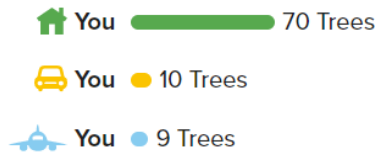


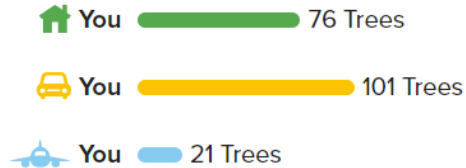
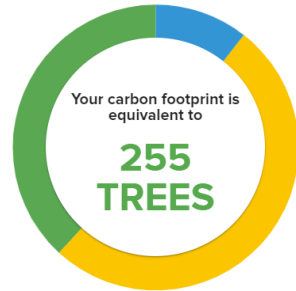
CPSGIOI CARBON FOOTPRINT INFOGRAPHIC

Fiona Persaud

ESTIMATED PRESENT DAY EMISSIONS



ESTIMATED FUTURE DAY EMISSIONS



On average, every tree absorbs 0.07 tons of CO₂ annually. My footprint of 10.25 tons of CO₂ requires 146 trees per year.

On average, every tree absorbs 0.07 tons of CO₂ annually. My footprint of 17.85 tons of CO₂ requires 255 trees per year.

TODAY

Today, I live in a student dormitory. Hundreds of students live in the same large building as me, making my household annual emissions 8.92 tons of CO₂ or 70 trees. I have no control of the thermostat, and we use some solar power.



IN 15 YEARS

In the future, I would like to have a single family home with 4 household members. Consuming the diet of an omnivore and using mostly solar power, I would still have a household annual emission greater than my current one of 10.55 tons of CO₂. My per capita household footprint in trees would be 19 trees per person.



HOUSEHOLD



TRANSPORTATION



TODAY

Being a University student on a walkable campus, I walk and take public transportation nearly everywhere I go. Occasionally, when I visit home, I will drive minimal distances. This makes my annual emission significantly lower than the American average.



IN 15 YEARS

Because most places are not as walkable as campus, in the future, I plan on using a car like most Americans to get to nearly every destination. This will make my transportation carbon footprint about the same as the average American.



TODAY

Today, I hardly travel by plane. If I do take a plane, it is of a short distance and at least once a year, so my annual carbon footprint of 9 trees is less than that of the average American.



IN 15 YEARS

In the future, I definitely want to travel longer distances and see the world more. This increases my carbon footprint from what it is now to 24 trees, yet it is still less than the travel carbon footprint of the average American (43 trees).



TRAVEL

