

Costs of Climate Change

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What are the costs?

Direct and indirect costs

The costs of climate change are both **direct** (e.g., infrastructure damage, healthcare, and disaster relief costs) and **indirect** (e.g., decreased property values and increased insurance costs). At the same time, climate change may limit government revenue due to decreasing real estate values, business revenues, and household income. These costs may impact markets and financial instruments.

U.S. Billion-Dollar Weather and Climate Disasters 1980-2024

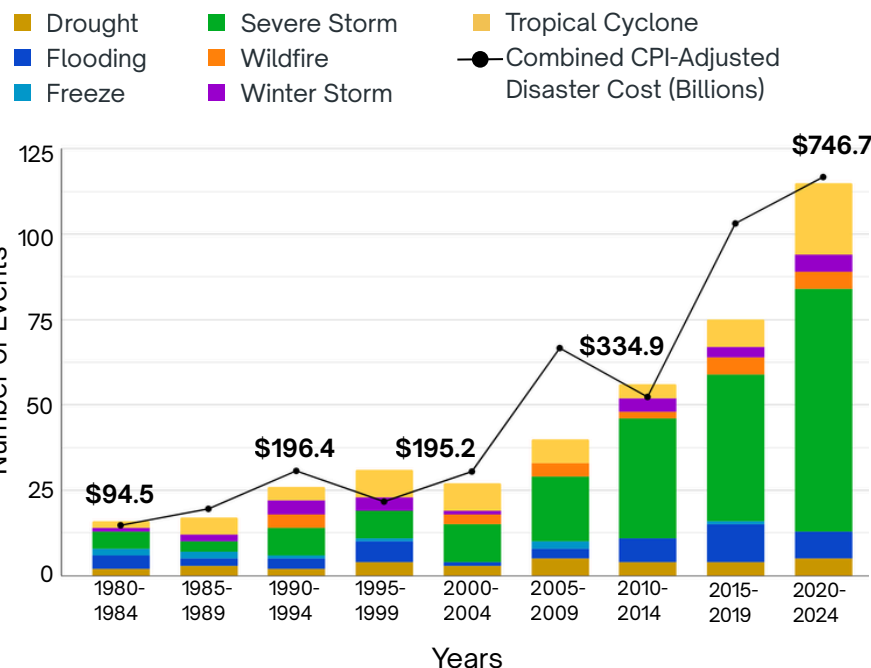
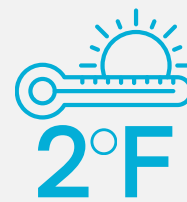


Figure adapted from NOAA National Centers for Environmental Information

How does climate change impact the economy?



of warming was estimated to have caused **more than 2 times** the economic harm of 1 degree of warming.

Fifth U.S. National Climate Assessment

Average annual cost of climate change-related damages in the U.S. (2020-2024).

NOAA National Centers for Environmental Information



saw **double-digit rate increases** for homeowners insurance between Jan 2022-July 2023.

S&P report

SO Why should judges care?



Understanding the economic consequences of climate change can provide an important foundation for evaluating climate-related lawsuits.



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Sources

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