

# Emissions per Capita: Gigatons and Gigapeople

## Physics and Mathematics of Sustainable Energy

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2017 total GHG emissions, measured in Gt of CO<sub>2</sub>e.

- World: 46.73
- China: 12.09
- USA: 5.2
- India: 3.23
- Russia: 2.50
- Ecuador: 0.064

1. What is the per-capita emissions of the US?
2. Choose at least one other country and calculate its per-capita emissions.
3. Represent the emissions of the US and the country you chose as a rectangle, where the base of the rectangle is the country and the height is the per-capita emissions.