

CPSG101 Carbon Footprint Infographic

- Apartment Building of over 5 units
- Housing size of over 4,000
- 1-49% solar/wind/hydropower/nuclear used
- 545 residents
- Average omnivore diet
- Flies 3500 miles a year
- No average total weekly travel via above-ground rail
- No average total weekly travel via below ground rail
- 2 mile average of total weekly travel via bus
- No automobile or motorbike

University Freshman

9.76 TONS OF CO2 PER YEAR

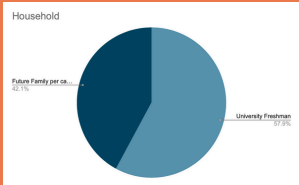
3.55 HECTARES OF TROPICAL FOREST

Future Family

18.35 TONS OF CO2 PER YEAR
6.67 HECTARES OF TROPICAL FOREST

- Detached single family home
- Housing size between 3,000-3,999
- Most solar/wind/hydropower/nuclear used
- 4 residents
- Average omnivore diet
- Flies 8000 miles a year
- No average total weekly travel via above-ground rail
- 3 mile average of total weekly travel via below ground rail
- 2 mile average of total weekly travel via bus
- Electric vehicle with annual average distance of 12 miles and an average fuel economy of 300 mpg

Household



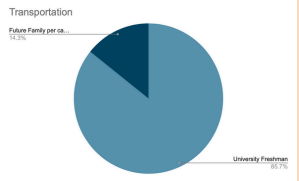
The University Freshman's average household and food is 4.03 tons of carbon dioxide per year.

The Future Family's average household and food is 2.93 tons of carbon dioxide a year per capita.

Their difference is 1.1 tons but if we compared these averages with the Future Family as a whole (4 members), then the difference would be 7.7 tons.

Even though Freshman's housing size is bigger, the number of residents are much greater than Futures'.

Transportation



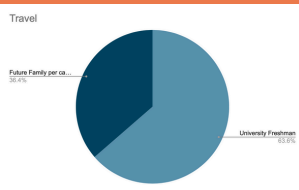
The University Freshman's average transportation is 0.03 tons of carbon dioxide per year.

The Future Family's average transportation is 0.005 tons of carbon dioxide a year per capita.

Their difference is 0.025 tons but if we compared these averages with the Future Family as a whole (4 members), then the difference would be 0.01 tons.

Future Family has an electric car and travels much more than Freshman.

Travel



The University Freshman's average travel is 0.7 tons of carbon dioxide per year.

The Future Family's average travel is 0.4 tons of carbon dioxide a year per capita.

Their difference is 0.3 tons but if we compared these averages with the Future Family as a whole (4 members), then the difference would be 0.9 tons.

Future Family has flown 4,500 miles more than Freshman, which would explain its percentages.