

Family CO₂ Contribution Worksheet

Use the following worksheet to calculate your family's yearly contribution of CO₂ to the atmosphere. Begin by referring to the Vehicle CO₂ Usage chart (top). This chart lists the gas mileage and CO₂ production per gallon for different types of vehicles.

Next, determine how many miles are driven and how many gallons of gas are used by each vehicle in your family, and record those numbers in the Family CO₂ Contribution chart (bottom). Then calculate how many pounds of CO₂ are produced each week by your family's vehicles. Finally, multiply that number by 52 to determine the total number of pounds of CO₂ produced in one year.

Vehicle CO ₂ Usage		
Type of Vehicle	Miles per Gallon of Gas (G)	Lbs. of CO ₂ Produced per Gallon of Gas
Compact car	24	20
Large car or sedan	20	20
SUV or Truck	13	21
Bus	8	22

Family CO ₂ Contribution			
Type of Vehicle (compact car, large car or sedan, SUV or truck, bus)	Miles Driven per Week (M)	Gallons of Gas Used per Week (M/G)	Lbs. of CO ₂ Produced per Week
Total Lbs. of CO ₂ Produced per Week			
Total Lbs. of CO ₂ Produced per Year			