Carbon Dioxide Emission Inventory

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Energy Use | Month | CO2 Factor | CO2 Emission | CO2 Emission per Year |
| Transportation |  | 8.2 kg CO2 per gallon |  |  |
| Space and Water Heating |  | 0.062 kg CO2 per 1 cu ft of natural gas |  |  |
| Electricity |  | I kg CO2 for each kWh |  |  |

**Total CO2 kg \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_**

Conversions

Transportation: \_\_\_\_\_\_\_\_ gallons x 8.2 kg CO2 = \_\_\_\_\_\_\_\_\_ x 12 = \_\_\_\_\_\_\_\_\_ kg CO2/yr

1 gallon

Natural Gas: \_\_\_\_\_\_\_ average cu ft x 0.062 kg CO2 = \_\_\_\_\_\_\_\_\_ x 12 = \_\_\_\_\_\_\_\_\_ kg CO2/yr

1 cu ft

Electricity: \_\_\_\_\_\_\_\_ average kWh x 1 kg CO2 = \_\_\_\_\_\_\_\_\_\_ x 12 = \_\_\_\_\_\_\_\_\_ kg CO2/yr

1 kWh

People are made mostly of carbon. How many times are **you** released into the atmosphere?

Convert your weight from pounds to kg. 1 lb = o.45 kg

\_\_\_\_\_\_\_\_\_\_ lbs x 0.45 kg = \_\_\_\_\_\_\_\_\_\_\_\_\_\_ kg

Take the total kg CO2 from above and then divide by your mass in kg. This is how many times your body mass is released into the atmosphere per year.

\_\_\_\_\_\_\_kg CO2  ÷ \_\_\_\_\_\_\_\_ kg = \_\_\_\_\_\_\_\_ number of times you are released into atmosphere