



Moms Clean Air Force

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ONE MILLION MOMS

Our mission is to protect children from air pollution and climate change. We envision a safe, stable, and equitable future where all children breathe clean air.

We are a community of over one million moms and dads united against air pollution – including the urgent crisis of our changing climate – to protect our children's health.

We fight for Justice in Every Breath, recognizing the importance of equitable solutions in addressing air pollution and climate change.



Moms Clean Air Force

Moms Clean Air Force is a community of over 1 million moms and dads united nationally to protect our children's health from air pollution and climate change.

Visit momscleanairforce.org to join the force!

Justice in Every Breath

Community RX, Faith Force, EcoMadres and Indigenous Outreach

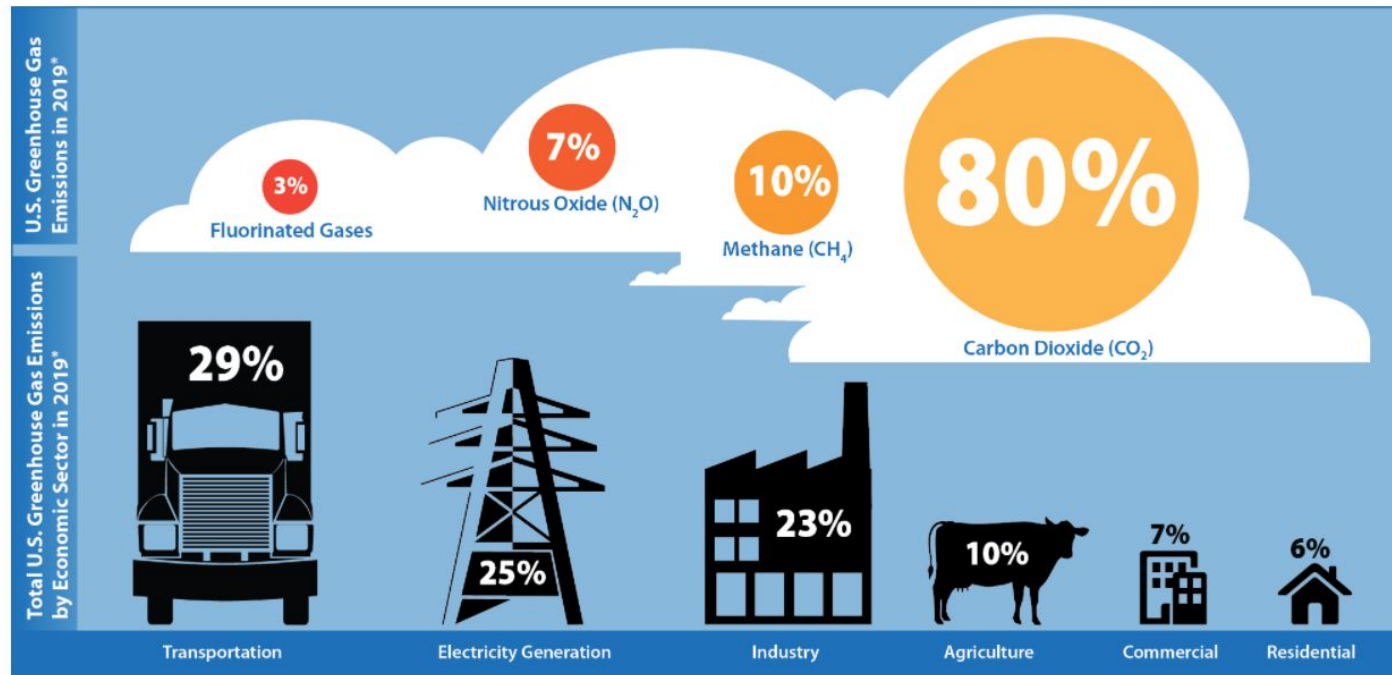
Communities of color and low income communities face the greatest risk because they are often hit “first and worst” by air pollution and climate change.

We fight for **Justice in Every Breath**



Sources of Greenhouse Gas Pollution

U.S. Greenhouse Gas Emissions (pollution) by Economic Sector



* Percentages may not add to 100% due to independent rounding and the way the inventory quantifies U.S. territories (not shown) as a separate sector.

The U.S. is the leading source of climate pollution, on a per capita basis

Oil and Gas Air Pollution



- **Methane (CH_4)**
- **Volatile Organic Compounds (VOC)**
- Carbon dioxide (CO_2)
- Carbon monoxide (CO)
- Particulate Matter
- Sand (silica dust)
- Radon
- Fracking chemicals
- Polycyclic Aromatic Hydrocarbons (PAH)

Air Pollution Health Impacts on the Indigenous Community



- Air pollution causes or exacerbates almost all of the major health disparities experienced by Indigenous people
- Indigenous people have higher risks of health problems such as adverse birth outcomes, asthma, diabetes, high-blood pressure, heart disease, cancers, and premature deaths than the general population
- **Asthma** - 13% of Indigenous children have asthma compared with 8.6% of children of nonIndigenous descent.

Why Do We Care About Methane Pollution?

Climate

- **Methane** is a greenhouse gas, and is 86 times more potent than CO₂ over a 20 year period

Health

- **Volatile Organic Compounds (VOCs)**
 - benzene



Olivia on the playground of the school about 500ft from drill rig

Methane Pollution: A 16 Million Ton Pollution Problem





Ft Worth, TX

Photo: International Mapping

17 million people live within a mile of an active oil and gas well

Vulnerable Populations



These populations are especially vulnerable to air pollution

- Older Adults
- People with underlying health conditions
- Pregnant women and unborn babies
- Children

Why Are Children Vulnerable to Air Pollution?

- Children have a higher respiratory rate and breathe in more toxins per pound of body weight than adults.
- Children don't clear toxins from their bodies as efficiently as adults due to reasons related to growth and development.
- Children's brains and lungs are still developing until early adulthood.



Adults in our society have an obligation to protect children who may not yet have a voice to speak for themselves

When Oil and Gas Comes To Town

Community Impacts

- Communities Divided
- Conflicts between friends & neighbors
- Feelings of powerlessness
- Anger over site location
- Concerns about safety & security
- Disillusionment with government
- Property values
- Economics - boom and bust cycle
- Health impacts
- Stress and anxiety



Moms Fight to Protect Families from Oil and Gas Pollution



Laurie Anderson
Moms Clean Air Force
Field Organizer CO



View outside of Laurie Anderson's house of the well pad

Moms Clean Air Force Community Resources



- 15 organizers in 13 states & DC
- Webinars
- Events
- Fact sheets
- Reports

Indigenous People and Air Pollution in the United States

A report from the National Tribal Air Association and Moms Clean Air Force

Key takeaways:

- Climate change and air pollution threatens Indigenous families health and ways of life
- Tribes are expressing sovereignty through air programs as a solution



How Oil and Gas Operations Impacts Your Baby's Health



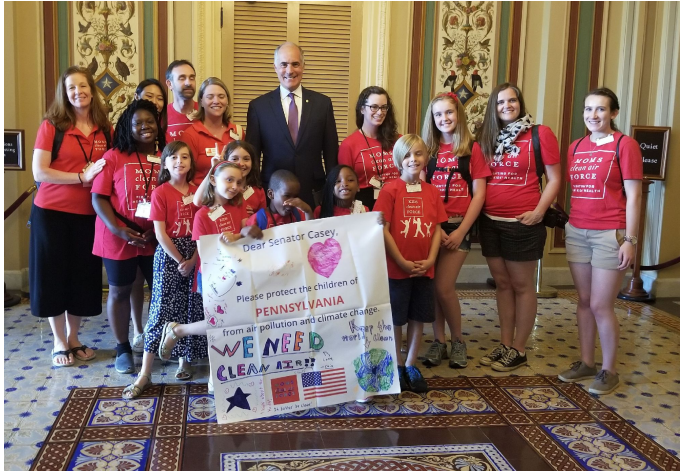
Air pollutants associated with oil and gas operations are known to cause serious health impacts in pregnant women, babies, and children – as well as other adults.

LEARN MORE WITH OUR NEW FACT SHEET

www.momscleanairforce.org/oil-gas-babys-health

A growing body of information indicates elevated risks to human health and adverse health outcomes

- Neurological issues
- Respiratory issues
- Asthma attacks
- Adverse birth outcomes
- Cancer



Taking Action

- Meetings with state and federal representatives and agencies
- Signing a petition
- Get the word out with social media
- LTEs and Op Eds
- Participate in public hearings and comment sessions

Make Your Voice Heard



Environmental Protection Agency (EPA) is now accepting public comments on a federal proposed methane rule for new and existing oil and gas operations

Two ways to take action:

1. Email written comments to the EPA by January 14, 2022.
Docket ID No. EPA-HQ-OAR-2021-0317

OR

2. Sign our petition <https://bit.ly/320HzVy>



**YOUR STORY IS
THE MOST
IMPORTANT**





Take Action

Contact your elected officials and agencies to tell them why cutting methane pollution is important to you!

Visit www.momscleanairforce.org to become a member, sign petitions, and volunteer!

Text to Join: 66866



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