



# ENERGY SAVINGS TIPS: ON THE GO



## Road rage does not pay. Always drive with Aloha.

Aggressive driving can **lower your highway gas mileage by 15% to 30%** and **your city mileage by 10% to 40%**. A 40% reduction in gas mileage could **cost you \$1.40** over 10 miles.

Source: [US Department of Energy](#).



## Do not let your vehicle idle for long periods.

Idling can use a quarter to half a gallon of fuel per hour, depending on the engine size and A/C use, adding up to **four cents of wasted fuel a minute**.

Source: [US Department of Energy](#).

## Keep your engine properly tuned.

Fixing a serious maintenance problem, such as a faulty oxygen sensor, can **improve gas mileage by as much as 40%**, which could **save you up to \$700 a year**.

Source: [US Department of Energy](#).



## Reduce drag by placing items inside the car or trunk rather than on roof racks.

The drag can **decrease your gas mileage by up to 8% in city driving** and **up to 25% at highway speeds**, which could **cost you up to \$800 in a year**. Source: [US Department of Energy](#).



**Plan your trip ahead to combine errands - several short trips, each one taken from a cold start, can use twice as much fuel as one trip covering the same distance when the engine is warm.** Source: [US Department of Energy](#).



## Don't use your car as storage - keep it as light as possible.

An extra 100 pounds in your vehicle could **reduce your gas mileage by about 1%**, which could **cost you up to \$25 a year**.

Source: [FuelEconomy.Gov](#)



## Keep your car and bike tires properly inflated.

10% of a vehicle's useful energy is used to overcome rolling resistance. By keeping tires inflated to the recommended pressure, drivers can **improve their gas mileage by up to 3%**, which could **save you \$70 a year**. Source: [US Department of Energy](#).



## Use public or active transportation instead of driving.

The average cost of car ownership in Hawai'i is **\$8,100 annually**.

Source: [Ulupono Initiative](#)



Savings calculated per \$5.25/gallon, baseline gas mileage 25 MPG, 11,688 miles driven per year (average for Hawai'i). Subject to wide variation per person.

## Resources

**Tip 1-5:** U.S. Department of Energy. [https://www.energy.gov/energysaver/saving-money-gas#:~:text=Driving%20Tips\\*,of%20wasted%20fuel%20a%20minute](https://www.energy.gov/energysaver/saving-money-gas#:~:text=Driving%20Tips*,of%20wasted%20fuel%20a%20minute)

**Tip 6:** Fuel Economy Gov: <https://www.fueleconomy.gov/feg/driveHabits.jsp>

**Tip 7:** U.S. Department of Energy. <https://www.energy.gov/eere/articles/eere-energy-impacts-self-inflating-tires-could-save-you-money-gas-improve-driving#:~:text=In%20fact%2C%2010%25%20of%20a,%240.10%20per%20gallon%20of%20gasoline>

**Tip 8:** Ulupono Initiative. <https://www.civilbeat.org/2022/03/why-it-costs-so-much-to-own-a-car-in-hawaii/#:~:text=According%20to%20a%202021%20study,incloding%20gas%2C%20mainenance%20and%20insurance.>