

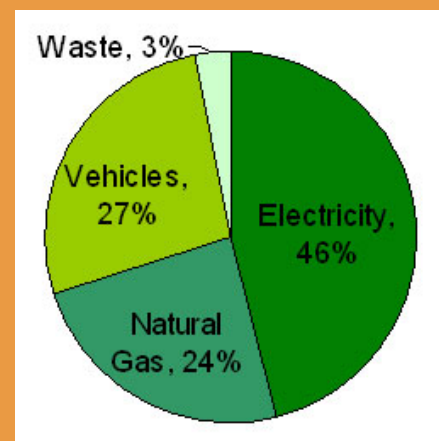
# Getting There Green Guide

Transportation accounts for a large portion of the energy used globally. Transportation helps to move raw materials, ship consumer products, move food and gets people around. In Calgary, vehicles account for 27% of the total greenhouse gas emissions generated. Making changes to our personal and work related driving habits, choosing alternatives and increasing active transportation can make a big difference.

The following vehicles are responsible for Canada's cumulative greenhouse gases emissions related to personal transportation. In order from highest to lowest GHG's:

- |                 |      |
|-----------------|------|
| 1. Cars         | 47%  |
| 2. Light Trucks | 31%  |
| 3. Air          | 18%  |
| 4. Buses        | 4%   |
| 5. Motorcycles  | > 1% |
| 6. Rail         | > 1% |

*Pembina Institute*



**Green House Gases in Calgary –  
City of Calgary**

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## GREEN DRIVING HABITS

Calgary has two vehicles for every four people, making our city very vehicle-centric. Green Calgary encourages people to look for active transportation options (i.e. walking, cycling) or alternative transportation options whenever possible. Green Calgary understands people will continue to own and use cars. Therefore we encourage Calgarians to adopt green driving habits. Most people can increase their fuel efficiency and reduce their greenhouse gas emissions by implementing a few simple ideas while driving.

- [Choosing the right vehicle](#)
- [Driving courteously](#)
- Driving smart
- [Not idling](#)
- [Good vehicle maintenance](#)

## CHOOSE THE RIGHT VEHICLE

Source: Pembina Institute

### Use

Many vehicle purchase decisions are based not on most frequent uses of vehicle (i.e. commuting, groceries etc) but rather on exceptional or rare uses (i.e. camping, ski trips, off-roading). As a result, Calgarians pay for and use vehicles for which they seldom need the max. capacity/utility. Green Calgary encourages Calgarians to purchase vehicles that are suited to 90% of their families' use. With your cost savings on purchase price, insurance and fuel, you could rent or car share the vehicles needed the other 10% of the time - and enjoy the savings!

### Age - Trade in an old gas guzzler

#### **Purchase a fuel-efficient vehicle.**

Choose a vehicle that is the right size for MOST of your needs. Money saved on size can be put towards a rental vehicle when needed.

#### **Newer vehicles tend to have higher fuel efficiency.**

"Wes Quintin ... sold his 1994 Grand Prix and bought a 2007 Toyota Corolla, which uses 36 per cent less gas." *Emma Gilchrist, Calgary Herald.*

#### **Car Heaven - Retire your ride**

Trade-in incentives include a \$700 gift certificate for a new vehicle, \$300 towards a new bike or 6 months of transit passes.

#### **Think about size**

A 10% reduction in vehicle weight means a 6% improvement in fuel efficiency.

#### **Manual Transmission**

Proper use can mean 5-10% reduction in fuel consumption.

#### **Luxuries**

Air conditioning and power windows maybe not. Aluminum wheels are a good choice.

### **Curb speeding**

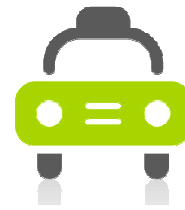
Fuel efficiency plummets as speed increases.  
Most fuel efficient speed is 60km/h.

### **Turn off race car dreams**

Much of our wasted fuel comes from starting too quickly.

### **Plan better in order to make fewer trips**

Many small trips waste more gas than one big trip.  
Avoid peak times.



## GO IDLE FREE!

Source: CAA, Environmental Canada, and Climate Change Central

### **Idling for more than 10 seconds wastes more fuel than restarting your engine**

Idling produces more emissions per minute than driving.

The vehicle's engine is working below its peak temperature and so does not combust fuel completely. That is why winter emissions from an idling vehicle are more than double those when you do a "cold start."

Traffic areas around schools – where vehicles are often left idling – often show significantly higher pollution levels both outside and inside the buildings.

Most people would save an average of \$46/year in gasoline costs if they stopped idling.

## GOOD VEHICLE MAINTENANCE

Source: CAA and Pembina Institute

### **Ensure your tire pressure is right**

Under-inflated tires are estimated to cost Canadian light-duty vehicle owners almost 643 million litres of fuel annually.

Under inflation of 2psi means a 1% increase in fuel consumption per tire!

### **Fix leaks**

Oil leaks from cars are washed away by rain and 80% of Calgary storm drains go directly into the river.

### **Block Heaters**

Using a block heater can increase winter fuel efficiency by 10%.

Place your block heater on a timer. It only needs to be on one hour before driving.

### **Get regular tune ups**

Virtually all components of your car affect fuel efficiency and performance, so maintain your baby properly. A clogged air filter, for example, can increase fuel consumption by 10%.

# TRANSIT IN CALGARY

## Calgary Transit (since 1909)

<http://www.calgarytransit.com/>

One-way fare - \$2.25

Adult daily - \$6.75

Adult monthly - \$75.00

## Park and Ride Locations:

Northwest LRT	Northeast LRT	South LRT
McMahon Stadium (close to Banff Trail Station) 225 Brentwood Station 394 Dalhousie Station	Barlow/Max Bell 50 -- Franklin Station (North Side) Franklin Station (South Side) Marlborough Station (Sears Mall) Marlborough Station (Canadian Tire Mall) Rundle Station - Sunridge Mall Whitehorn Station McKnight-Westwinds Station	39 Avenue Station (East Side) 39 Avenue Station (West Side) Chinook Station Heritage Station Southland Station Anderson Station (Paved Stalls) Anderson Station (Gravel Stalls) Canyon Meadows Station Fish Creek/Lacombe Station Shawnessy Station Somerset/Bridlewood Station

## Park and Bus Locations:

North	Southwest
Centre St. & 36 Avenue N Centre St. & 78 Avenue N (Huntington Hills Community Centre) 14 St. & Northmount Dr. N.W. Cornell Rd. & west of 14 St. N.W. (Georgina Thompson Library) 34 St. & Parkdale Blvd. N.W. Sandstone Dr. & Berkshire Blvd. N.W. North Pointe (Harvest Hills Blvd. at Country Village Way)	Bow Trail & 45 Street S.W. Richmond Road, Canadian Tire Sirocco Drive Westside Regional Recreation Complex

## Transit Benefits

Tax credit for public transit passes.

<http://www.cra-arc.gc.ca/whatsnew/items/transit-e.html>

You receive \$135.00 back annually for 12 months of adult passes.

## Reduced air pollution and GHG emissions

One bus can carry 41 passengers and three C-Train cars can carry over 600 passengers.

## BIKING OPTIONS

Use bike lanes.

Established on 10th Ave and 2 St. SW.

Ask your employer for secure bike lock up.

### Park and Bike Locations

Northwest	Southwest	Northeast	Southeast
Home Road	Edworthy South	Vista Heights	Max Bell Arena
Edworthy North	Sandy Beach		Pearce Estates

### Benefits of Biking

Faster to go 5 km by bike in the city centre than by car.

Do not need to pay for a gym membership.

Enjoy the paths and nature we have.

### Other Options

[Carpool.ca](#)

[Catco](#)

Walking

[Walking school bus](#)

Canoeing



## YEAR-ROUND ACTIVITIES OF GREEN CALGARY

***Empowering Calgarians to create healthy homes and communities by providing environmental education, products and services.***

Green Calgary offers a variety of programs to help achieve mandates of waste reduction and water protection including:

### Environmental Education

Green Calgary is pleased to offer a wide variety of presentations to businesses and employees to help answer tough questions about the environment, explain how to practically become green and share Calgary-specific knowledge. These can be done as part of a staff meeting, as a 'Lunch and Learn' or any other time.

**Waste at Work:** Reducing your company's environmental footprint

**Green Procurement:** Using buying power to influence change

**Waste at Home:** How individuals can make a difference in daily life

**Getting There Green:** Environmentally friendly driving and alternative transportation

**Green Cleaning:** How to improve indoor air quality and choose green products

**Composting:** Learn how to recycle your organic waste and make great fertilizer

**Vermicomposting:** Don't have a yard? Learn to compost indoors with red wiggler worms!

Please contact the Education team at [403] 230 1443 ext 225 or [education@greencalgary.org](mailto:education@greencalgary.org) for more information or to book. Member discounts apply.

## Healthy Homes Calgary

The Healthy Homes Calgary program is our newest residential service, providing free home visits to Calgarians interested in creating a healthy living environment, while reducing the home's "eco-footprint". We will provide the tools and information needed to improve indoor air quality, energy and water efficiency, waste reduction, and more.

Please call Ashley at [403] 230 1443 ext. 223 or email [ashley@greencalgary.org](mailto:ashley@greencalgary.org).

## Commercial Environmental Services

Assisting companies to reduce their environmental impact associated with waste. We offer customized, one-on-one service and the information, education, resources and tools necessary to divert waste from landfill and help reach your waste-diversion goals.

Services include:

- Waste Reduction Solutions / Consultation
- Online Recycling Directory
- Waste Measurement Toolkit Assessments
- Calgary Materials Exchange - [www.cmex.ca](http://www.cmex.ca)

Please call Sarah at [403] 230 1443 ext. 226 or email [sarah@greencalgary.org](mailto:sarah@greencalgary.org).

## EcoStore - selling environmental products that reduce our environmental footprint

The Green Calgary EcoStore sells products that are environmentally sustainable and help to reduce waste and conserve water. Products include compost bins, recycling bins, rain barrels, water saving kits and much, much more. Visit the website for details: [www.greencalgary.org](http://www.greencalgary.org)

We are wheelchair accessible and located in downtown Calgary on the southwest corner of 4th Avenue and 7th Street SW.

**809 Fourth Avenue SW**

**[403] 230 1443 ext. 222**

Open Tuesday and Wednesday 10-5:30

Thursday 10-7

Friday and Saturday 10-4

Closed Sunday and Monday

## Information Services & E-newsletter

We respond to thousands of public requests for environmental information. Calgarians want to know how to recycle their household waste and otherwise reduce their environmental footprint.

Please contact Green Calgary if you would like more information about our programs or if you are interested in volunteering.

809 Fourth Ave SW, Calgary, AB T2P 0K5

Phone: [403] 230 1443 | Fax: [403] 398 0605

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