Transportation

**ELECTRIC VEHICLE GOALS**

<table>
<thead>
<tr>
<th>Year</th>
<th>Goal Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2025</td>
<td>15% of Denver vehicle registrations are electric</td>
</tr>
<tr>
<td>2030</td>
<td>30% of Denver vehicle registrations are electric; 100% of EVs are powered by 100% renewable electricity</td>
</tr>
<tr>
<td>2050</td>
<td>100% of light duty vehicles are electric</td>
</tr>
</tbody>
</table>

**GETTING TO WORK GOALS**

<table>
<thead>
<tr>
<th>Mode</th>
<th>Current</th>
<th>2030</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walk or Bike</td>
<td>6%</td>
<td>15%</td>
</tr>
<tr>
<td>Telecommute or Carpool</td>
<td>16.7%</td>
<td>20%</td>
</tr>
<tr>
<td>Public Transit</td>
<td>6.8%</td>
<td>15%</td>
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</tbody>
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**2050 GOALS**

- 75% of freight trucks will use carbon neutral fuel
- 100% of taxis and transportation network vehicles are electric
- 100% of public transportation will be carbon free

**WHAT DENVER IS CURRENTLY DOING**

- Electrifying City fleet vehicles and installing EV charging stations
- Outreach and education on the benefits of electric vehicles
- Supporting the electrification of rideshare vehicles
- Requiring new commercial & multi-family construction to support EV charging
- Dedicating space to buses on high capacity routes
- Working to increase frequency of buses on key corridors
- Building 125 miles of bikeways within 5 years
- Building sidewalks and improving intersections
- Including programs & policies in development to expand transportation options

**EMISSIONS TRENDS**

- Vehicle emissions rising in recent years
- Long turn over time to replace inefficient vehicles since they last 15 years
- Population increases combined with individuals driving more miles have outpaced vehicle efficiency gains
Financial incentives and public transportation improvements drive change

- Seattle decreased private vehicle commuting 10% and increased bus ridership 8% since 2010 by changing the frequency of bus arrivals, and bridging the gap between agencies and local employers.
- Transportation emissions in Portland have decreased by 14% since 2002 due to connected neighborhoods, and a shift towards using public transportation, biking, and walking.
- New York City has added ~54 miles of bike lanes per year since 2007 and Chicago has added ~27 miles per year since 2011, leading to more riding bikes and lower injury rates for people riding bikes.

Investment in EV charging stations (EVSE) is needed to drive adoption

- Portland has successfully streamlined EVSE Permitting & Interconnection through EVSE guidelines and checklist.
- Portland has achieved an overall 7% reduction in gasoline sales (1990 baseline) in part due to increased EVSE infrastructure.
- Los Angeles has installed more than 130 EVSEs on light poles with hundreds more planned, giving residents more public charging options.