RESEARCH REFERENCE AND CITATION GUIDE

U.S. Natural Gas Venting and Flaring

US natural gas venting and flaring statistics, complete reported state volumes, matched gross withdrawal rates, 2020 to 2024 changes, sources and reusable data.

Updated November 2026

A concise reference to the full source-backed study, with exact finding links. Source observation periods remain distinct from the article date.

EIA reported combined venting AND flaring, not flaring only or emissions. Rates divide by the same state and year gross withdrawals. State ranks cover only numeric source observations with a positive gross denominator; unavailable states are excluded, not assigned zero. American Mineral Registry compilation and calculations from EIA.

Specific findings with their source boundaries

EIA reports 335.163 billion cubic feet of combined natural gas vented and flared in the United States in 2024. American Mineral Registry calculates this as 0.730716% of the matching 45,867.761 billion cubic feet of gross withdrawals. Exact finding 1.

Among states with numeric EIA observations, Texas reported the largest combined vented and flared natural gas volume in 2024, 163.512 billion cubic feet. American Mineral Registry calculates its share of the published U.S. combined total at 48.785815%, and its share of matching Texas gross withdrawals at 1.265672%. Exact finding 2.

Among states with numeric EIA observations and positive gross withdrawals, Montana had the highest reported combined vented and flared share in 2024, 11.547834%. Its 5.497 billion cubic feet was sixth by volume; Texas was first by volume and fourth by share. American Mineral Registry calculations use matched source quantities. Exact finding 3.

Texas, North Dakota and Wyoming reported 291.158 billion cubic feet of combined vented and flared natural gas in 2024. American Mineral Registry calculates this as 86.870567% of EIA's published U.S. combined total of 335.163 billion cubic feet. The calculation does not estimate unavailable state quantities. Exact finding 4.

From 2020 to 2024 in the fixed 2024 EIA Annual edition, reported U.S. combined vented and flared natural gas volume fell 1.211123%, while gross withdrawals rose 12.614395%. American Mineral Registry calculates that the combined disposal share fell from 0.832980% to 0.730716%, a relative decline of 12.276866% or 0.102264 percentage points. Exact finding 5.

From 2020 to 2024 in the fixed EIA Annual edition, North Dakota's reported combined vented and flared volume fell 31.976651%, from 99.532 to 67.705 billion cubic feet, while gross withdrawals rose 26.990700%. American Mineral Registry calculates the share of matching gross withdrawals fell from 10.084531% to 5.401841%. Exact finding 6.

From 2020 to 2024 in the fixed EIA Annual edition, New Mexico's reported combined vented and flared volume fell 24.446417%, while matching gross withdrawals rose 80.343432%. American Mineral Registry calculates the combined disposal share declined from 1.123650% to 0.470745%, a relative share decline of 58.105720%. Exact finding 7.

From 2020 to 2024 in the fixed EIA Annual edition, Wyoming's reported combined vented and flared gas volume fell 0.784573%, but matching gross withdrawals fell 8.797975%. American Mineral Registry calculates that the combined disposal share rose from 4.101847% to 4.462253%, an increase of 0.360406 percentage points. Exact finding 8.

From 2020 to 2024 in the fixed EIA Annual edition, Colorado's reported combined vented and flared gas volume declined 92.805519%, from 3.044 to 0.219 billion cubic feet. American Mineral Registry calculates its share of matching gross withdrawals fell from 0.152216% to 0.011858%. This is a source based numerical comparison, not a causal policy estimate. Exact finding 9.

EIA's 2024 Annual Table 3 marks combined vented and flared gas NA for Arkansas, Ohio, Oklahoma and Pennsylvania, while the October 2026 historical workbook displays 0 in Data 1 cells F92, T92, U92 and V92 respectively. American Mineral Registry preserves the Annual NA markers and leaves those state rates unavailable. Exact finding 10.

Method, definitions and complete data

EIA reported combined venting AND flaring, not flaring only or emissions. Rates divide by the same state and year gross withdrawals. State ranks cover only numeric source observations with a positive gross denominator; unavailable states are excluded, not assigned zero. American Mineral Registry compilation and calculations from EIA.

The full HTML article includes source definitions, supporting tables, the complete fixed comparison and a specific permanent link for each finding. Figures are also readable as HTML text. This PDF is a concise reference to the complete article, not a replacement for its detailed methodology.

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Sources

Original primary source https://www.eia.gov/naturalgas/annual/pdf/table_003.pdf

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American Mineral Registry Research. Fixed November 2026 analysis edition.