

# CPSG101 CARBON FOOTPRINT INFOGRAPHIC

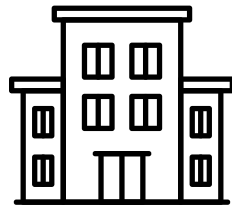
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**CURRENT FOOTPRINT  
(1 PERSON)**

**9.77 tons**



As a University Freshman, my carbon footprint is 9.77 tons of CO<sub>2</sub> per year, which is higher than the planetary average of 5.52 tons. Most of my emissions come from home energy and food, 4.03 tons, and air travel, 0.74 tons. I have zero emissions from transportation since I don't drive and mostly rely on walking when I'm at college.



**FUTURE FAMILY'S  
FOOTPRINT (4 PEOPLE)**

**4.22 tons**

**16.89 total**

In the simulation where I have a family of four, our total household footprint is 16.89 tons, but when divided per person we produce 4.22 tons each. My per-capita emissions for home energy and food, 2.79 tons, are lower because of the more energy-efficient shared living space I would have. I would also be in more control over energy sources and uses, allowing me to make more efficient decisions than in college.



Transportation remains at zero, because I will use an electric car, public transit, or walk. Air travel is now 0.19 tons, because I foresee family trips sharing the same airplane.



In my future simulation, my per-capita footprint has been lowered in every category compared to both my college years and the U.S. average. This simulation shows that, when I'm in control of how energy and resources are used, I can minimize my environmental impact and still lead a fulfilling lifestyle.

## PER-CAPITA CO<sub>2</sub> EMISSIONS: A SIMULATION

