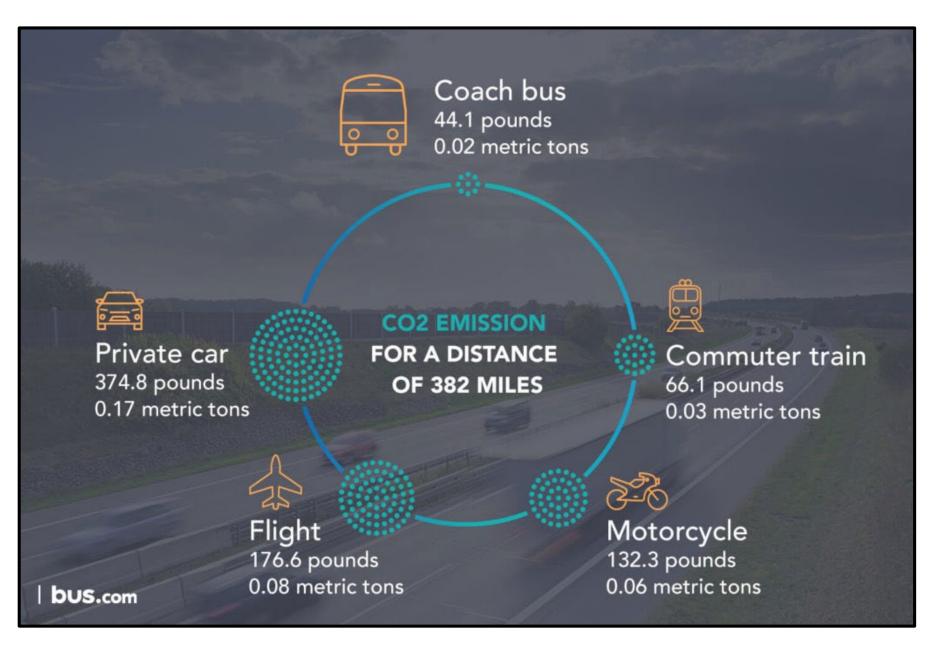
How to Protect the Earth with Environmentally Friendly Transportation Robert Lord-Schell, Member, Care for Creation Committee Stella Nieto, 6<sup>th</sup> Grader, PREP Program



#### Carbon Footprint of Different Modes of Transportation



**Top 5 Eco-Friendly Transportation** Methods You Can Feel Great About: **1.Bikes, Scooters and Hoover Boards** 2. Electric/Hybrid Vehicles 3.Car Pooling **4. Public Transportation** 5. Walking

#### Bikes, Scooters and Hoover Boards:



Pros: One of the fastest body-powered modes of transportation, can go long distances when desired, toned thighs, and almost no environmental impact. Cons: Takes longer than motorized transportation, roads aren't always bike-friendly, possible injury, difficult in bad weather or cold winters. CO2 Emissions: Bikes produce no emissions; scooters produce half the emissions of a standard auto.



## Electric/Hybrid Vehicles



Pros: Fuel-efficient, all the ease and comfort of an ordinary car, good for cities and urban commutes, save money on gas Cons: Less efficient than public modes of transportation, electric cars (not hybrids) have less power than conventional vehicles and require charging stations CO2 Emissions: Electric/hybrid vehicles produce about half the emissions of a standard auto.

## Carpooling



Pro: It is a great way to reduce your dependence on multiple carsCon: Organize your family/friend's routineCO2 Emissions: Two passengers cut emissions in half;three passengers cut emissions by two-thirds.

### **Public Transportation**



Pros: Highly efficient, provides great urban and inter-city transport, inexpensive Cons: Not abundant in the U.S., not accessible everywhere, movement is restricted by timetables CO2 Emissions: If your commute is 20-miles round trip, the switch to public transportation could lower your carbon footprint by 4,800 pounds annually.

# Walking



Pros: Almost no environmental impact, improved health, cheap and convenient, avoid traffic

Cons: Takes time and energy, can tire you out and give you blisters before you've gone too far, inefficient

CO2 Emissions: Walking produces no emissions.

# Many Options to be Environmentally Friendly



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