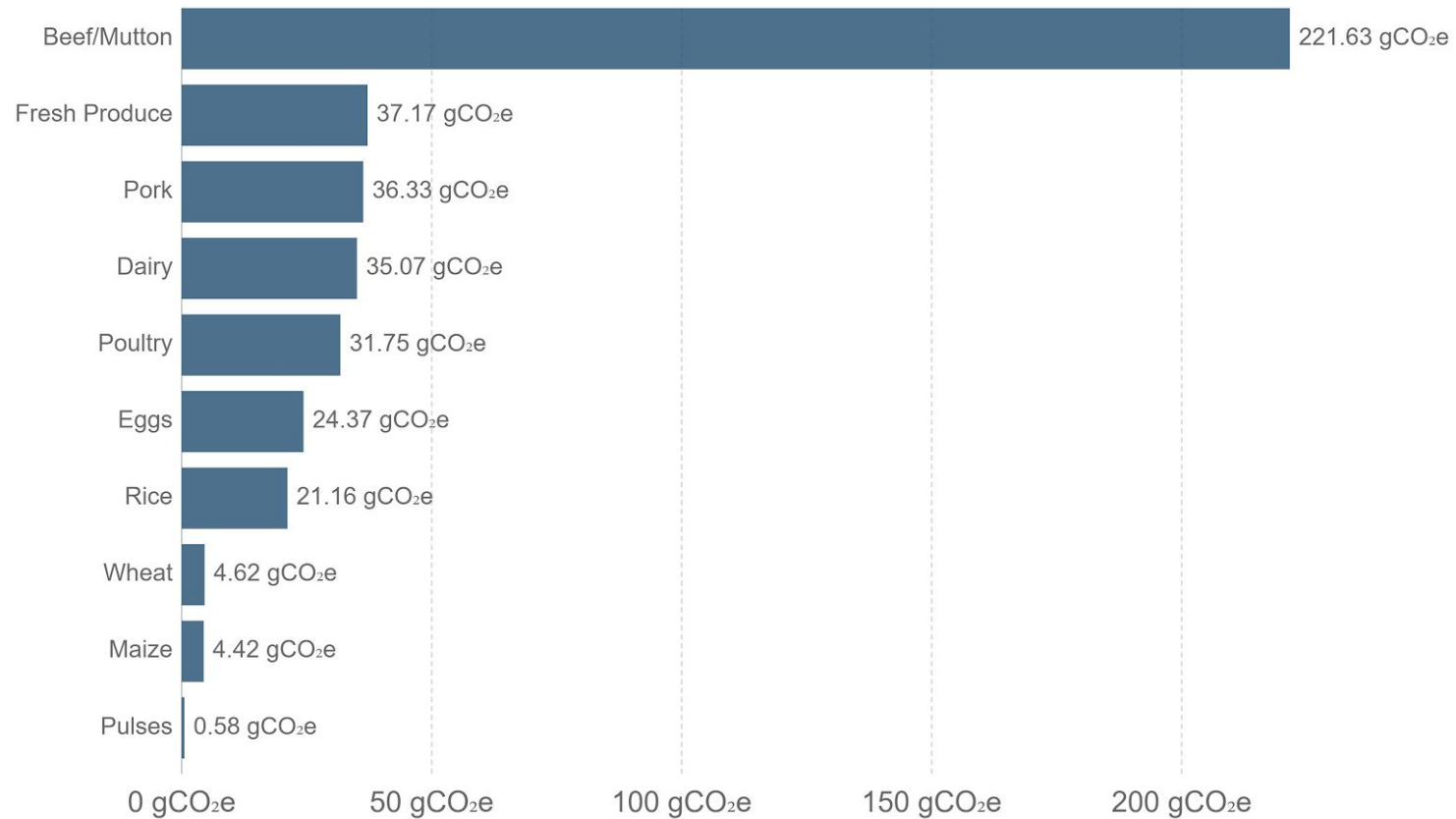


Environmental Impacts of Food Production

Greenhouse gas emissions per gram of protein, by food type

Average greenhouse gas emissions per unit protein, by food type measured in grams of carbon dioxide equivalents (CO₂e) per gram of protein. Average values are based on a meta-analysis of studies across 742 agricultural systems and over 90 unique foods.



Source: Clark & Tilman (2017)

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Clark, M., & Tilman, D. (2017). Comparative analysis of environmental impacts of agricultural production systems, agricultural input efficiency, and food choice. *Environmental Research Letters*, 12(6), 064016. doi:10.1088/1748-9326/aa6cd5

WATER FOOTPRINT

Virtual water embedded in products

One water footprint (shown in the illustration) is equivalent to 50 litres of virtual water (production-wise definition). All figures shown on this poster are based on exemplary calculations and may vary depending on the origin and production process of the product.

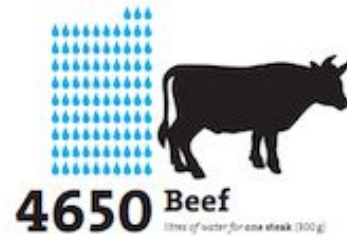
The water footprint of a product (a commodity, good or service) is the volume of freshwater used to produce the product, measured at the place where the product was actually made. It refers to the amount of water used in the various steps of the production chain.

For the full poster featuring many more products and in-depth information, visit: www.virtualwater.eu

DATE: November, A.T.; Chagajain, A.E. (2010): Globalization of water: Sharing the planet's freshwater resources. Blackwell Publishing, Oxford, UK. www.waterfootprint.org

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