# CPSG101 Carbon Footprint Infographic
# -– Cameron Class
# 3/11/25

**For visualization purposes:**
**1 hectare = 10,000 square meters = 2.471 acres = 107639.10417 square feet**

## Individual Carbon Footprint (College Freshman

| | | |
|---|---|---|
| Total Carbon Footprint | 12.68 metric tons CO2/year | Higher than planetary average (5.5 t CO2/year) |
| Equivalent Forest Area | 4.61 hectares of tropical forest | - |
| Household & Food Footprint | 4.71 metric tons CO2/year | US Average: 4.47 t CO2/year |
| Transportation Footprint | 2.97 metric tons CO2/year | US Average: 4.82 t CO2/year |
| Air Travel Footprint | 0 metric tons CO2/year | US Average: 0.52 t CO2/year |

## Future Household Carbon Footprint (5 members)

| | | |
|---|---|---|
| Total Household Footprint | 33.35 metric tons CO2/year | - |
| Equivalent Forest Area | 12.13 hectares of tropical forest | - |
| Per Capita Household & Food | 4.014 metric tons CO2/year | US Average: 4.47 t CO2/year |
| Per Capita Transportation | 1.616 metric tons CO2/year | US Average: 4.82 t CO2/year |
| Per Capita Air Travel | 0.04 metric tons CO2/year | US Average: 0.52 t CO2/year |

My per capita household and food carbon footprint decreased from my individual to my future household due to the nature of how families interact with each other. Specifically, living in a detached family home compared to a dorm, and the habits of this future family also differ greatly, with the diet being mainly omnivore compared to my mainly meat-eating freshman self. For the transportation footprint, many times, those miles, instead of just being my individual miles, will be shared between members of my future family, so while overall it is more, the per capita value is less than my personal average. And lastly, there is an increase from my individual average of air travel as I hope I can provide a life in which my family will be able to travel to various places I have not individually been able to. Overall, while not necessarily above the U.S. average in many categories, both individually and per capita, I should strive to reduce my families and mine carbon footprint, so my future children are able to enjoy the same Earth I currently do.