4,500 lbs. carbon dioxide (CO₂)
160 lbs. carbon monoxide (CO)
16 lbs. volatile organic compounds (VOCs)
16 lbs. nitrogen oxide (NOₓ)

Smaller amounts of benzene, formaldehyde, particulate matter and other toxic materials

Amounts emitted by a typical car traveling an 18-mile round-trip commute, 5 days a week, 48 weeks a year.

City of Cambridge
Community Development Department
Environmental and Transportation Planning Division

Sources: Metro Commuter Services
American Automobile Association
Arkansas Department of Environmental Quality
The REAL Cost of Driving Alone

Get your calculator ready, and find out how much money you could save by using an alternative transportation mode!

1. **Miles**

   Enter your total annual mileage here (for reference)  
   Total daily roundtrip miles to work/school \( \times \) Number of days worked per week \( \times \) Number of weeks worked per year = Total annual commute miles

2. **Gasoline**

   Gasoline cost per gallon \( \div \) Vehicle miles per gallon = Gasoline cost per mile

3. **Maintenance and Repair** (including tire costs)

   Choose the vehicle type, below, that most closely matches your vehicle (2011 AAA statistics):

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>Type</th>
<th>Cost per Mile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honda Civic</td>
<td>(small sedan)</td>
<td>$0.048</td>
</tr>
<tr>
<td>Ford Fusion</td>
<td>(medium sedan)</td>
<td>$0.054</td>
</tr>
<tr>
<td>Nissan Maxima</td>
<td>(large sedan)</td>
<td>$0.060</td>
</tr>
<tr>
<td>Ford Explorer</td>
<td>(SUV)</td>
<td>$0.059</td>
</tr>
<tr>
<td>Dodge Grand Caravan</td>
<td>(minivan)</td>
<td>$0.053</td>
</tr>
</tbody>
</table>

4. **Insurance, License and Registration**

   Annual insurance cost + Annual license & registration fees \( \div \) Total annual miles driven = Insurance, license, & registration cost per mile

5. **Depreciation** (For a sedan the average is 25 cents/mile and 31 cents/mile for SUV or minivan based on 15,000mi/year)

   Vehicle purchase price - Projected trade-in value \( \div \) Years vehicle will be owned \( \div \) Annual miles driven = Depreciation per mile

6. **Total Annual Driving Costs**

   Gasoline cost per mile + Maintenance & repair cost per mile + Insurance, license & registration cost per mile + Depreciation cost per mile = Driving costs per mile

   Driving cost per mile \( \times \) Annual miles driven = Total annual driving costs

   (The 2011 AAA average is $9,400 based on 15,000mi/year)

7. **Total Commute-Related Driving Costs**

   Driving cost per mile \( \times \) Total annual commute miles + Annual parking fees at work/school = Total annual cost of drive-alone commuting

   ( \( \times \) ) + =