

The Problem: Cars & Trucks Create Air Pollution

Since the 1970s, the auto industry has made great progress in increasing vehicle fuel economy and reducing air pollution from vehicle exhaust. However with more vehicles than ever on our roads traveling more miles, New Hampshire continues to face environmental and public health challenges.



Vehicle tailpipe emissions account for almost one-third of the air pollution in the United States.

Impacts of Air Pollution on Your Health and the Environment

Motor vehicles produce:

- Pollutants that react to form ground-level ozone or “smog,” a respiratory irritant that damages lung tissue.
- Carbon monoxide, a poisonous gas that reduces the delivery of oxygen to tissues and organs.
- Toxic air pollutants that pose potential long-term health risks, including cancer.
- Over 1.7 billion metric tons of greenhouse gases released into the atmosphere each year—mostly in the form of carbon dioxide (CO₂). Each gallon of gasoline burned creates 20 pounds of CO₂; about 5-9 tons of CO₂ each year for a typical vehicle.

The Solution: Cleaner, More Fuel Efficient Vehicles

Many new cars are available that get better fuel economy and have lower emissions. These vehicles are **good for you and good for the environment.**

Benefits of Cleaner Cars

Save Money. A vehicle that gets 33 mpg highway will cost you \$1,064 less to fuel each year than one that gets 20 mpg (15,000 miles/year at \$3.60/gal.). A savings of \$5,320 over a five-year period.

Protect Public Health and the Environment. Cleaner cars protect public health by reducing smog-forming emissions and toxic air pollutants. They also help protect New Hampshire’s environment by reducing pollutants that contribute to climate change and acid rain.

Strengthen National Energy Security. Improved fuel economy helps to reduce our dependence on foreign oil and protect the U.S. economy. About 46% of the oil used to produce each gallon of gasoline consumed is imported. Petroleum imports cost the U.S. \$434 billion in 2012 – that’s money that could be used to fuel our own economy.

Conserve Resources for Future Generations. The U.S. uses about 18.8 million barrels of oil per day, two thirds of which is used for transportation. The use of fuel efficient vehicles helps to preserve this limited resource.

You Can Help: Be A Smart Consumer!

Smart consumers take positive steps toward protecting the environment and our nation’s energy security by purchasing cleaner, more fuel efficient vehicles. These vehicles come in all shapes and sizes, so consumers need not sacrifice utility or size.

Look for Higher Fuel Economy Ratings

Purchase a fuel efficient vehicle. An increase in 10 mpg fuel economy rating can:

- Save you \$4,200 in fuel costs over five years, based on \$3.60 per gallon.
- Reduce up to 4.5 tons of carbon dioxide emissions.

Look for Lower Emissions

Purchase a cleaner vehicle. Look under the hood for the emissions rating information from the manufacturer. Choose a vehicle certified to at least a low emissions vehicle (LEV) rating or cleaner.



It’s easy to compare fuel economy and air pollution ratings of different makes and models *before* you buy a car. Visit:

www.fueleconomy.gov
www.epa.gov/greenvehicles
www.cleancars.nh.gov

Granite State Clean Cars Are Here

New Hampshire car dealers are voluntarily participating in a program to help car shoppers identify less polluting, more fuel-efficient new vehicles. Through the **Granite State Clean Cars Program**, participating dealers place a decal in the window of new vehicles that meet environmentally superior performance ratings. The label means the vehicle:

- Has a highway fuel economy rating of 33 miles per gallon or better.
- Is classified as a low emission vehicle or better.

Over 25 manufacturers now produce nearly 500 different varieties of new cars that meet these ratings. **Ask your participating dealer about Granite State Clean Cars and look for this label.**



Look for this label!

Partnership for Cleaner Cars

The New Hampshire Automobile Dealers Association, Granite State Clean Cities Coalition, the Appalachian Mountain Club, Breathe New Hampshire, and the New Hampshire Departments of Environmental Services and Transportation have teamed up to inform the public about cleaner, more fuel efficient vehicles.



nhada.com
(800) 852-3372



granitestatecleancities.nh.gov
(603) 271-6751



breathenh.org
(800) 835-8647



outdoors.org
(603) 466-2721



des.nh.gov
(603) 271-1370



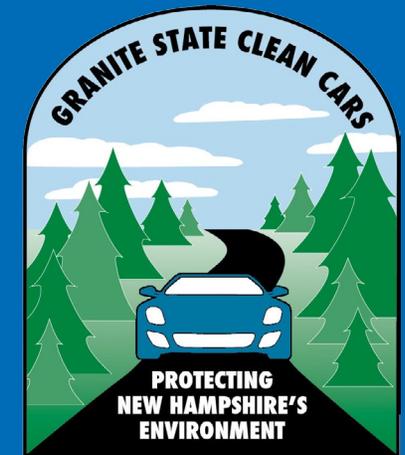
nh.gov/dot/
(603) 271-3734

To learn about the program or find a participating dealer, visit

www.cleancars.nh.gov

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Cleaner Cars for New Hampshire



Save money with higher fuel economy.

Reduce air pollution.

Protect your health and the environment.

Here's how ...

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