



New Mexico Environment Department

New Mexico Regulatory Standards for Methane Emissions

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Investing for tomorrow, delivering today



Governor Lujan Grisham's Executive Order 2019-003



- ❑ Join the US Climate Alliance
- ❑ Achieve emission reductions of at least 45% below 2005 levels by 2030
- ❑ Establish the Climate Change Task Force
- ❑ Specific Policy Initiatives:
 - Increase the renewable portfolio standard and energy efficiency standards for electric utilities
 - Secure reductions in oil and gas emissions
 - Adopt zero and low-emission vehicle standards
 - Adopt energy-efficient building codes
 - Adopt market mechanisms



2018 Greenhouse Gas Inventory

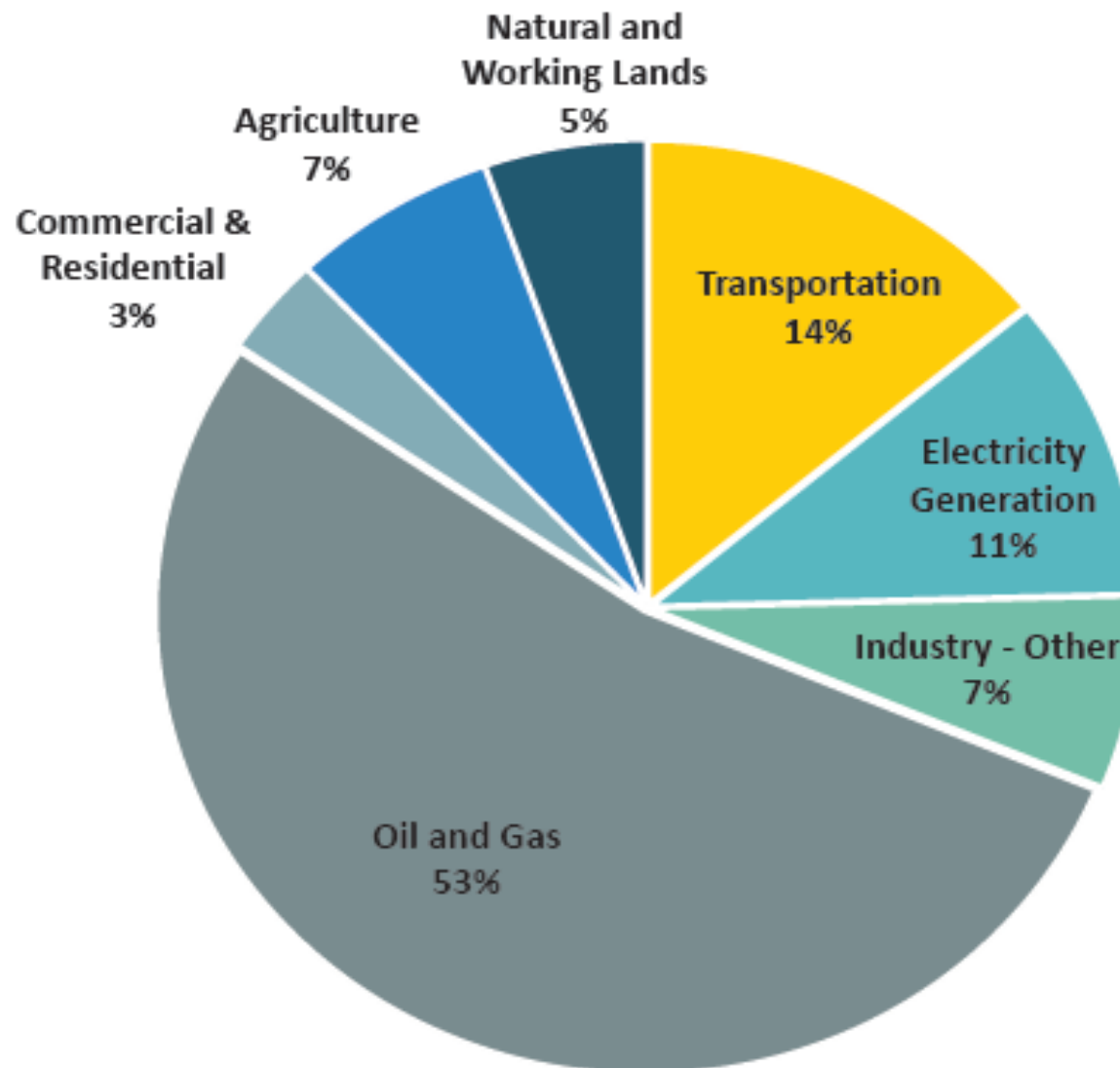
Industrial and Oil & Gas

Transportation

Electricity

Natural and Working Lands

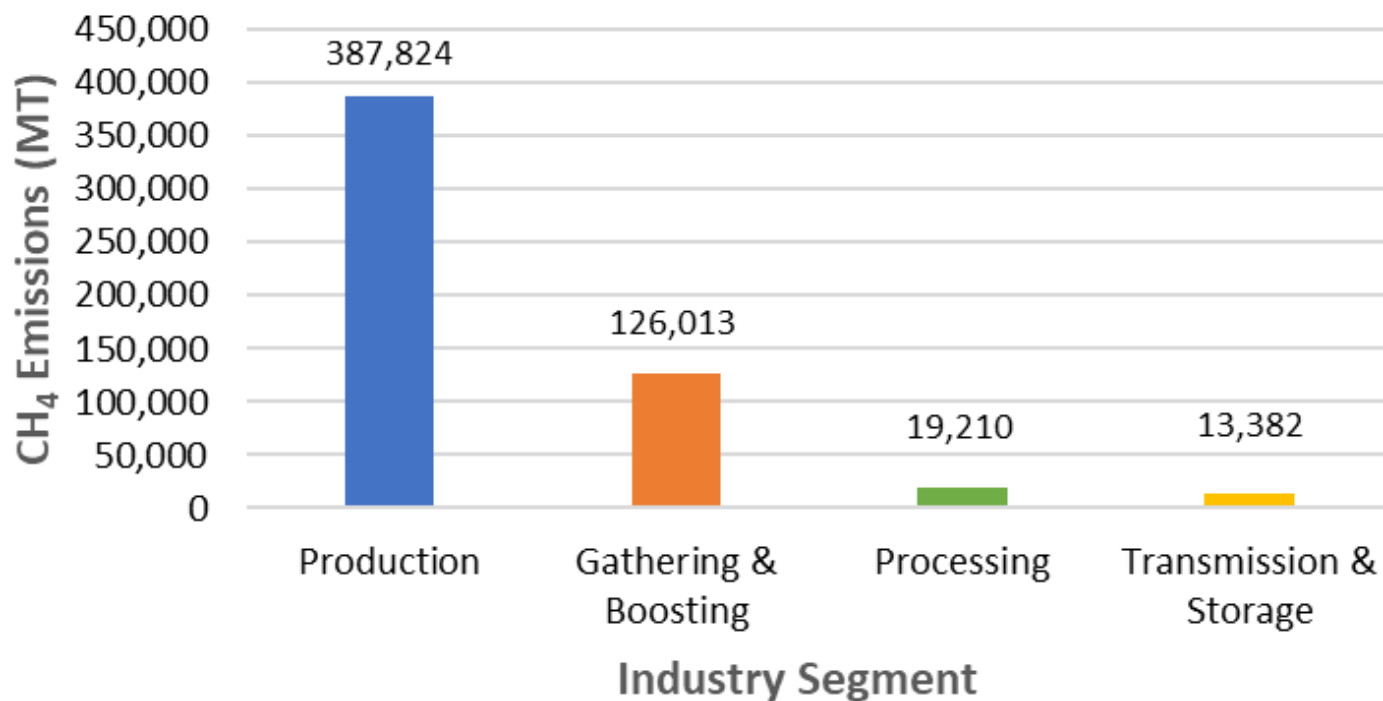
Built Environment





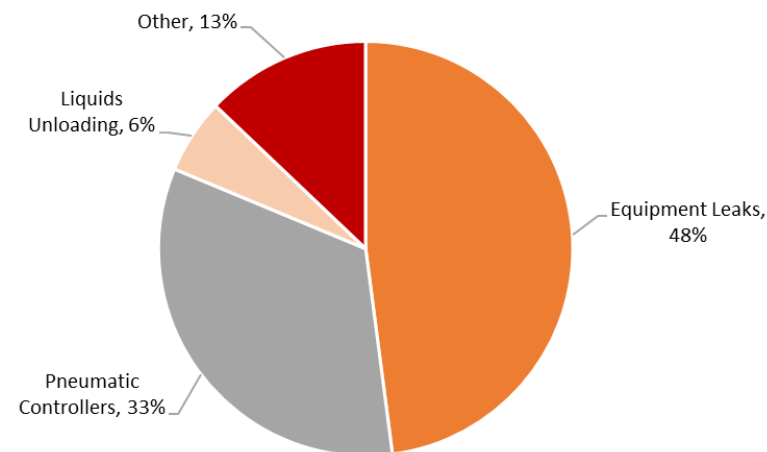
NM's 2020 Bottom-up O&G Greenhouse Gas Inventory

Total CH₄ Emissions (MT)

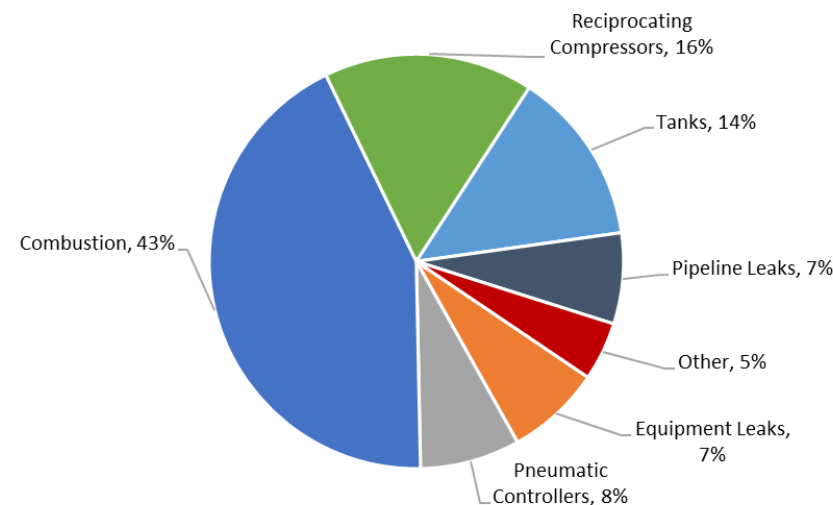


Note: CH₄ emissions were multiplied by a global warming potential of 27 to calculate the CO₂ equivalent.

Percentage of CH₄ Emissions, Production



Percentage of CH₄ Emissions, G&B





Natural Gas Waste Rule

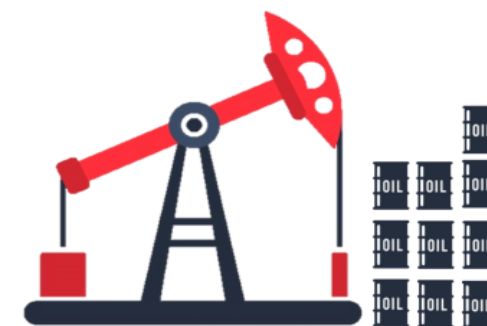
- One of the strongest gas capture regulations in the nation
- Requires capture of 98 percent of natural gas waste by the end of 2026
- Prohibits routine venting and flaring
- Addresses production and mid-stream including pipelines
- Includes extensive reporting of natural gas loss
- Require operators to implement alternative beneficial uses for natural gas if gathering systems are unavailable





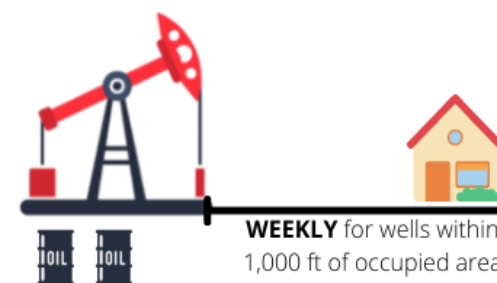
Ozone Precursor Rule

- Requirements are focused in seven NM counties where ambient ozone exceeds 95% of National Ambient Air Quality Standards
- Covers all oil and gas operations and the largest emitters have the strictest emission control measures
- Incentivizes development and deployment of new technologies.
- Protects most affected residents and communities.



WEEKLY AVO inspection

for facilities that produce
>10 barrels of oil or >60,000 ft
of natural gas per day



WEEKLY for wells within
1,000 ft of occupied area

MONTHLY AVO inspection

for facilities that produce
<10 barrels of oil or <60,000 ft
of natural gas per day