

A jet with 100 passengers can use about the same amount of fuel as hundred cars driving to the same destination (though it will get there faster.)

The global average temperature for January 2007 was the highest on record.

Recycling plastics uses only about 10 percent of the energy that it takes to make a pound of plastic from virgin materials (mostly oil.)

If every household in the U.S. replaced one incandescent light bulb with a compact fluorescent, the pollution equivalent of one million cars would disappear. Wouldn't it be great to make a million cars disappear?!

The average car emits about one pound of CO₂ per mile driven. It has gas.

UCSB's Facilities Management estimates that computers use about 14% of the electricity used on campus. Kill a watt when not using it!

It is now illegal to throw batteries in the trash in California., though probably few people know this!

Most American homes use hot water tanks that keep 25 to 50 gallons of water hot 24 hours a day. It's a comforting thought while at work.

Much of our electronic waste gets shipped to poor countries so that THEY can suffer the leaching toxins while trying to recover reusable materials from it.

The average American uses $\frac{1}{4}$ to $\frac{1}{3}$ of a ton of paper each year. About half of that is recovered for recycling.

One ton of recycled paper uses: 64% less energy, 50% less water, 74% less air pollution, saves 17 trees and creates 5 times more jobs than one ton of paper products from virgin wood pulp.

Every mile per hour that you drive faster than 55mph, your fuel economy goes down by 2%. So at 70, you get close to half the miles per gallon than you would at 50 mph!

Every 5mph you drive over 60, you're paying about an additional 30 cents per gallon.

Aggressive driving (speeding, rapid acceleration and braking) wastes gas. It can lower your gas mileage by 33 percent at highway speeds and by 5 percent around town.

1.5 billion barrels of oil are used each year to produce water bottles. Wow.

Human Ecology - the relationships between human beings and our natural and social communities.

In many African countries women and children spend hours every day simply getting the water they need.

In the Brazilian Amazon, a total of 16.5% of the forest (230,000 square miles, an area nearly the size of Texas) was affected by deforestation by 1988.

Research has found that saving old growth forests would be of greater value than planting new ones in mitigating atmospheric carbon increases.

Anthropocene: a new term to suggest the time period in Earth's history, from the late 1700s, when the human footprint began to grow to a monstrous size.

What if all our garbage went into a landfill in the backyard?

Average American fuel efficiency has not changed in 10 years.

There are now more SUVs and trucks than cars on the road in the U.S.

Too bad we flush our toilets with drinking water.

American burgers eaten per capita estimates range from 1 to 3 per week, and that includes babies!

Livestock are responsible for more greenhouse gas emissions than transportation.

In 2005, plastics accounted for about 12% of the trash generated by Americans, and about a third of it was recycled.

Once you get out of the habit of getting into your car, it's often actually more fun getting places!

My own actions may produce negligible effects, but multiplied by millions CHANGE CAN HAPPEN!

One kilowatt-hour of electricity = 4 evenings of TV (the old fashioned kind).

One kilowatt-hour of electricity = drying your hair 15 times.

One kilowatt-hour of electricity = between 1 and 2 lbs. of CO₂ emitted.

Bicycles are the most efficient method of transporting a human, at about 35 calories of energy per passenger mile, while walking uses about 100 and cars use about 1860 calories per mile.

240 trees would be needed to absorb the average CO₂ emitted by a car in the U.S. each year, and there are 230 million vehicles registered!

5% of the world's population live here in the U.S., and we own 30% of the world's cars. Boy, are we successful!

Cattle in the U.S. are slaughtered at between 1 and 2 years of age. In Brazil they get to live another year or so.

"Nothing will benefit human health and increase chances for survival on earth as much as the evolution to a vegetarian diet." -- Albert Einstein

"The greatness of a nation and its moral progress can be judged by the way its animals are treated. I hold that, the more helpless a creature, the more entitled it is to protection by man from the cruelty of man." -- Mohandas Ghandi

Grass fed cattle are healthier and get to live up to a year longer.

Livestock production is responsible for more global warming emissions than transportation, globally.

Cows. . They don't have to be dinner!

Though we always hear about CO₂, methane and nitrous oxide gases are usually in smaller concentrations, but have far greater global warming potential.

Americans eat an average of ½ lb. of meat per day.

Researchers at the Univ. of Chicago found that the average American diet is responsible for 1.5 tons of greenhouse gas emissions annually, compared to a vegetarian diet.

4 to 5 trillion plastic bags were produced in 2002.

Since Ireland placed a tax on plastic bags, the revenue of millions of euros has been poured into recycling facilities.

San Francisco is considering a ban on plastic bags.

A gyre in the North Pacific has a mass of floating plastic garbage the size of Texas.

Less than 5% of all plastic produced is recycled.

The average American is responsible for roughly 100 lbs. of CO₂ per day.

p.3 – (17) researched and submitted by Barbara Hirsch