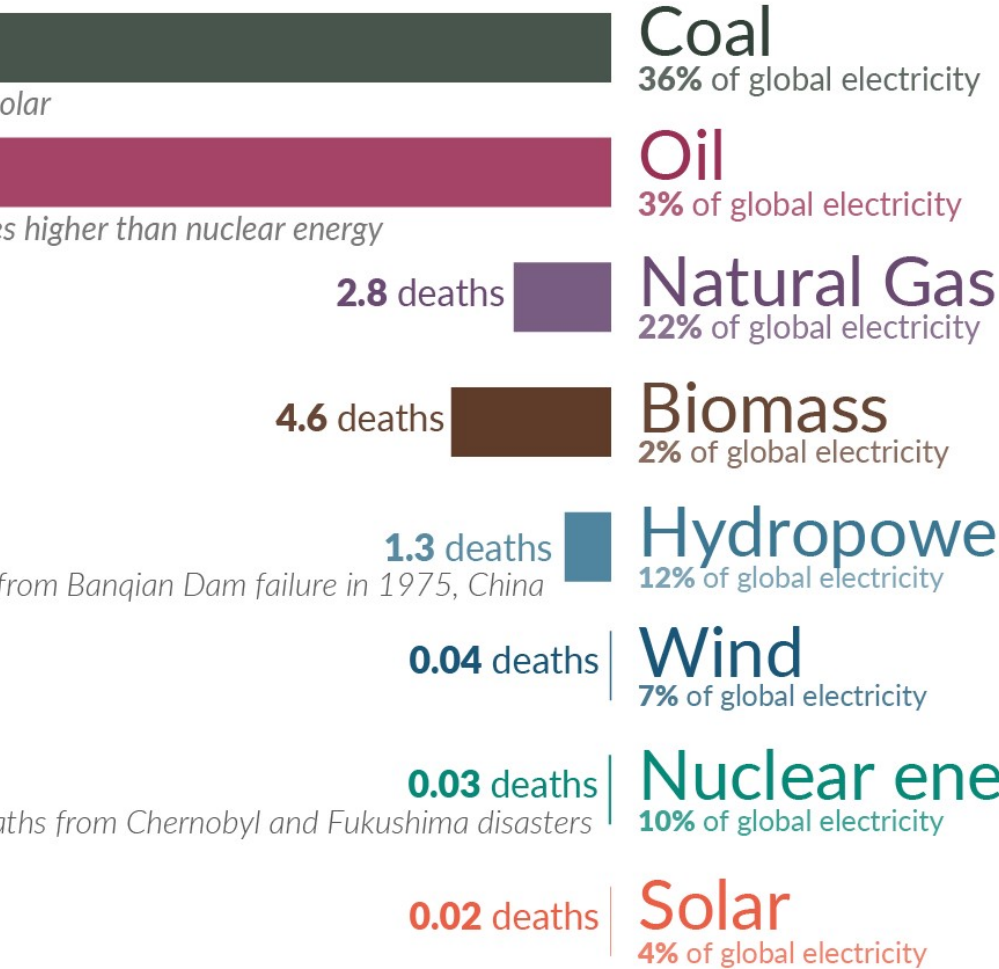


# the safest and cleanest sources of energy

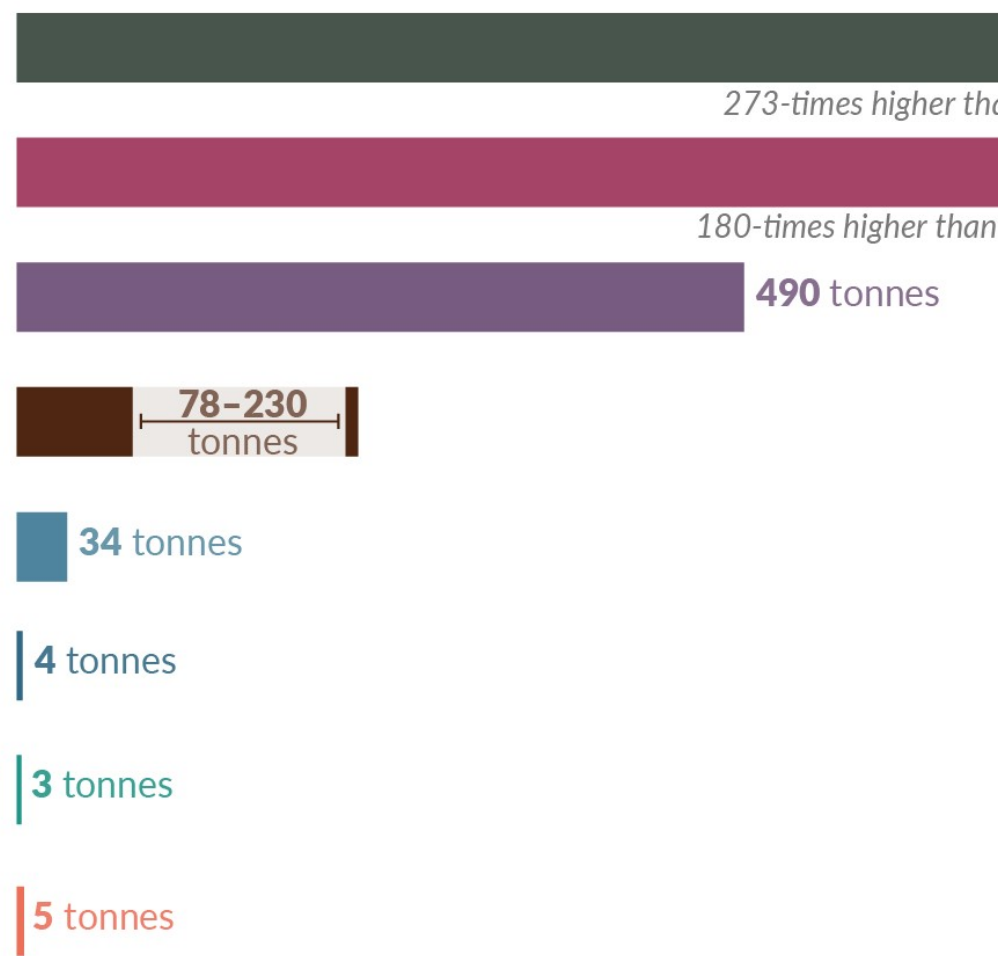
## Accidents and air pollution

Deaths per terawatt-hour of electricity production.  
Electricity consumption of 150,000 people in the EU.



## Greenhouse gas emissions

Measured in emissions of CO<sub>2</sub>-equivalents per gigawatt-hour of electricity over  
1 gigawatt-hour is the annual electricity consumption of 150 people in the EU.



Coal and biomass are based on state-of-the-art plants with pollution controls in Europe, and are based on older models of the impacts of air pollution. These figures are likely to be very conservative. For further discussion, see our article: [OurWorldinData.org/safest-sources-of-energy](https://OurWorldinData.org/safest-sources-of-energy). Electricity shares and emissions data are based on: IEA (2017); & Wilkinson (2007); UNSCEAR (2008; 2018); Sovacool et al. (2016); IPCC AR5 (2014); Pehl et al. (2017); Ember Energy (2021).  
 We use data and research to make progress against the world's largest problems. Licensed under CC-BY by the authors Harriet