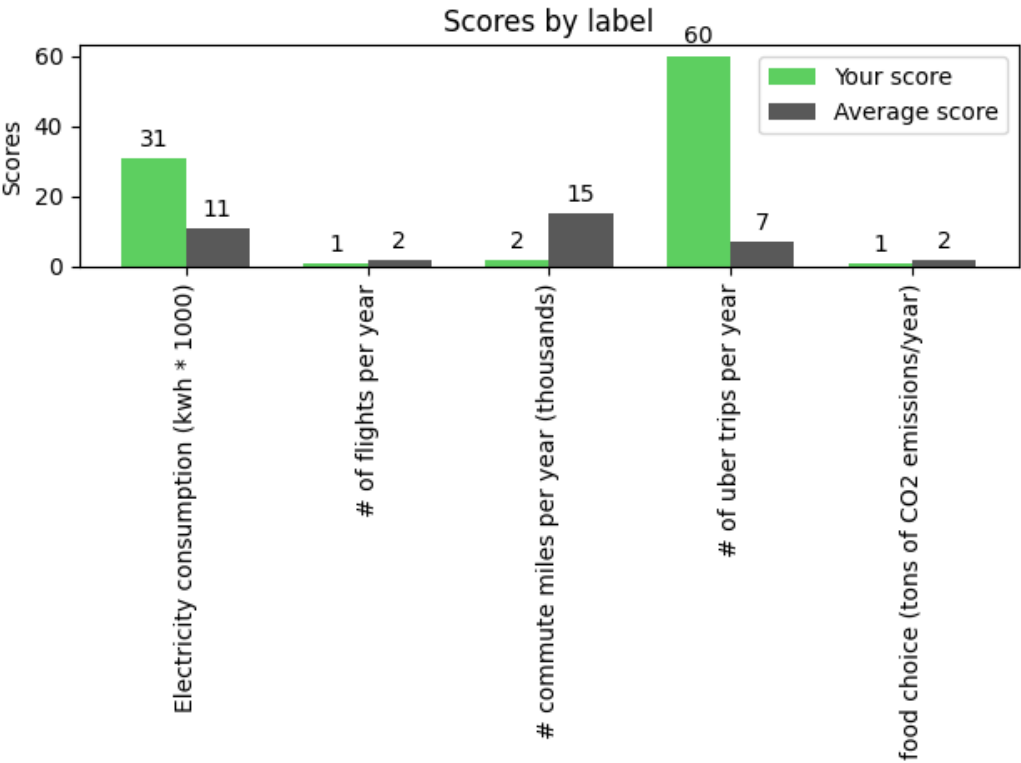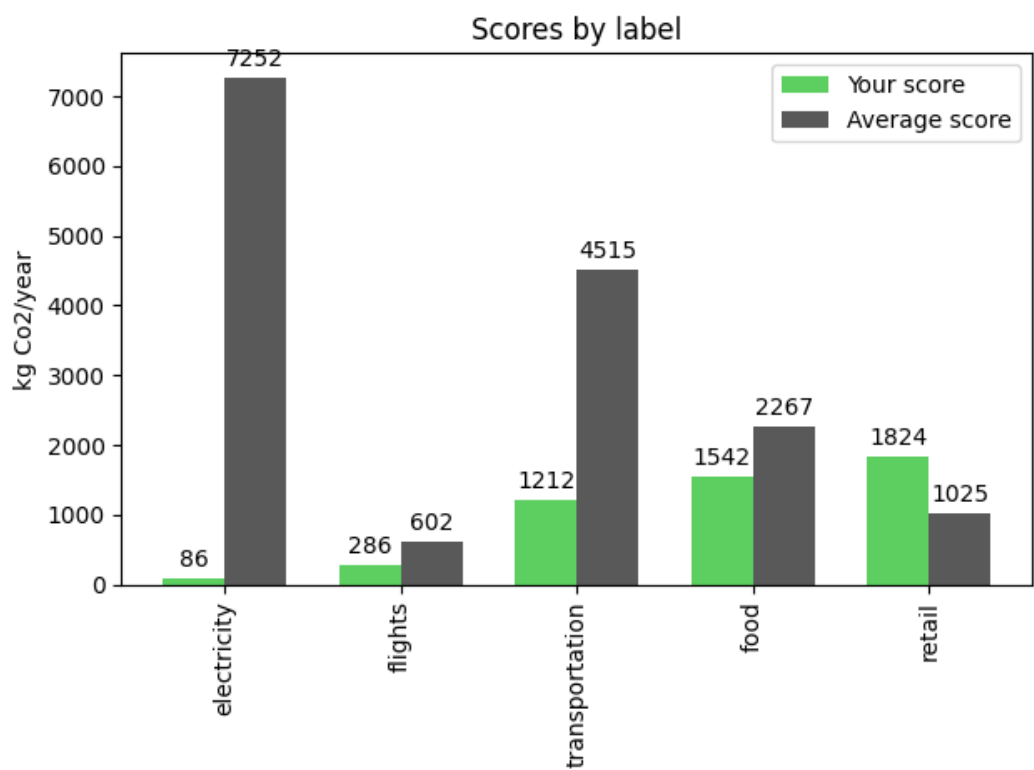**Carbon footprint report**

ffsd

2022-01-15

Thanks for showing interest in reducing carbon footprint. This report outlines your overall carbon footprint relative to other people. We hope that this report can inspire you to act to go for sustainable approaches.

Your carbon consumption relative to the average Person (units)
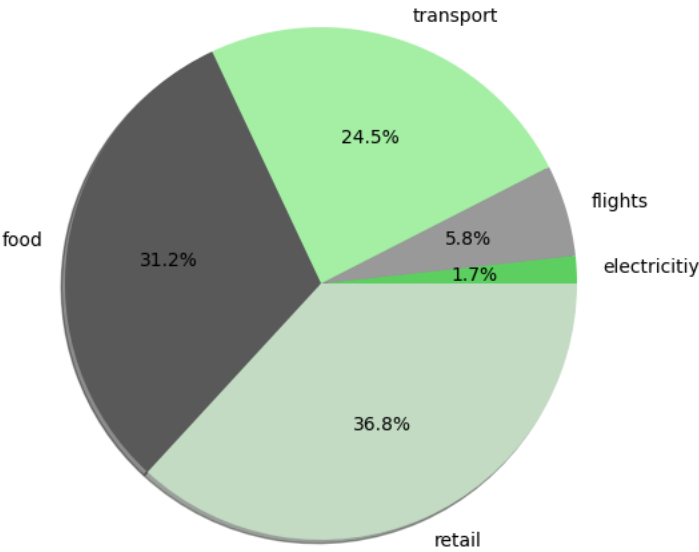

Gillyweed

Your carbon consumption relative to the average Person (kg CO2)

Your carbon consumption is -548.1065229145734 kg CO2 less than the average Person.

Your carbon consumption: by category

Gillyweed

Here are some recommendations to become a better climate citizen:

ask questions to learn more about RECYCLED AND SUSTAINABLE PRODUCTS

carpool with friends to/from work

collect climate data in the scientific community

take efforts to clean nature (e.g. like recycling off the street)

reflect upon being a better climate citizen

collect and use clean energy (e.g. wind or solar power)

eat less meat when you can going out

buy local produce from farmers markets on weekends

exercise instead of uber to work

make eco-friendly purchases

participate in climate-related events

plant trees or take care of plants in your house

try to recycle and reduce waste when you can

take fewer flights and/or reduce your own transportation

turn off your air conditioning unit and use less electricity when you can

write scientific papers and/or blog posts on climate change issues

take showers for 5 minutes or less

YOU CAN ALSO CHECK OUR WEBSITE FOR AFFORDABLE SUSTAINABLE AND RECYCLED PRODUCTS

Gillyweed
~ DRIVEN BY NATURE

Gillyweed

Get involved

● Global Warming of 1.5 degrees C || https://www.ipcc.ch/sr15/

● Empowering everyday people to become activists || https://www.climaterealityproject.org/

● EU Climate Knowledge and Innovation Community --> https://www.climate-kic.org/

● Measure Ecological Footprint || https://www.footprintnetwork.org/

● Technical climate solutions || https://www.drawdown.org/

● Sustainable textile supply chain || https://textileexchange.org/

● Student strike on Fridays || https://globalclimatestrike.net/

● Breakthrough Energy Coalition and Ventures || http://www.b-t.energy/

● Machine Learning for Climate Change || https://www.climatechange.ai/

● NASA: Facts around Climate Change || https://climate.nasa.gov/evidence/

Gillyweed

Here are some assumptions that went into calculating your carbon footprint

Electricity:
- Electric bill - 11,698 kwh/year = average energy consumption / household[1]
- the average is 13.27 cents per kilowatt hour (kwh),[2] 0.62 kilogramCO_2 / kwh[3]
- 11,698 kwh/year * 0.62 kgCO2/kwh = 7,252.76 kg CO2/year

Flights per year:
- Flights per year - average is 2.1 trips per Person (if fly).[4]
- Assume 0.1304 kgCO2/km[5] for medium-term flights (DEFRA model).
- Domestic flights ~2.5-3 hr, 2200km * 0.1304 kgCO2/km * 2.1 trips = 602.448 kg CO2/yr

Transportation:
- Average Person drives around 15,000 per year (assume this is all forms of ground transport)[6]
- Fuel efficiency on car - assume 30 mpg on road car now[7]
- 0.960 pounds = 0.435 kg CO2 per mile (driving) * 15,000 miles/year = 6,525.0 kg CO2 / year [8]
- 0.657 pounds = 0.298 kg of CO2 per mile - 50% public transport, 50% single auto * 15,000 miles/year = 4470.0 kg CO2 /year
- 0.354 pounds = 0.161 kg of CO2 per mile (public transportation) * 15,000 miles / year = 2,415.0 kg CO2 / year

Uber trips:
- (14 uber million trips / day * 0.50)[9] / 325 million people * 365 days / year = 7.86 rides/person
- Average ride length = 6 miles/trip * 7.86 trips / person / year * 0.960 kgCo2/mile = 45.27 kg Co2/uber rider/year.[10]

Food choices / nutrition:[11]
- 1.7 tons = 1,542.21406 kilograms of CO2/year - vegetarian. ● 2.5 tons = 2,267.96185 kilograms of CO2/year - average.
- 3.3 tons = 2,993.70964 kilograms of CO2/year - meat lover.

Amazon supply chain:
- 0.1289 kg CO2e per Rs. 75
- 8,700,000 boxes/day[13] * 365 days/year / 1,400,000,000 People = 2.26 boxes/People.
- 2.26 boxes/year * Rs. 3500 / box = ~Rs. 7910/year * 0.1289 kg / Rs. 75= 29.13 kg CO2/year.

[1][2] Shrinkthatfootprint.com. http://shrinkthatfootprint.com/average-household-electricity-consumptio   n

[3] Chooseenergy.com. https://www.chooseenergy.com/electricity-rates-by-state/

[4] Quora. https://www.quora.com/How-much-CO2-is-produced-per-KWH-of-electricity

[5] Airlines.org. http://airlines.org/wp-content/uploads/2016/04/2016Survey.pdf

[6] Environmental Change Institute https://www.eci.ox.ac.uk/research/energy/downloads/jardine09-carboninflights.pdf

[7] Reference.com. https://www.reference.com/vehicles/average-mileage-put-car-year-5c8f88fa02be73c8

[8] Wikipedia. https://en.wikipedia.org/wiki/Corporate_average_fuel_economy

[9] Tranistscreen.com http://blog.transitscreen.com/how-public-transit-can-and-must-help-reduce-carbon-pollution

[10] Businesofapps.com https://www.businessofapps.com/data/uber-statistics/

Ride.guru. https://ride.guru/lounge/p/what-is-the-average-trip-distance-for-an-uber-or-lyft-ride

[11][12] Shrinkthatfootprint.com http://shrinkthatfootprint.com/food-carbon-footprint-diet

[13] AboutAmazon.com https://sustainability.aboutamazon.com/carbon-footprint

Quora. https://www.quora.com/How-many-boxes-does-Amazon-ship-every-day

Powered by GILLYWEED