



# UCCE CEP Data Analytical Tool (Winter 2024)



# Meaningful Representation

## Problem:

Current representations of CO2 savings don't have any context included in the current iteration of the calculator. This renders the calculator somewhat meaningless for those who don't have a full understanding of what this data means.

## Solution:

Provide dynamic visuals for more engaging experience

Give explanations for each calculation (ie. miles driven. How far can you go from your current location?)

Provide averages from the database

- Composting 30.8 kg vs 30.9 kg makes a difference of 43.90% vs 63.41%
- Medians or Averages, Upper and lower Quartiles

If everyone lived like you, we would need

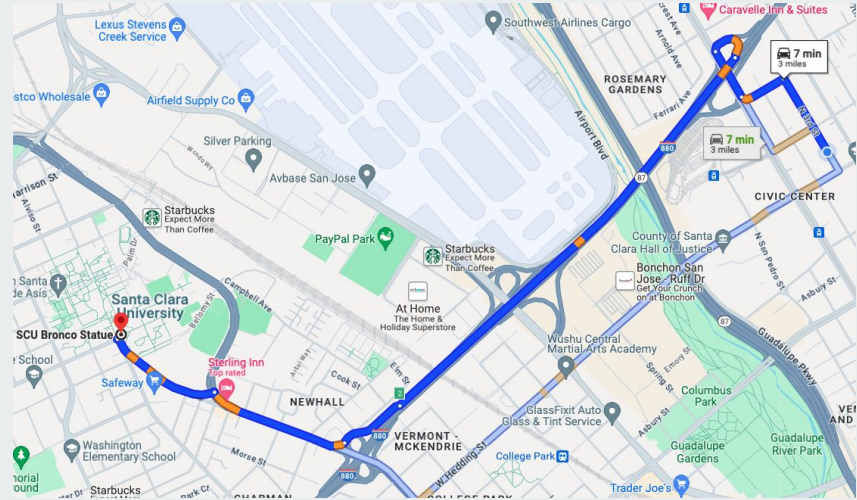
3.1 Earths 



<https://www.footprintcalculator.org/home/en>

Hover over me!

Thanks for hovering! I'm a tooltip



<https://www.google.com/maps>



# How to Track Accurately Page

## Problem:

People are inaccurately tracking their composting amounts. This can skew results and misrepresent the data that the UCCE CEP uses.

## Solution:

- Provide an additional page that guides readers through track their composting amounts.
- Include links to other articles or to useful videos
- Possibly provide a logging system template
  - Input amount into certain categories and Excel or Google Sheets can keep help them organize and track their composting efforts



# Examples:

Volume to Weight Conversions ([www.des.nh.gov](http://www.des.nh.gov)) :

- Vegetative Food Waste: 1 cubic Yard → 1070 lbs
- Brush Waste (Yard Waste, loose): 1 cubic Yard → 300lbs

Similar Conversions from New Jersey.gov

- [PDF](#)