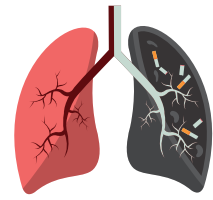


# LUNG CANCER

## MADISON COUNTY PUBLIC HEALTH DATA BRIEF NOVEMBER 2024



Lung cancer is a significant public health issue, responsible for an estimated **209,500 new cases** and **131,800 deaths** in the United States each year. It is the leading cause of cancer-related deaths for men and women. It can be prevented by avoiding tobacco, vapes, radon, and secondhand smoke.

### NEW YORK STATE:

Incidence (New Cases)

**53.5** per 100,000

Mortality (Deaths)

**27.6** per 100,000

### MADISON COUNTY:

Incidence (New Cases)

**62.9** per 100,000

Mortality (Deaths)

**39.5** per 100,000

### LEADING CAUSES OF LUNG CANCER:

#### Tobacco

In Madison County, **20.1%** of adults are current tobacco smokers.



#### Vaping

In 2022, **19.4%** of students in Madison County reported vaping, similar to the New York State average of **18.7%**.



#### Radon

Of the homes tested in Madison County, **41.4%** of basements and **16.4%** of first floors have elevated radon levels.



#### Secondhand Smoke

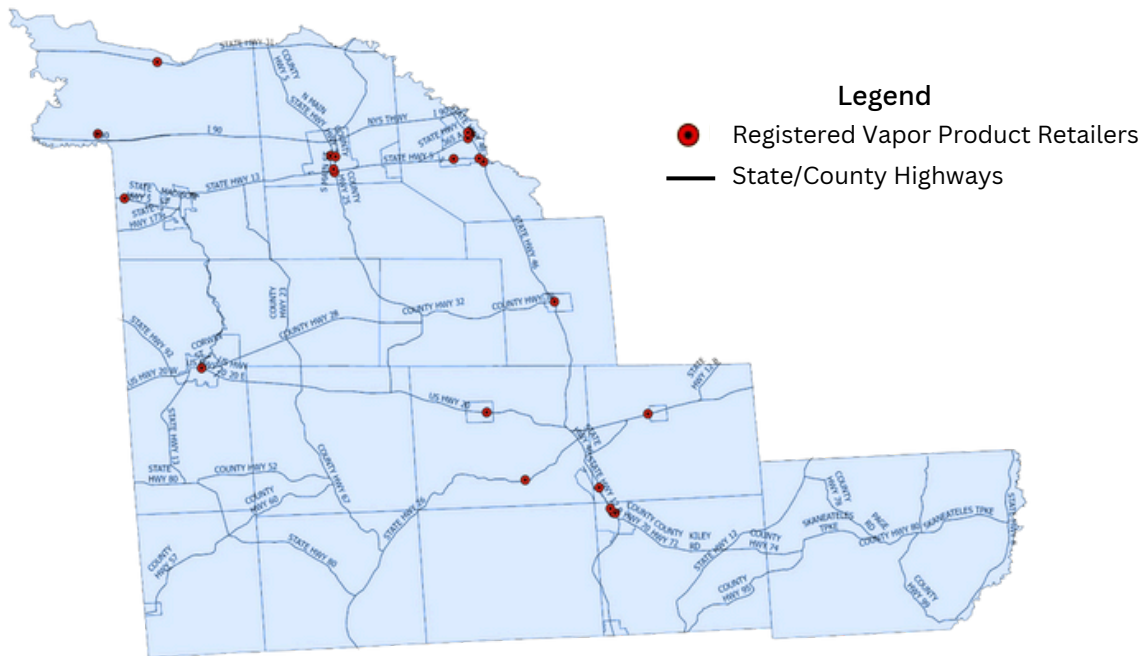
Adults who do not smoke and are exposed to secondhand smoke increase their risk of developing lung cancer by **20-30%**.

### HOW YOU CAN PREVENT LUNG CANCER:

- **Quit smoking** - It is the best thing you can do for your health. Call BRIDGES at 315-687-3947.
- Get your **home tested** with a **free radon kit** from Madison County Public Health. Call 315-366-2526.
- **Avoid secondhand smoke.** Make your home and car smoke-free and encourage anyone who lives with you to quit smoking.
- Eat **healthy foods** and **exercise** regularly.
- **Get screened** for lung cancer to catch any signs of cancer as soon as possible.

The map below was developed by Madison County Public Health, showing the location of retailers who sell vapor products.

## Map of Vapor Product Retailers in Madison County



### WHAT COMMUNITIES CAN DO :

- Adopt **minimum distance requirements** between **schools and tobacco/vape retailers**.
- Require **disclosure of smoking policy** in rental agreements. Provide education to property owners and tenants on the harms of secondhand smoke.
- Strongly recommend that all homes be **tested for radon** during a **real-estate transaction**.
- Adopt local ordinance to abide by **Radon Resistant New Construction (RRNC) Standards** for new buildings.
- Enforce **smoke/vape-free laws** that prohibit smoking in all indoor and youth spaces.
- New York **bans the sale of flavored vapes**. Ensure local stores are complying.

### LOCAL RESOURCES :

- **BRiDGES** and **Family & Children's Counseling Services** offer Teen Intervene, a program for teenagers experiencing mild or moderate problems associated with alcohol or other drug use. This includes smoking and vaping.
- **Liberty Resources** offers counseling for people who are recovering from addiction to substance use.
- The **Central New York Regional Center for Tobacco Health Systems** promotes tobacco-free policies and provides resources for smoking cessation.

#### Sources:

Cancer Registry and Cancer Statistics. New York State Department of Health (2024).  
Lung Cancer Risk Factors. Centers for Disease Control and Prevention (2023).  
Teen Assessment Project (TAP) Survey Report. Madison County Youth Bureau (2022).