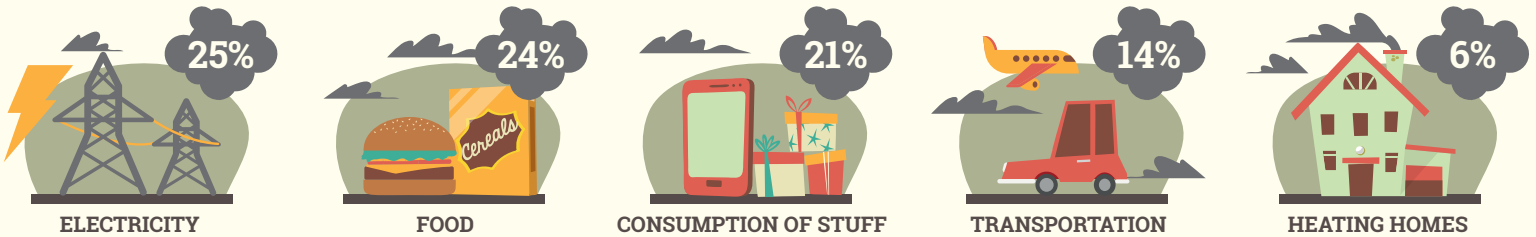


# CARBON FOOTPRINT FACTS

## CARBON DIOXIDE (CO<sub>2</sub>)

is a greenhouse gas that traps heat/energy which changes our climate and weather. CO<sub>2</sub> enters the atmosphere through the burning of fossil fuels (like coal, oil & gas) which we use for electricity, manufacturing, heating our homes, and powering our cars, planes, and trains for transportation.

## MAJOR CAUSES OF YOUR FOOTPRINT



20 TONS

THE AVERAGE U.S. INDIVIDUAL FOOTPRINT IS 20 TONS.  
THE WORLD AVERAGE IS 4 TONS

## CO<sub>2</sub> FOOTPRINT ESTIMATES



## TOP 5 COUNTRY CO<sub>2</sub> EMITTERS

	Global emissions	Population
CHINA	22%	1.4 billion
UNITED STATES	14%	325 million
EUROPEAN UNION	10%	500 million
INDIA	7%	1.3 billion
RUSSIA	5%	145 million

The top 3 greenhouse gas emitters are China, the European Union and the United States. They contribute more than half of the world's global emissions, while the bottom 100 countries account for 3.5%.

## WHAT YOU CAN DO TO REDUCE YOUR FOOTPRINT



### HOMES

- Turn down your home thermostat
- Solar panels to heat your water
- Better insulation for your home
- Use a fan to circulate the air



### FOOD

- Buy local produce
- Meatless Mondays
- Recycle & compost in the kitchen



### TRANSPORTATION

- Ride your bike to work or school
- Drive a hybrid car or smaller car
- Take public transport



### CONSUMPTION OF STUFF

- Buy less stuff
- Reuse stuff



Trees sequester carbon. One mature tree can absorb on average **48 pounds** of carbon per year. One ton is equal to **2226 pounds** of carbon.

**46 TREES PLANTED CAN REDUCE 1 TON OF CARBON.**