



## DRIVE SMART JULY ENERGY ACTION SHEET

This month's projected annual savings: up to \$165; 1.7% of energy use

### This month, if you drive,

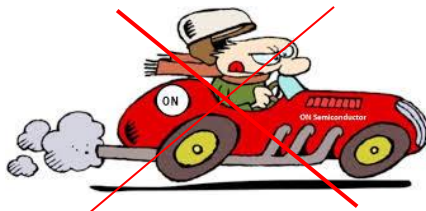
- **slash your gas use by 16% to 68% by:**

Keeping to the speed limit: driving 60 instead of 75 mph increases miles per gallon by about 18%. Typically, each 5 mph you drive over 50 mph is like paying an additional \$0.22 per gallon.

Driving smoothly: avoid jackrabbit starts, erratic speeds & late braking. You'll save gas and pay less at the pump by accelerating gradually, keeping a steady speed, and braking slowly.

- decide what you'll purchase next. **A fuel-efficient car can cut your gas use in half for years to come.**

***Transportation accounts for over a quarter of an average household's energy footprint - but smooth driving can cut your gas use in half. That's like paying \$2 less per gallon.***



### Gas and Financial Savings from Driving Smoothly within the Speed Limit

Type of Driving	Urban (low speed)	Highway (moderate speed)	Interstate (high speed)
Fuel savings	25% to 68%	20% to 46%	16% to 35%
\$ savings per gallon*	\$0.75 to \$2.04	\$.60 to \$1.38	\$0.48 to \$1.05

\* Assumes gas cost of \$3 per gallon.



References available upon request from [CreationCarePartners@gmail.com](mailto:CreationCarePartners@gmail.com). This This info sheet employs the Task of the Month concept developed by Dr. Stephanie Kimball for Earth Care, an affiliate of Hoosier Interfaith Power & Light.

## HOW TO DO IT: SELECTING YOUR NEXT, FUEL-EFFICIENT CAR

### Tips

- Find types, makes, models, fuel economy and more [here](#). Find prices [here](#).
- Get a car for your *ordinary* needs. For unusual needs, rent a pickup or SUV. Buying a vehicle for infrequent needs is costly and will waste a lot of fuel.
- Don't purchase a pickup unless your paycheck depends on it.
- Safety depends on a vehicle's design – [not on its weight and size](#). Find safety ratings [here](#).
- There's a healthy market for [used hybrids](#).

### Examples of Gas Use & Costs for Different Types of Vehicles

Vehicle	Miles per gallon or kWh	Gallons or kWh per year	Gallons saved – 5 years	\$ saved – 5 years
2016 Ford pickup	21 per gal	571 gal	- 855	- \$2600
2016 Chevy SUV	23 per gal	521 gal	- 605	- \$1800
2016 Chevy car	30 per gal	400 gal	0	0
2016 Prius Hybrid	52 per gal	231 gal	845	\$2400
Nissan Electric	5.14 per kWh	2335 kWh	---	\$2400
Bicycle	Unlimited!	0	305	\$900

Assumes: annual travel – 12K miles; gas - \$3 per gallon; electricity - \$.14 per kWh; bike replaces 5 miles of daily driving. Savings is calculated relative to the 2016 Chevy car.

### Estimated Annual Savings

### Energy Footprint

Become a smooth driver

(cut out speeding, sudden acceleration & late braking)

varies

Purchase a more energy efficient car (go from 20 to 40 mpg) OR

9%

Purchase a hybrid car (go from 20 to 50 mpg)

12%

Based on a 3-person household and a gas price of \$2 per gallon.



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