

Natural Resources

Indicator 1: Reduce Negative Impacts on the Environment

Measure a: Trends in Carbon Dioxide Emissions

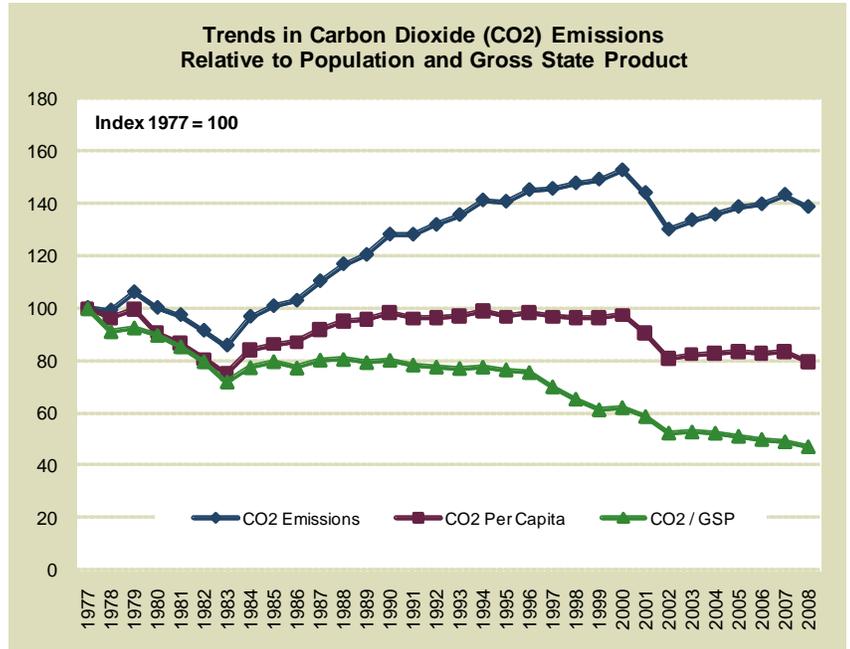
Description:

Carbon dioxide is the dominant greenhouse gas emitted by human activity in Washington. There was a distinct fall-off in CO2 emissions in 2001 and 2002 as economic activity was impacted by the post 9/11 recession. The resumption of economic growth in 2003 resulted in a return to an upward trend in CO2 emissions.

Carbon dioxide emissions for Washington have increased over time, but with a distinct pattern that matches the business cycle.

Per capita emissions had remained relatively constant between 1977 and 2000. More recent per capita emissions have held at a lower level since 2002.

Annual emissions per constant dollar Gross State Product (GSP)* have declined steadily since 1977.



Year	CO ₂ Emissions (millions of tons)	Tons of CO ₂ Emissions Per Capita	Tons of CO ₂ Emissions Per Million \$ GSP
1980	69.0	16.6	61.7
1985	69.5	15.8	54.8
1990	88.4	18.0	55.1
1995	97.1	17.7	52.6
2000	105.4	17.8	42.6
2005	95.7	15.3	35.1
2008	95.7	14.6	32.3

Sources:

[U.S. Department of Energy, Energy Information Administration](#)
[Department of Ecology Greenhouse Gas Inventory Report](#)
[BEA Gross State Product](#)
[BEA Income and Population](#)