



Natural Gas in MASSACHUSETTS

FAST FACTS



Natural gas is the **most consumed** residential energy source in the state.



1.5 million households rely on natural gas.



Natural gas is the **primary source** for electricity generation.



Natural gas is helping **reduce emissions**.

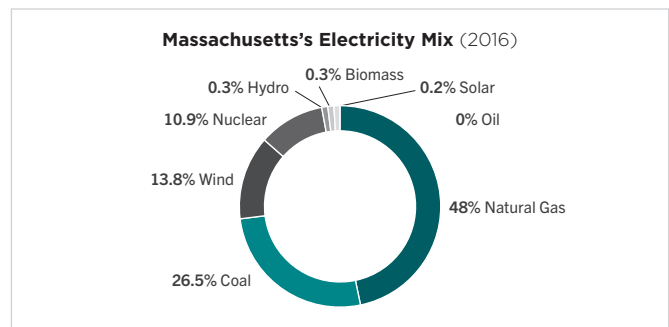


CONSUMER TRENDS

- 1.5 million households rely on natural gas.
- There are 144,600 commercial customers and 11,200 industrial customers of natural gas in Massachusetts.¹
 - In 2018, the top industries for gas consumption were paper, chemicals, food, fabricated metal products and non-metallic mineral products representing 72% of natural gas industrial demand.



Natural gas is the **most consumed energy source for electricity in Massachusetts at 48%.**

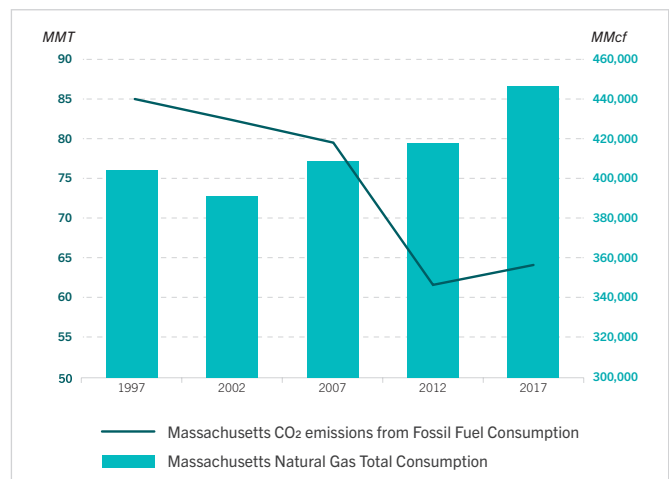


REDUCING EMISSIONS

- In 2017, Massachusetts reduced annual consumption of natural gas by 1.2% through efficiency programs, the highest reduction of any state in the country.
- In 2016, natural gas systems (distribution and transmission) emissions represented only 1.1% of total Massachusetts GHG emissions.
- Massachusetts utilities spent nearly \$162 million on energy efficiency programs in 2017.



As natural gas replaces coal and petroleum in the power sector, emissions are being reduced.





PRICE TRENDS

- Natural gas is the cheapest residential energy option in Massachusetts.
- Electricity is especially expensive: the cost per MMBtu is \$58.79 vs \$12.94 for natural gas.



A new natural gas home costs \$916 a year to operate compared to \$1,976 for an electric equivalent.



The average price of electricity to the residential sector in Massachusetts is the fourth highest in the country.

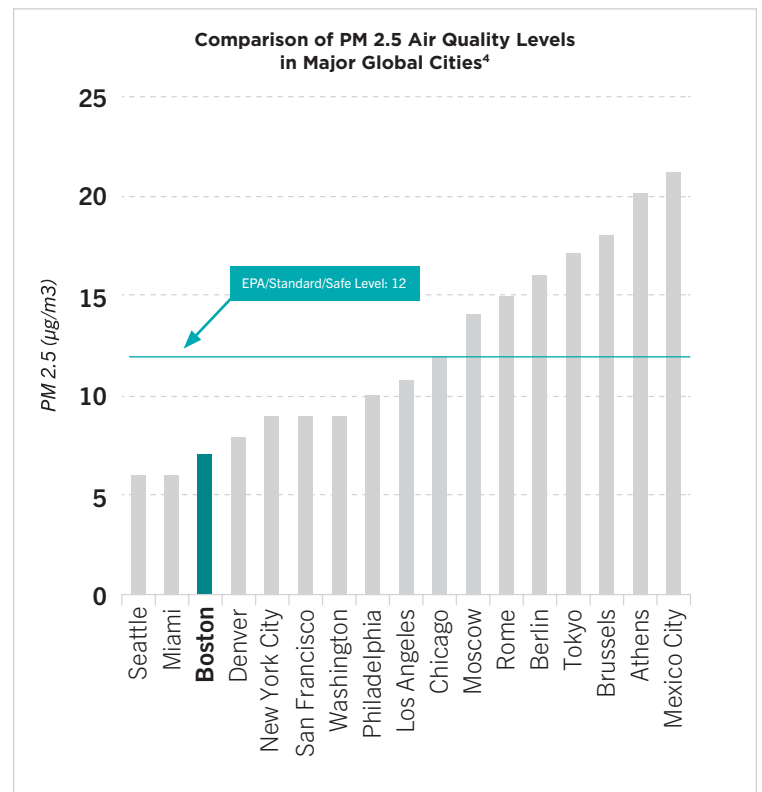


NATURAL GAS IN YOUR STATE

- The natural gas industry provides 63,500 jobs. Direct, indirect, and induced value added in 2015 was \$7.98 billion.²
- In fiscal year 2020, the state received more than \$114 million in The Low Income Home Energy Assistance Program (LIHEAP) funding (Including Tribal set-asides).
 - LIHEAP is a federal block grant program that provides financial assistance to low and fixed-income individuals for fuel and utility bills, as well as low-cost weatherization and energy-related home repairs.³



Boston's air quality level ranks in the top three among major global cities.



IN THE BOSTON METRO AREA:

- Approximately 1 million households rely on natural gas for heating.
- Approximately 1.06 million households rely on natural gas for water heating.
- Approximately 900,000 households rely on natural gas for cooking.

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1. <https://www.eia.gov/naturalgas/ngqs/#?year1=2015&year2=2018&company=Name>
 2. API Natural Gas Industry Impact Report's Massachusetts section
 3. <https://liheapch.acf.hhs.gov/Funding/funding.htm>
 4. World Health Organization