

Under the Clean Air Act

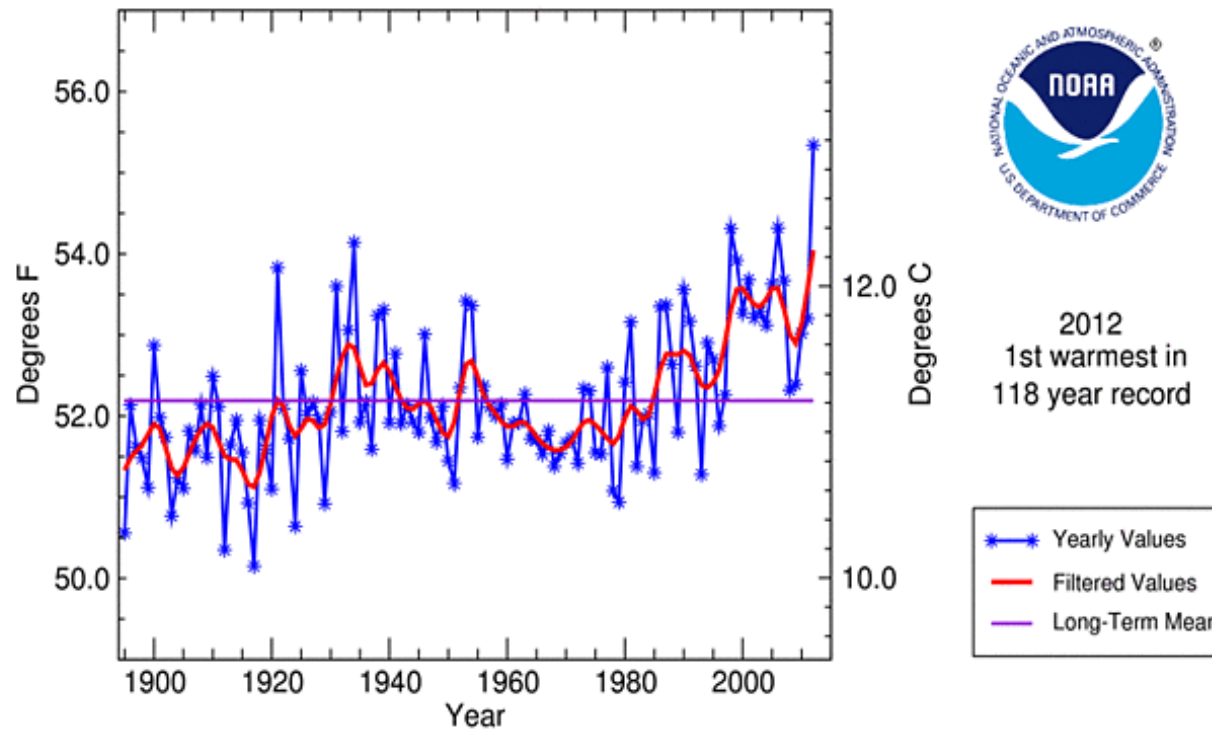
- ending the production of ozone-depleting substances
- ensuring that refrigerants and halon fire extinguishing agents are recycled properly
- identifying safe and effective alternatives to ozone-depleting substances

- banning the release of ozone-depleting refrigerants during the service, maintenance, and disposal of air conditioners and other refrigeration equipment
- requiring that manufacturers label products either containing or made with the most harmful ODS.



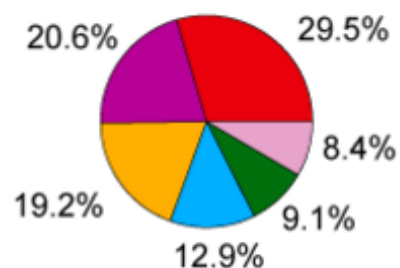
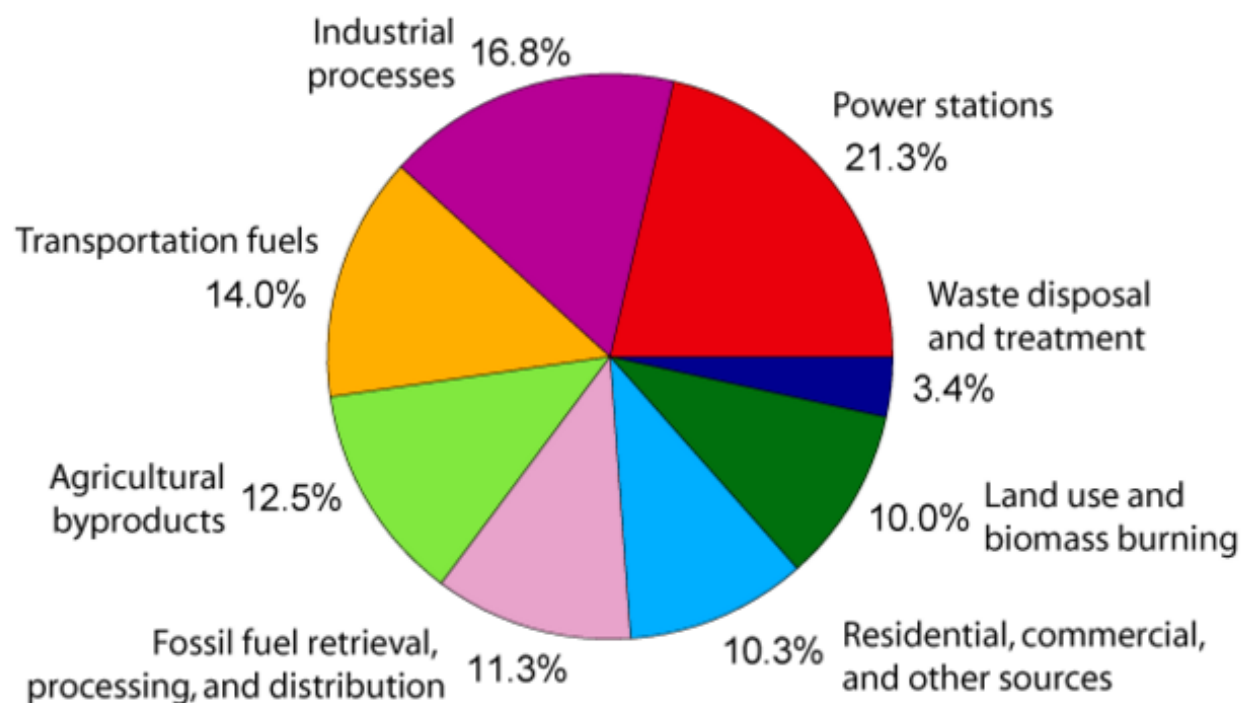
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National (Contiguous U.S.) Temperature 1895 - 2012

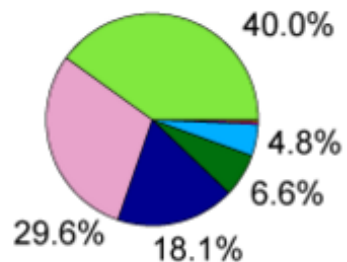


National Climatic Data Center / NESDIS / NOAA

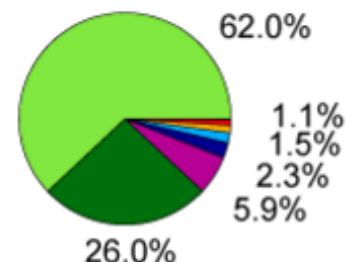
Annual Greenhouse Gas Emissions by Sector



Carbon Dioxide
(72% of total)



Methane
(18% of total)



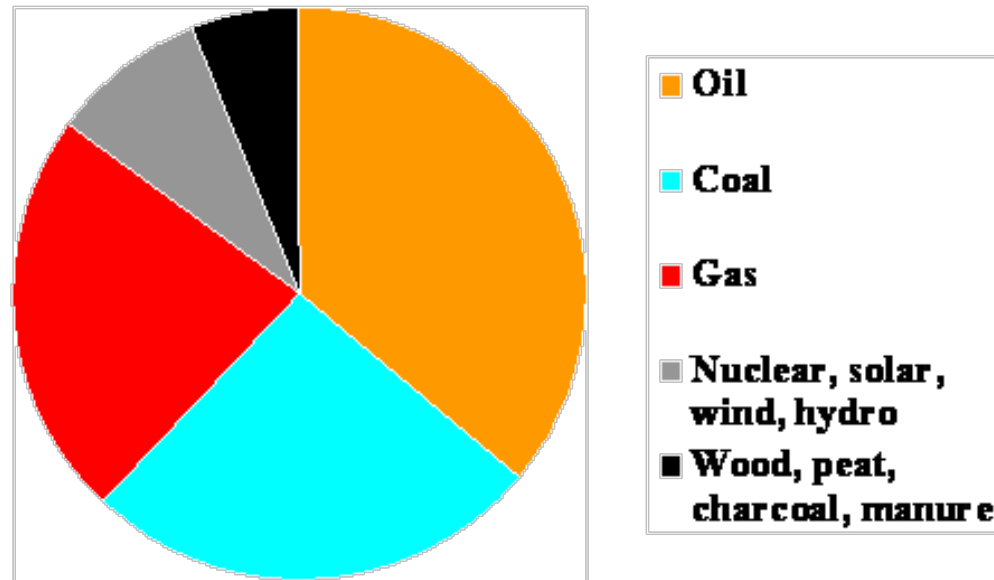
Nitrous Oxide
(9% of total)

Fossil Fuels

Fossil Fuels

- Substances that are made up of the remains of _____ that have been buried underground for _____ of years
- Petroleum, natural gas, and _____
- _____ of all commercial energy in the world

Worldwide Commercial Energy Production



Consumption of Fossil Fuels

- The 20 richest countries consume
- _____ of the natural gas
- _____ of the oil
- _____ of the coal
- This _____ of the population consumes more than $\frac{1}{2}$ of the commercial energy
- The _____ and _____ are 5% of the world population and consume $\frac{1}{4}$ of the available energy

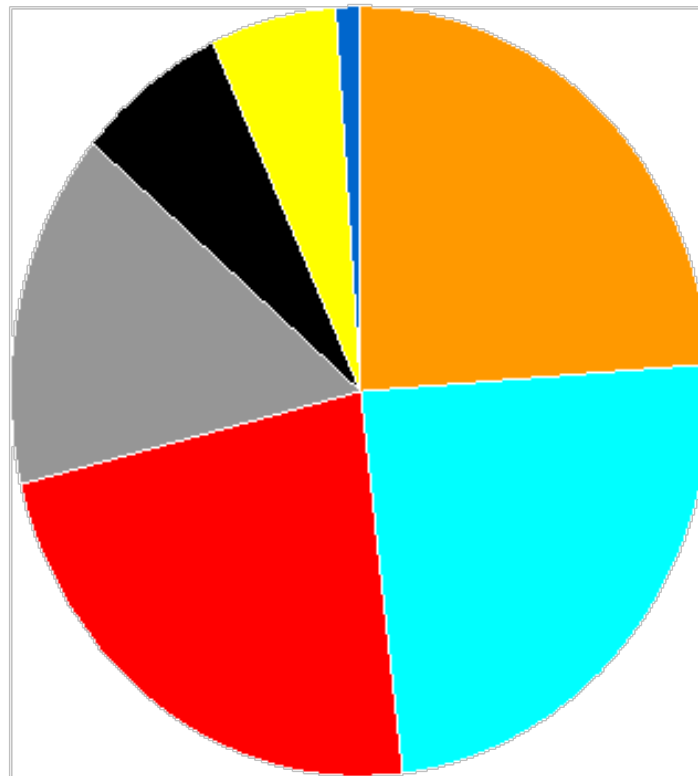
Each person consumes, on average as much energy in a _____ as a person in a poor country does in _____.

Coal

- Coal mining is _____, _____, and _____.
- Untold thousands have _____ because of respiratory disease
- Coal burning releases _____ and many _____.
- Air pollutants damage humans, wild plants, animals, and buildings
- Only get _____ percent yield

Coal

_____ more years of coal

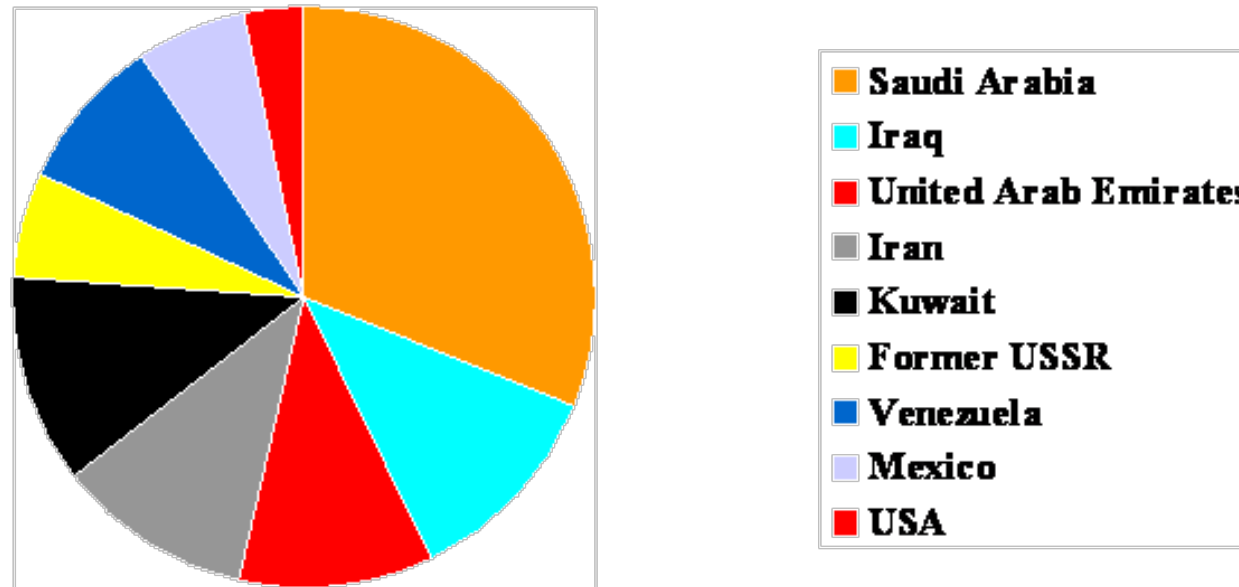


- Europe
- Asia
- North and Central American
- Former USSR
- Africa
- Oceania
- South America

May 5-11:12 AM

Oil

- Half of the world oil is _____
- Enough to last _____ years at current consumption rates



Natural Gas

- Produces only half as much _____ as an equivalent amount of coal
- Gas consumption rates are only _____ of oil rates
- _____ years more at current consumption rates

Natural Gas

