



Carbon Footprint Calculation for Businesses / Municipalities

Annual amounts for each building:

_____ lbs or gallons of garbage	x 2 = _____
_____ lbs or gallons of recycling	x 1 = _____
_____ kilowatt hours of electricity	x 1.4 = _____
_____ therms of natural gas	x 11.7 = _____
_____ gallons of propane or bottled gas	x 12.7 = _____
_____ gallons of fuel oil	x 22 = _____
_____ Total gallons of gas from fleet (calc below)	x 20 = _____
_____ Total gallons of diesel from fleet (calc below)	x 22 = _____
_____ Total gallons of gas from commuting (calc below)	x 20 = _____
_____ miles of air travel	x 1 = _____

Total = _____ approximate annual lbs. of CO₂

(divide lbs by 2000 for US tones, by 2200 for metric tones)

Gasoline calculation for carbon footprint (repeat separately for diesel):

Vehicle 1 _____ miles driven/_____ mpg = _____ gallons gas
 Vehicle 2 _____ miles driven/_____ mpg = _____ gallons gas
 Vehicle 3 _____ miles driven/_____ mpg = _____ gallons gas
 Vehicle 4 _____ miles driven/_____ mpg = _____ gallons gas
 Vehicle 5 _____ miles driven/_____ mpg = _____ gallons gas
 Vehicle 6 _____ miles driven/_____ mpg = _____ gallons gas
 Vehicle 7 _____ miles driven/_____ mpg = _____ gallons gas
 Vehicle 8 _____ miles driven/_____ mpg = _____ gallons gas
 Vehicle 9 _____ miles driven/_____ mpg = _____ gallons gas
 Vehicle 10 _____ miles driven/_____ mpg = _____ gallons gas

_____ Total gallons of gas

Gasoline calculation for employee commuting:

Number of employees = _____
 Average number of miles per commute (both ways) = _____
 Total number of days commuting = _____
 Average mpg for typical US car = 18mpg

miles per commute X # of days commuting each year / mpg X number of employees = total amount of gasoline from commuting