



Earthsave Canada

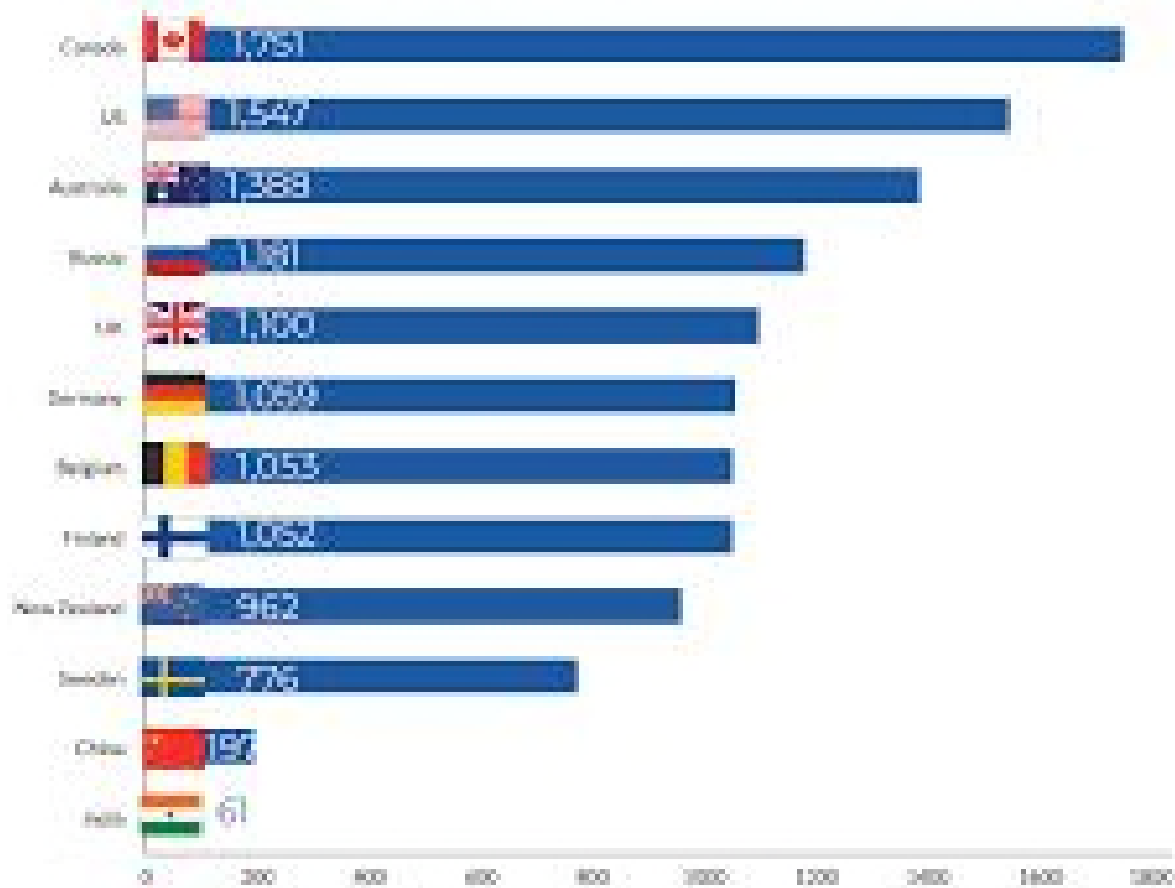
Diane Smele and
Dr. David Steele

The United Nations declared a
CODE RED for humanity.

Our Ask

That the City of Brampton take a stand
and shift 50% of animal-based food
purchases to plant-based purchases by
the end of this year.

Cumulative carbon emissions per capita from 1850-2021 (tCO₂), selected countries



Source: Carbon Brief

Globally, over the last 50 years

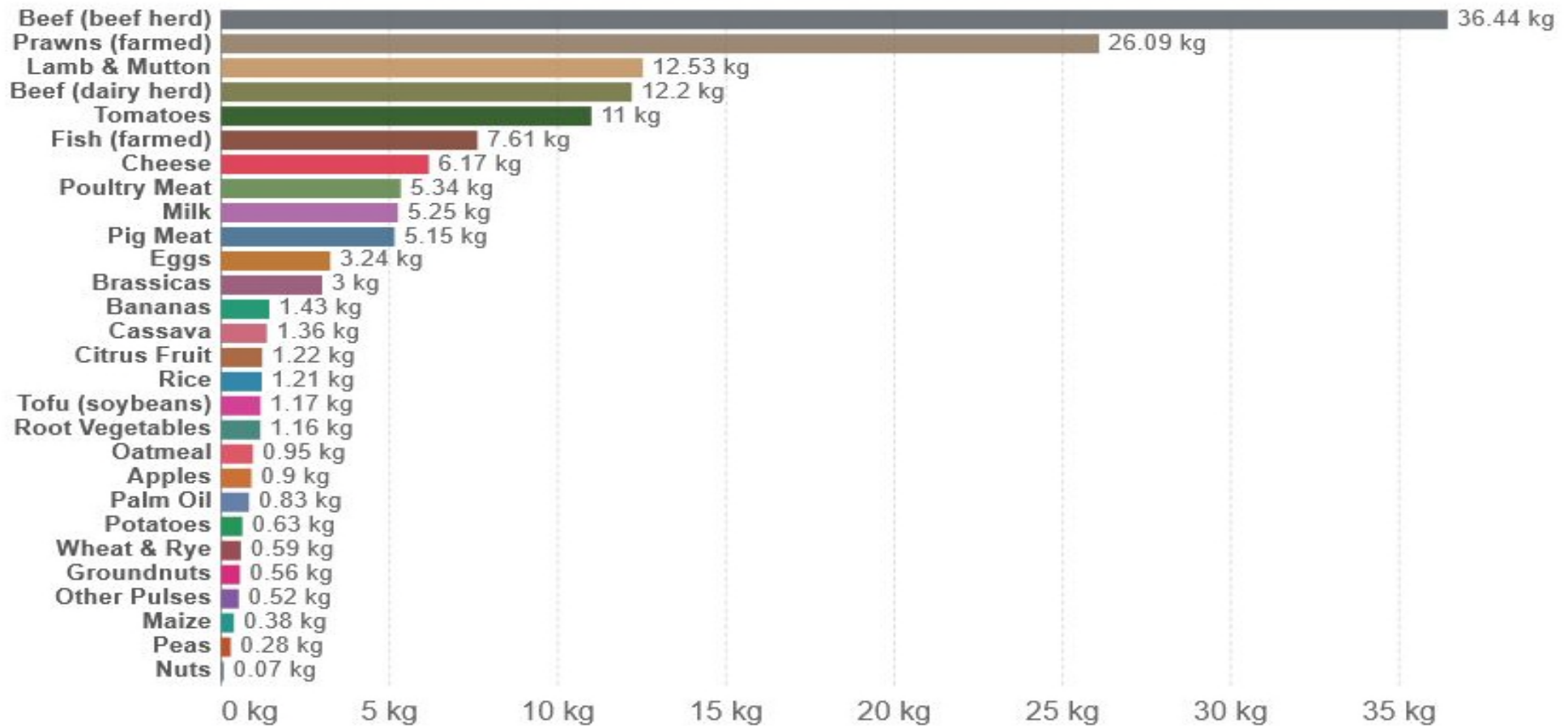
- The Earth's population has doubled
- The Earth has warmed 0.8 degrees
- CO₂, methane and nitrous oxide emissions are all up
- We have destroyed 17% of our forests
- Meat Production is up 267%
- Per capita meat consumption is up 75%

Plant-based vs Animal-based Foods

- Oxford University's "Reducing Food's Environmental Impacts" study found that animal agriculture uses 83% of the land, while only providing 18% of the calories
- Regenerative grazing requires even more land than industrial agriculture and results in more GreenHouse Gas (GHG) emissions
- A plant-based food system could free up 75% of agricultural land
- A huge opportunity exists to rewild, and restore ecosystems and biodiversity
- Methane has about 56 times the Global Warming Potential (GWP) of CO₂ over 20 years
- Nitrous Oxide has about 280 times GWP of CO₂ over 20 years

Greenhouse gas emissions per 1000 kilocalories

Greenhouse gas emissions are measured in kilograms of carbon dioxide equivalents (kgCO₂eq) per 1000 kilocalories. This means non-CO₂ greenhouse gases are included and weighted by their relative warming impact.



Source: Poore, J., & Nemecek, T. (2018). Additional calculations by Our World in Data. OurWorldInData.org/environmental-impacts-of-food • CC BY

Data from Oxford University

Easy Ways to Switch

- Use [Greener By Default](#) principles for workshops and conferences by:
 - ▶ default to greener option
 - ▶ feature plant-based options first
- Swap out burgers and hotdogs at city concession stands and events with plant-based alternatives