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## Summary Chart of the Health Impacts of Climate Change on Colorado

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### **This chart summarizes:**

- The manmade sources of pollutants that contribute to climate change
- How those pollutants contribute to the creation of greenhouse gasses
- How the consequences of climate change will impact Colorado (i.e., droughts, wildfires, etc)
- How one climate change consequence (such as drought or heatwave), can trigger more consequences (fire, air pollution)
- What the health effects of those consequences will be for Colorado
- How climate change creates a vicious cycle of increasingly negative impacts

**Note:** This chart addresses only the relationships between sources, pollutants, greenhouse gasses, consequences of climate change and associated health effects, not the relative size of each of these factors, other than the relative size of CO2 and methane compared to N2O and HFCs as contributors to climate change.

A full report of the health impacts of climate change (costs, injury, death) is available upon request.

**Bottom line:** The most effective way Colorado can address climate change and its impact on health is by reducing ground level ozone pollution. Currently, much of Colorado is either out of compliance or nearly out of compliance with Federal ozone standards. The main contributors to ozone pollution in Colorado are electric utilities, oil & gas development, and transportation.

# Flow Chart of the Health Effects of Climate Change as it relates to Colorado

By Tracey T Burnett

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