

CPSG101 Carbon Footprint Infographic

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Carbon Footprint of Today:

- Household and Food: 4.03 tons CO₂/year
- Transportation: 0.01 tons CO₂/year
- Travel: 0.6 tons of CO₂/year
- Total: 9.64 tons CO₂/year

I live in a college dorm, with over 4,000 square footage and 5+ units. Some of the power in building comes from renewable energy sources. There are more than 6+ people living in the college dorm (545 to be exact). I use no modes of transportation except about 4 miles of bus travel per week. I am an average omnivore and travel about 4,000 miles per year.

Future Footprint:

- Household and Food: 3.95 tons CO₂/year
- Transportation: 0 tons CO₂/year
- Travel: 1.6 tons of CO₂/year
- Total (including the 4 people in my household): 10.55 tons of CO₂/year

In the future I plan to live in a highly energy efficient house in the suburbs with my wife and three children. I will be an average omnivore. I will also have three cars all electric to mitigate CO₂ emissions from my family's transportation. I also plan to travel out of the country more with my family clocking in at 8,000 miles per year on top of the 10,000 miles I plan to drive in my cars.

Contrast:

I will be living in a much smaller residence than a college dorm and will live in a much more energy efficient dwelling. I will also not be living with hundreds of other college students but with my three kids and wife. I will use a lot more transportation in the future because on campus I do not have a motor vehicle and all of my modes of transportation will be electric. I also plan on traveling more than my family does now, so I will have much more flight miles.