



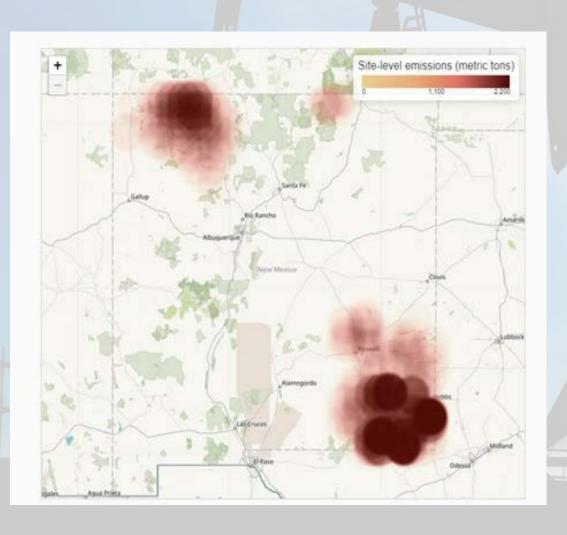


Comment Partners

- Baake Law, LLC
- > CAVU (Climate Advocates/Voices > NM Sportsmen Unidos)
- Clean Air Task Force
- Conservation Voters NM
- Diné CARE
- Devils Spring Ranch
- > Earthworks
- > NM Environmental Law Ctr.

- > NM Interfaith Power & Light
- Oil Change International
- ProgressNOW NM
- Rio Grande Indivisible
- ➤ Sierra Club Rio Grande Chapter
- San Juan Citizens Alliance
- Western Leaders Network

Annual Oil and Gas Air Pollution and Methane Waste in New Mexico



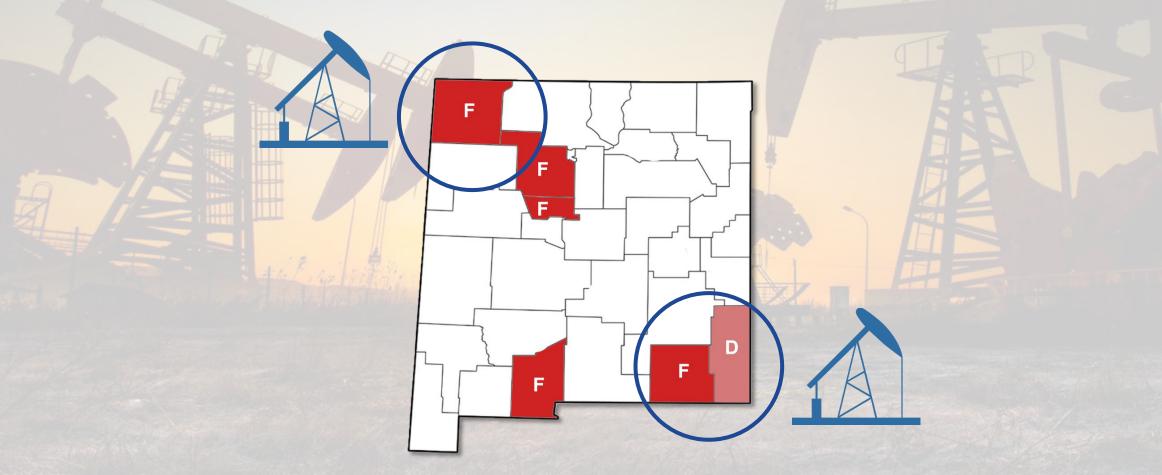
1 million tons of methane emissions

\$43 million in lost revenue

\$275 million in wasted gas

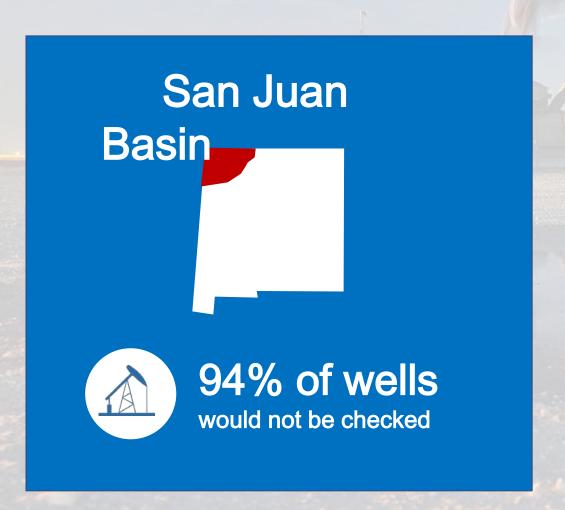
Unhealthy air quality

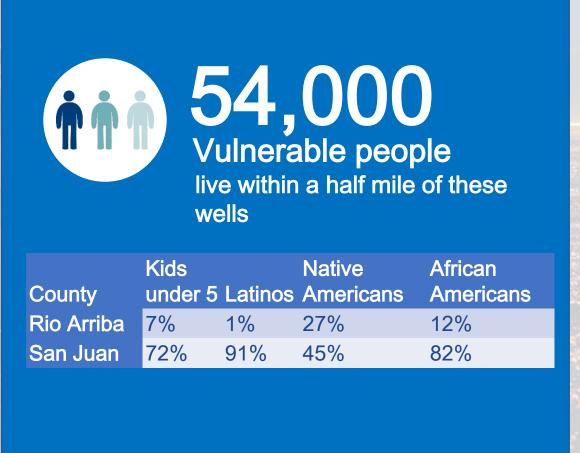
Oil and gas counties are experiencing unhealthy levels of ozone



American Lung Association Ozone Rankings

Strong Protections Are Needed for New Mexico's most vulnerable populations



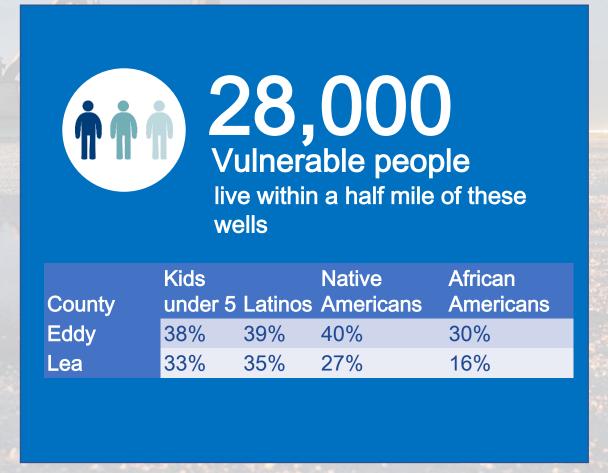


Strong Protections Are Needed for New Mexico's most vulnerable populations

Permian Basin







RESEARCH ARTICLE | ENVIRONMENTAL STUDIES

Quantifying methane emissions from the largest oilproducing basin in the United States from space

(D) Yuzhong Zhang^{1,2,3,4,*}, **(D)** Ritesh Gautam^{2,*}, **(D)** Sudhanshu Pandey⁵, **(D)** Mark Omara², Joannes D. Maasakkers⁵, **(D)** Pank...

+ See all authors and affiliations

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https://advances.sciencemag.org/content/6/17/eaaz5120

- Permian Basin oil & gas operations losing methane at twice the average rate of 11 other major U.S. oil & gas regions
- 3.7% of total natural gas production lost through venting, leaks, and unlit or malfunctioning flares

TABLE 3. PERCENT OF PRODUCTION FLARED BY TOP 25 COMPANIES, RANKED BY 2019 FLARING VOLUMES

COMPANY	2019 GAS Production (MCF)	2019 Flared (MCF)	PERCENT OF PRODUCTION FLARED
XTO ENERGY/XTO PERMIAN OPERATING/BOPCO, L.P.	72,028,232	4,467,296	6%
DEVON ENERGY PRODUCTION COMPANY, L.P.	110,174,749	4,082,241	4%
AMEREDEV OPERATING, LLC	4,600,491	3,591,068	78%
MARATHON OIL PERMIAN, LLC	27,338,268	2,252,093	8%
OXY USA/OCCIDENTAL PERMIAN	155,501,254	2,174,278	1%
CIMAREX ENERGY	78,995,491	2,062,078	3%
COG OPERATING/COG PRODUCTION	151,328,114	1,905,262	1%
WPX ENERGY PERMIAN, LLC	15,706,022	1,820,509	12%
EOG RESOURCES INC	157,968,423	1,709,131	1%
MATADOR PRODUCTION COMPANY	40,232,961	1,527,662	4%
CENTENNIAL RESOURCE PRODUCTION, LLC	5,742,344	1,350,926	24%
TAP ROCK OPERATING, LLC	6,050,693	1,051,638	17%
BTA OIL PRODUCERS, LLC	25,363,851	1,040,554	4%
APACHE CORPORATION	31,669,356	992,751	3%
SPUR ENERGY PARTNERS, LLC	2,333,468	891,471	38%
PERCUSSION PETROLEUM OPERATING, LLC	2,950,123	785,810	27%
CHISHOLM ENERGY OPERATING, LLC	9,832,639	489,190	5%
BURNETT OIL CO INC	3,809,527	439,480	12%
MURCHISON OIL AND GAS, LLC	2,710,429	344,418	13%
CONOCOPHILLIPS COMPANY	16,091,164	331,961	2%
IMPETRO OPERATING, LLC	808,641	244,726	30%
STEWARD ENERGY II, LLC	645,320	203,494	32%
FASKEN OIL & RANCH LTD	1,770,362	124,446	7%
RIDGEWAY ARIZONA OIL CORP.	129,739	91,789	71%
POGO OIL & GAS OPERATING, INC	915,939	86,607	9%



Flaring in the Oilfield: A Closer Look (August 2020)

https://westernlaw.org/wpcontent/uploads/2020/08/2020.08.05-WELC-NM-Flaring-Report.pdf



Value of captured natural gas not vented, flared, or leaked

Monetized
Benefits of
NMED ozone &
OCD methane
waste rules



Human health benefits of reduced air pollution

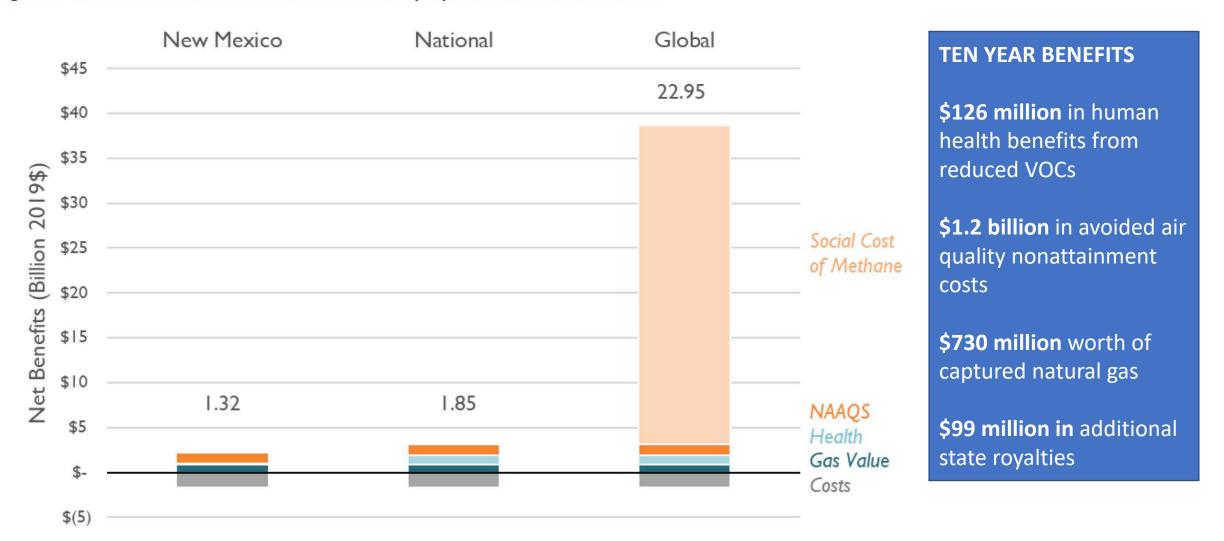


Global social benefit from greenhouse gas reductions



Avoided NAAQS nonattainment costs

Figure 3. Net benefits and benefit-cost ratios for the proposed rules in New Mexico



Synapse Energy Economics, Cost-Effectiveness of Proposed New Mexico Environment Department Oil & Gas Emissions Reduction Rules (September 15, 2020)

https://www.synapse-energy.com/project/benefit-cost-analysis-proposed-voc-emissions-rules-new-mexico



2016 METHANE AND WASTE PREVENTION RULE

- ❖ Net benefits of \$46 to \$204 million
- ❖ Annual cost to industry of \$110 to 279 million.
- Profit margins for small operators reduced by less than0.2% on average.

POLITICO

FOREIGN POLICY

French government blocks U.S. LNG deal as too dirty

The French trading firm Engie had been poised to sign the \$7 billion, 20-year contract.

"The French government, which is a part owner of Engie, stepped in to tell Engie's board of directors to delay, if not outright cancel, any deal because of concerns that U.S. natural gas producers emit too much methane at the West Texas oil and gas fields that will supply gas to the NextDecade plant, said Lorette Philippot, head of private finance campaigns for French environmental group Les Amis de la Terre, a French affiliate of the green group Friends of the Earth that met with French government officials to oppose the deal."

https://www.politico.com/news/2020/10/21/french-government-blocks-lng-deal-431028#



"[I]t is a mistake to confuse production with profits. As this report explains, overproduction of oil and gas contributed to the industry's weak finances, even as it masked the fiscal risks New Mexico faces from its heavy reliance on oil and gas revenues. Moving forward, weak demand growth for oil and gas—resulting from significant economic and technological trends described in this report—has created headwinds that will likely impede a rebound. As a result, the sector is likely to face even stricter financial constraints in the future."

-IEEFA, New Mexico's Risky Reliance on Oil Revenue Must Change: Industry Fundamentals Point to Long-Term Decline (October 2020)

https://ieefa.org/wp-content/uploads/2020/10/New-Mexicos-Risky-Reliance-on-Oil-Revenue October-2020.pdf



Five Key Points

- > Ozone pollution and methane waste is a significant problem with a sensible solution: state-level rules that lead the nation and create a model for action.
- > Rules likely to provide net benefits to New Mexicans, the U.S., and the world.
- > Rules deserve full support via funding for NMED and OCD implementation.
- ➤ O&G industry tipping into structural decline due to downward spiral of oversupply, demand reduction, low prices, high debt levels, energy market competition, & climate risk.
- Fiscally prudent path forward for New Mexico: (1) Promulgate and support strong ozone and methane safeguards; (2) Build federal, state, tribal, and local partnerships; and (3) Leverage partnerships to diversify and stabilize state revenue streams and the economies of oil and gas dependent communities.