



# The Impacts of Climate Change and the Trump Administration's Anti-Environmental Agenda in Michigan

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Just in the past three years, the Trump administration has attempted to roll back at least 95 environmental rules and regulations to the detriment of the environment and Americans' public health. Moreover, the administration refuses to act to mitigate the effects of climate change—instead loosening requirements for polluters emitting the greenhouse gases that fuel the climate crisis. This dangerous agenda is affecting the lives of Americans across all 50 states.

To read the personal stories of Americans impacted by climate change and the effects of the Trump administration's anti-environmental policies in your state, visit [OurEnvironment.org](https://OurEnvironment.org).



For citations, please see the web version of this fact sheet.

Between 2017 and 2019, Michigan experienced one flood and four severe storms. The damages of each event led to losses of at least [\\$1 billion](#).

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## Impacts of climate change

### Extreme weather

- In 2014, Michigan experienced record rainfall, exceeding [6 inches](#) in some areas of the state. The rain led to [significant flooding](#), damaging homes, businesses, and other infrastructure, and caused [two deaths](#).
- The severity of summer droughts in Michigan is expected to [triple](#) by 2050.
- Nearly [340,000 people](#) in Michigan live in areas that are at an elevated risk of inland flooding.

### Temperature

- Michigan currently [rarely experiences](#) days of dangerous heat per year but is projected to see [15 such days](#) per year by 2050. This endangers the lives of the more than [270,000](#) Michigan residents who are especially vulnerable to extreme heat.

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## Impacts of the Trump administration's anti-environmental policies

### Climate

- In March 2020, the Trump administration announced its [final rule](#) to overturn Obama-era fuel efficiency standards for cars. These weakened fuel standards will lead to [higher greenhouse gas](#) and particulate matter emissions and will cost Michiganders more than [\\$745 million](#) annually.
- The Trump administration is [attempting](#) to gut climate considerations from major infrastructure projects by [eliminating](#) the “cumulative impact” requirement of the National Environmental Policy Act. This is concerning because Michigan’s economy relies heavily on its food and agriculture industry and its outdoor recreation industry—both of which are highly dependent on climate and weather conditions.
  - **Agriculture:** Michigan’s food and agriculture industry employs [850,000](#) Michiganders, making up roughly [17 percent](#) of the state’s jobs. Additionally, the industry contributes [\\$104.7 billion](#) annually to the state’s economy.
  - **Outdoor recreation:** The outdoor recreation industry in Michigan generates [232,000 direct jobs](#) and more than [\\$26 billion](#) in consumer spending.

### Air quality

- Mercury emissions in Michigan decreased by more than [90 percent](#) from 2011 to 2017, yet the Trump administration [just undermined limits](#) on the amount of mercury and other toxic emissions that are allowed from power plants.