

# Business and Organization Carbon Calculator

The Climate Trust appreciates your interest in calculating your organization's carbon footprint! This tool has been created to allow you the opportunity to calculate the amount of carbon dioxide annually emitted as a result of your organization's activities. The calculator can account for electricity and natural gas usage, vehicle use, flying, and shipping.

To ensure that this calculator is as accurate as possible, the most up-to-date and credible data are used. The sources for conversion factors, average electricity usage of commercial buildings, grid-intensity figures, etc. are provided by the US Energy Information Administration, the US Environmental Protection Agency, and other internationally recognized sources. Upon request, The Climate Trust can provide you with a comprehensive list of sources and calculations.

Please note that your footprint, measured in metric tons of carbon dioxide, **will not** be certified by The Climate Trust. Although this calculator can account for the vast majority of an organization's footprint, The Climate Trust cannot provide any statement attesting to the completeness or accuracy of the final footprint. This Carbon Footprint Calculator is geared toward organizations that do not wish to undertake a more comprehensive carbon footprint audit.

Select your state

If your organization has facilities in multiple US states, you have two options:

- 1) For a more accurate calculation, complete separate "Infrastructure" sections for each location
- 2) For a rough estimate, select "US National Average" from the drop box

## Infrastructure:

If you **know** your organization's energy usage, enter that information here and move on to the transportation section:

Electricity: kWhs / year

Natural Gas: therms / year

If you **don't know** your energy usage, enter the square footage of your operation(s) here and then use one of the two options below:

Operation(s) size: sq ft

**Option 1:** If your operation is part of a larger building **and** you can find out the building's yearly energy use, you can use that to determine its "energy intensity" -- the energy used divided by the total square feet of the building.

Electricity intensity:

(kWhrs / year) ÷ building sq ft

Natural gas intensity:

(therms / year) ÷ building sq ft

**Option 2:** If you can't get any of the above information, select the region of the US where the building is located and then select the size range of the larger building that you occupy.

Region:

Building size range:

## Transportation:

Automobile:

Total miles driven by company vehicle(s):

Average fuel efficiency of the vehicle(s) (mpg):

Air Travel (fill in **one** of the two boxes):

Hours spent flying by employees:

Total miles flown (more accurate):

Continued on next page...

**Shipping:** Enter the total amount of freight shipped by the following methods.

Air freight  
(metric tons):

Miles:

Maritime freight  
(metric tons):

Miles:

Heavy truck freight  
(metric tons):

Miles:

## Results:

**Infrastructure**

\_\_\_\_\_ metric tons

**Transportation**

\_\_\_\_\_ metric tons

**Shipping**

\_\_\_\_\_ metric tons

**Total CO<sub>2</sub> Emissions**

\_\_\_\_\_ **metric tons**