i>Walking</i>			
<i>Biking</i>			
<i>Vanpooling</i>			

Distances: Any online mapping program, such as www.maps.google.com

Gas prices: U.S. Department of Energy, <http://www.fueleconomy.gov/feg/gasprices/states/>

Gas mileage: U.S. Department of Energy, <http://www.fueleconomy.gov/feg/findacar.htm>

Maintenance, tires, and ownership costs: AAA Auto Club, <http://www.ouraaa.com/news/library/drivingcost/driving.html>

Kansas City area bus routes and fares, vanpools: KCATA, www.kcata.org ; JCT www.thejo.com

Carpooling resources: MARC Rideshare, <http://www.marc.org/rideshare/>

Bicycle and pedestrian resources: MARC Bike/Ped, <http://www.marc.org/bikeped/>