Carbon Consumption per mile driven
The average passenger car emits 0.78 pounds of CO2 per mile driven.13
Source :
U.S. EPA (2017) Light-Duty Automotive Technology and Fuel Economy Trends: 1975 Through 2017.
https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100TGLC.pdf

Some Interesting numbers :

Individuals can save more than $9,738 per year by taking public transportation instead of driving.

If your commute is 20-miles round trip, the switch to public transportation could lower your carbon footprint by 4,800 pounds annually.
https://www.c2es.org/content/reducing-your-transportation-footprint/

Driving has a big impact on the climate; every gallon of fuel burned creates about 20 pounds of carbon dioxide, so reducing the miles your vehicle travels can lead to significant emissions reductions.
https://www.eia.gov/tools/faqs/faq.php?id=307&t=10

If each driver added one more person to their car the U.S. could save 33 million gallons of gas a day.

number of carpool vehicles	pounds of greenhouse gas reduction	gallons of fuel conserved	equivalent to tons recycled waste saved from landfills	equivalent number of households annual electricity consumption
1	12,000	500	2	1
4	48,000	2,000	8	3
8	96,000	4,000	16	6

To the people, for the people, by the people .

1. Use this website to get a glimpse at your average emissions per commute to work https://mapmyemissions.com/home

2. Use this to look at the direct amount of $$ your will save through carpooling
   https://www.rideshare.com/easy-commute/commuter-savings-calculator/