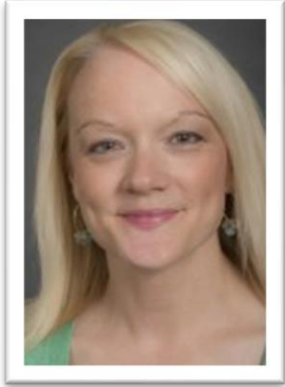


# **Cancer in Dallas County**

*Mary Charlton, PhD & Amanda Kahl, MPH*

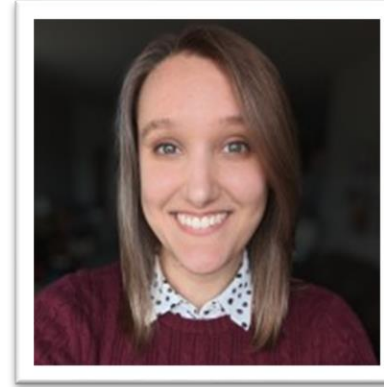
March 6, 2025

# Who we are



## **Mary Charlton, PhD**

- Professor, University of Iowa College of Public Health
- Director, Iowa Cancer Registry
- President, Iowa Cancer Consortium
- Co-Leader of the Cancer Epidemiology & Population Science Program, Holden Comprehensive Cancer Center
- Research: Rural/ Urban differences in cancer prevention, screening, & quality of care



## **Amanda Kahl, MPH**

- Epidemiologist, Iowa Cancer Registry
- Studies:
  - Associations between viral infections & cancer
  - Rural-urban differences in treatment and quality of cancer care
  - Cancer Registry data quality

# 99 Counties Project Team



Iowa Cancer  
Consortium

[www.canceriowa.org](http://www.canceriowa.org)



IOWA  
HEALTH CARE

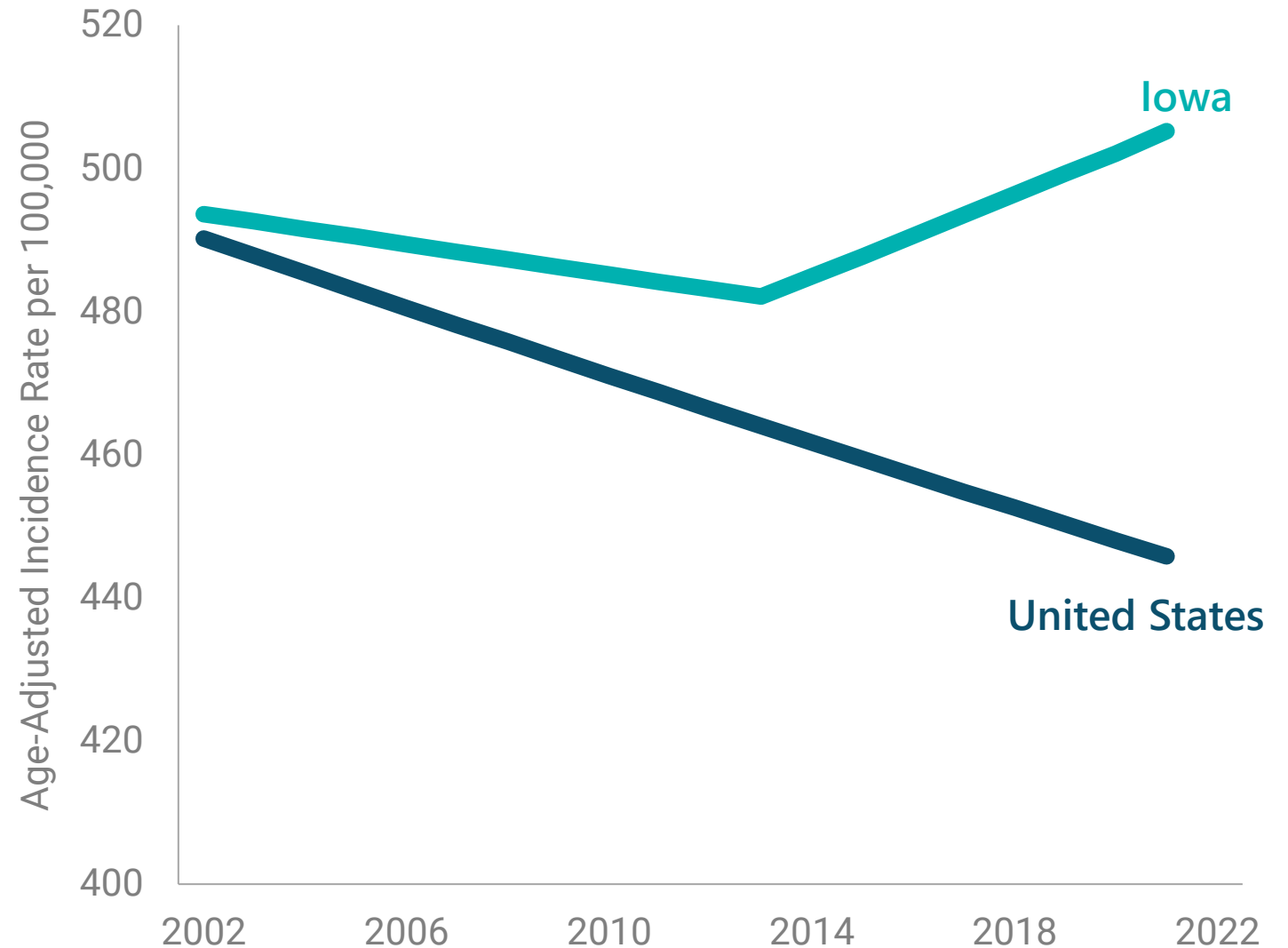
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Holden Comprehensive  
Cancer Center

IOWA™ | Health and  
Human Services

Iowa has the **second** highest rate of new cancers in the U.S.

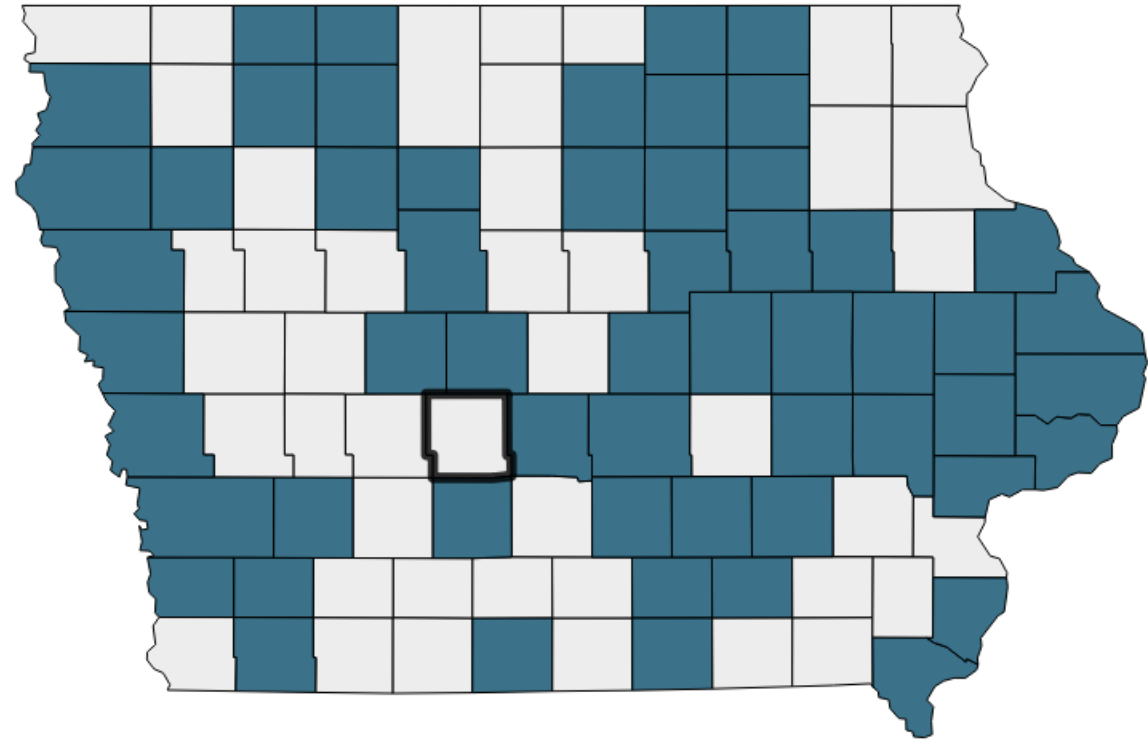
**Iowa's rate is rising** while the rest of the country improves



# Over half of Iowa's counties have a higher incidence rate than the U.S.

**56** Counties with rates **OVER** the national average

**0** Counties below the national average



■ Above National rates  
■ Similar to National rates

# About the Project

**Goal:** to enhance **community engagement** & **education** around cancer prevention and control across all of Iowa's 99 counties.



Present county-specific cancer data



Listen



Provide Resources



Recommend actions

*“Statistics are people  
with the tears wiped away”*

*Dr. Irving Selikoff*

# Cancer Control Partners in Iowa

## State Government



### Governor

- Implement state laws
- Advance and pursue policies and programs

### Iowa Legislature

- Propose and vote on legislation
- Appropriate money to state agencies and programs
- Create and modify Iowa laws



### Bureau of Chronic, Congenital and Inherited Conditions

#### Comprehensive Cancer Control Program

Cancer prevention, screening, survivorship

Care for Yourself  
(Breast & Cervical Cancer Program)

Colorectal Cancer Screening Program

### Bureau of Environmental Health Services

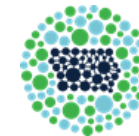
- Track environmental health-related diseases
- Assist local boards of health

### Local (County) Public Health Services/Boards of Health

- Address health priorities and health disparities
- Promote healthy living
- Protect against environmental hazards
- Assure access to health services

Unity Point, MercyOne, Great River, Avera, Mayo, Methodist, Gundersen, Sanford and numerous independent **health systems, hospitals and clinics across Iowa**

Provide cancer prevention, screening, treatment, and survivorship services



Iowa Cancer Consortium

Advocate, collaborate, plan



### Iowa Cancer Action Network

Advocate for better policies

### ACS Iowa

Help with cancer treatment and recovery



Iowa's only NCI Designated Cancer Center

Health Care, research, education



STATE HEALTH REGISTRY OF IOWA

Data, research, education

## UI Research Centers



Center for Health Effects of Environmental Contamination





# Federal Funding for Cancer Control

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- The Iowa Cancer Registry is funded in part with Federal funds from the **National Cancer Institute (National Institutes of Health)**, Department of Health and Human Services, under Contract No. HHSN261201800012I
- The Cancer in Iowa: 99 Counties Project is specifically funded by Federal funds from the **National Cancer Institute** through grant award: 5R01CA254628-04S2, and through National Cancer Institute funds provided to the University of Iowa Holden Comprehensive Cancer Center (P30CA086862)
- The Iowa Cancer Consortium acknowledges the **Centers for Disease Control and Prevention (CDC)** for its funding support under cooperative agreement NU58DP007103 awarded to the Iowa Department of Health and Human Services (Iowa HHS).

The contents of this presentation are solely the responsibility of the authors and do not necessarily represent the official views of CDC or the National Institutes of Health/National Cancer Institute.

# Iowa Cancer Registry Goals



**Assemble & report data** on new cancers, cancer deaths, & survival

Respond to **data requests** from organizations & individuals

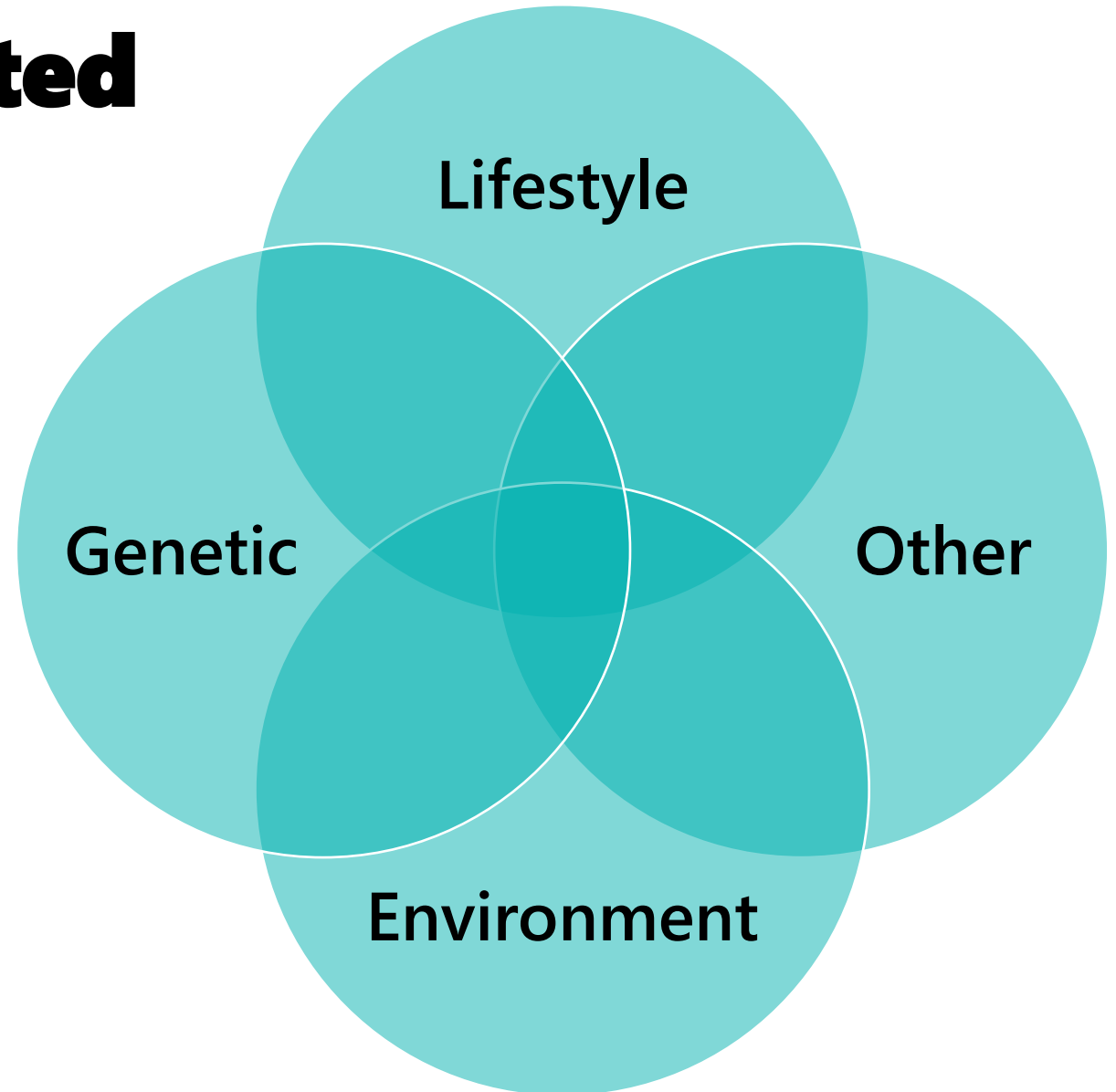
**Support studies** for cancer prevention, research, & education



# **Background on Cancer**

# Cancer is Complicated

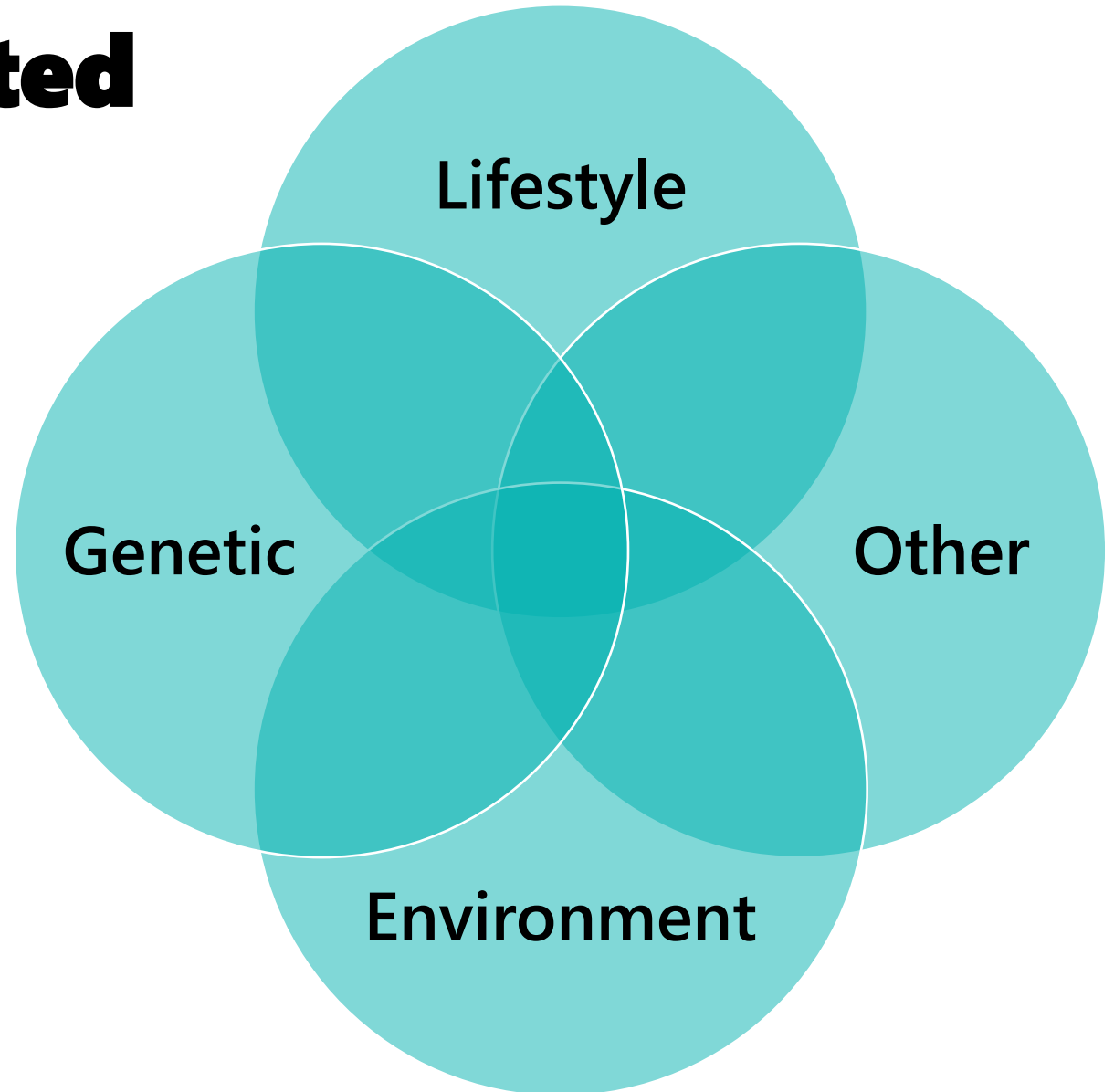
There is no one cause of cancer; it is a combination of different **genetic, lifestyle, environmental,** and **structural** risk factors that change the function of cells

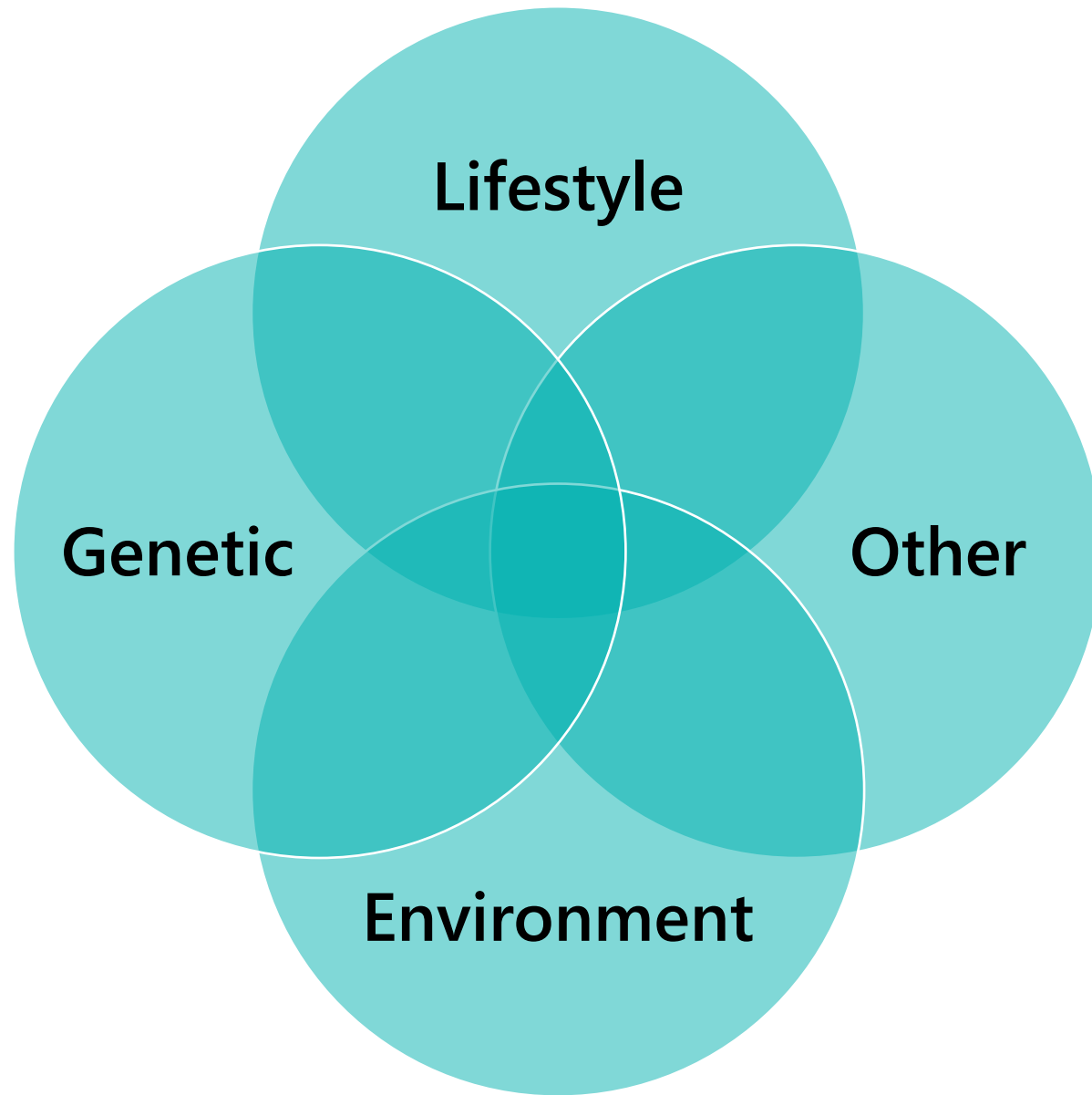


# Cancer is Complicated

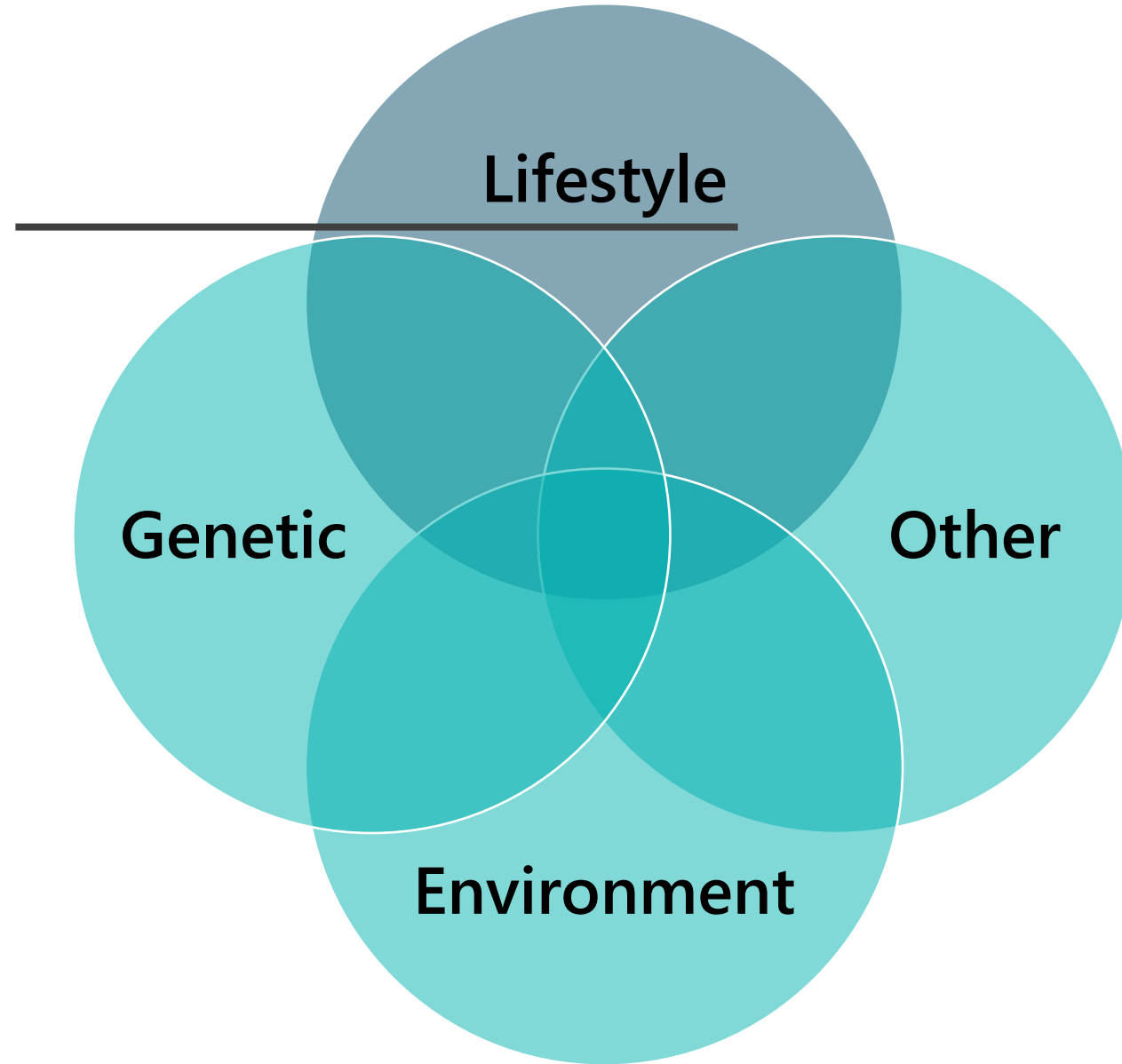
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Risk factors are things that increase your chances of getting cancer

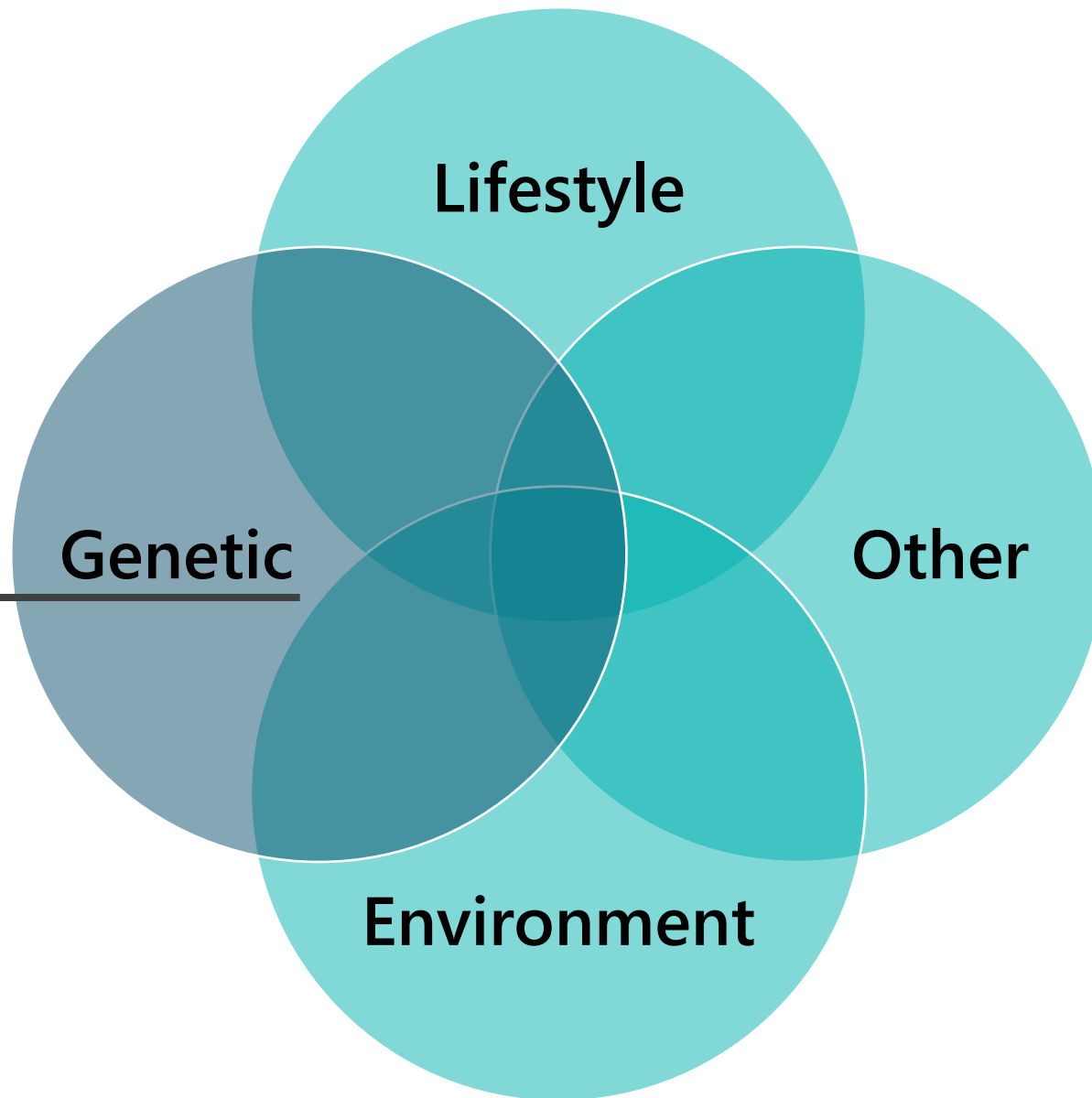




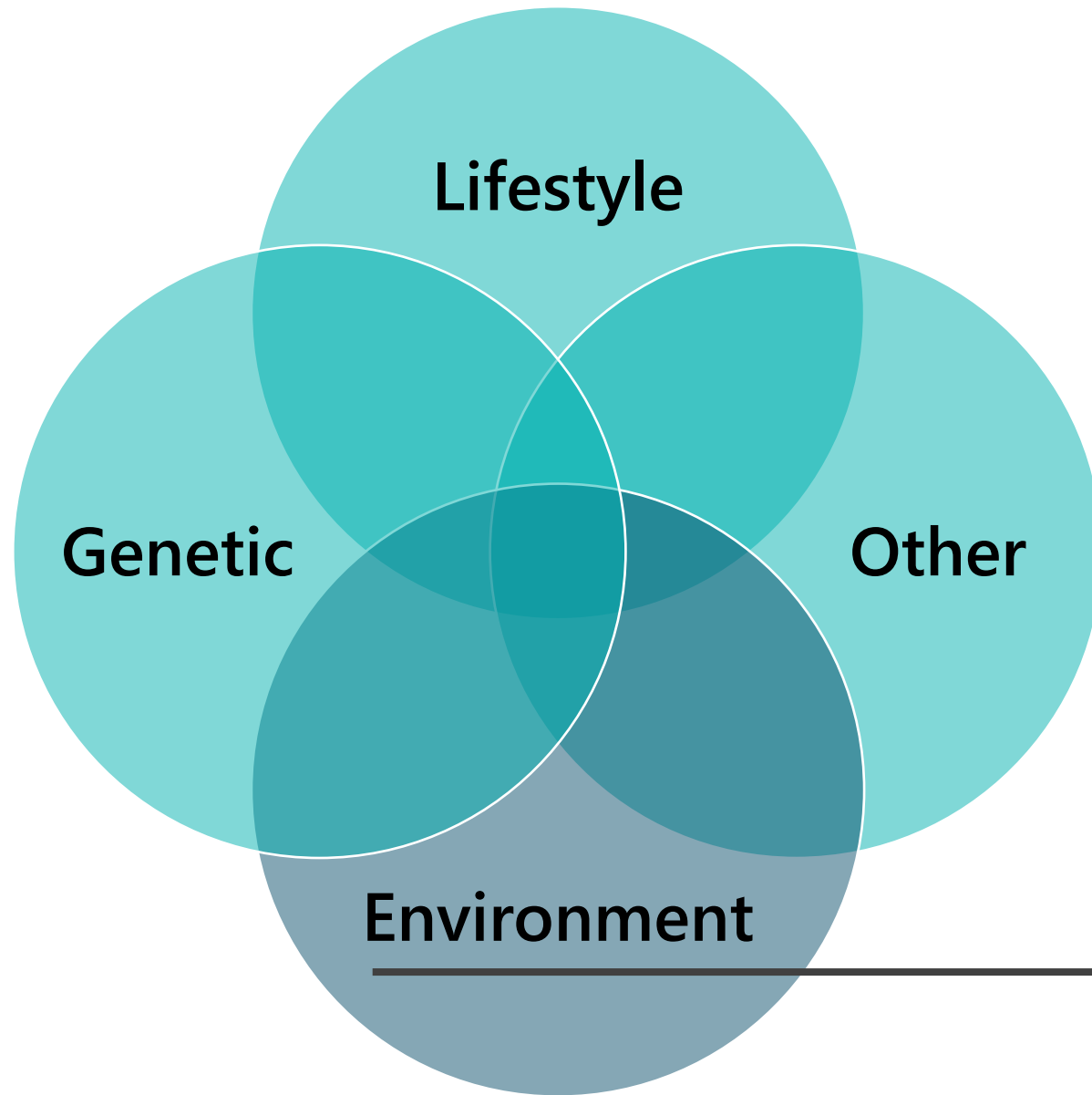
- Tobacco
- Alcohol
- Unhealthy diet
- Not being physically active
- Sunburns



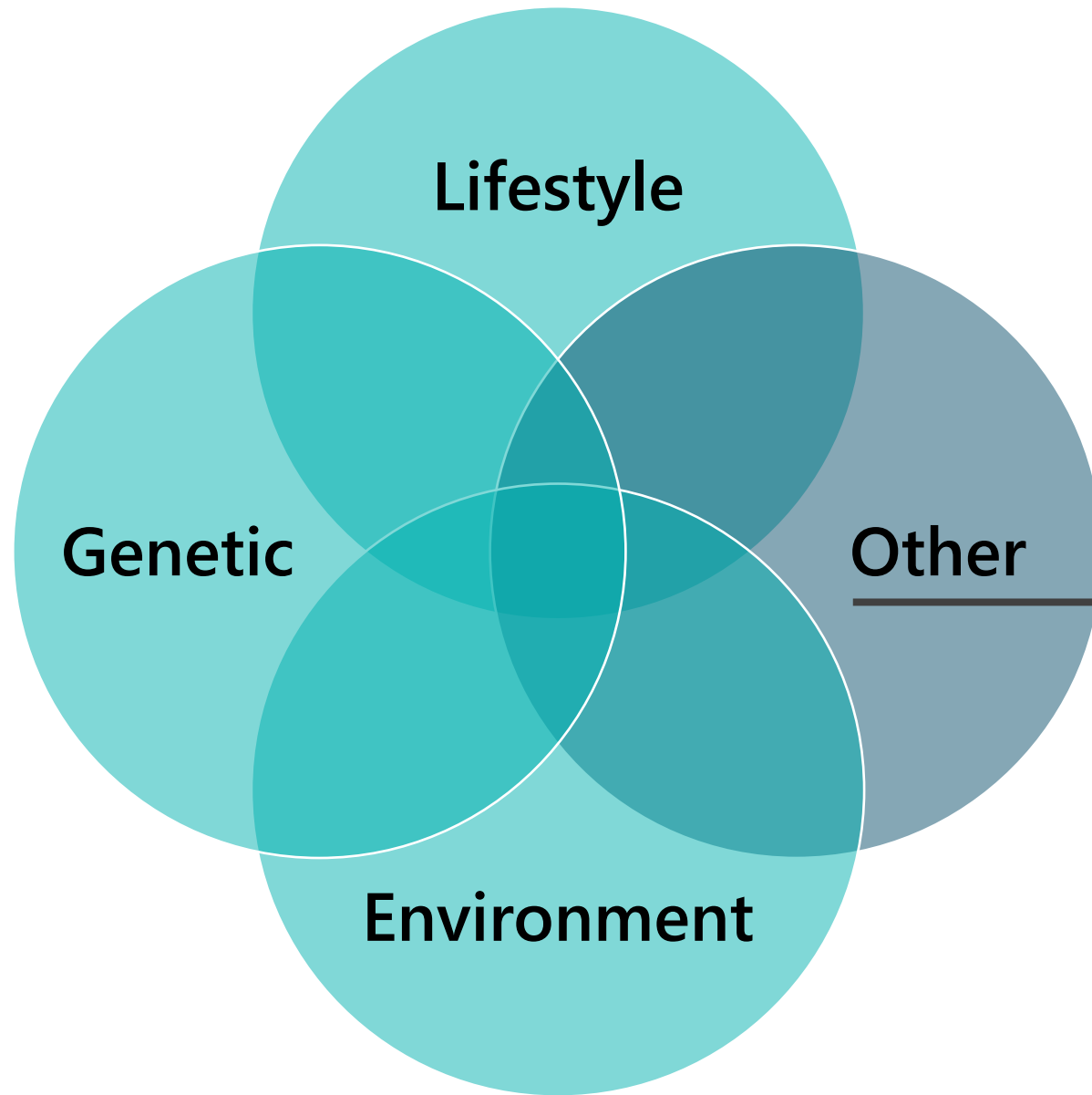
- Family history of cancer
- Random mutations







- Exposure to chemicals
- Radiation



- **Aging**
- Viruses (HPV, HIV)
- Medical conditions like chronic inflammation

# Cancer & the Environment

---

- Many Iowans understandably have questions about potential links between environmental exposures and cancer
- This is an important area of continued research, and Iowans are right to ask questions and be cautious
- ICR, along with other population-based cancer registries, do not collect data on environmental risk factors, but we do share our data with researchers to support studies of cancer & environmental risk factors

# Risk Factors

---

- There can be many years between exposure to risk factors & cancer development, which makes it difficult to prove connections.
  - For example, lung cancer may not occur until 30 years after a person starts smoking
- To reduce your risk, **avoid risk factors** whenever possible
- Today we will focus on things you can do to reduce your cancer risk. These things can be addressed at the state, community, and individual levels.



# **Key Terms**

# Incidence & Mortality

---

- Incidence
  - Number of **new cases** of a disease occurring during a specified time period in a population
- Mortality
  - Number of **deaths** from a disease that occur during a specified time period in a population

# Rates & Counts

---

- Counts
  - The **number** of new cases diagnosed or deaths from cancer
- Rates
  - Adjusts the counts to give a **# per 100,000 people**
- Age-Adjusted Rates
  - Addresses the question: *If the size and age of the populations were the same, would there be a difference in outcomes?*

# **Stage definition used today**

- **Early Stage includes**
  - **Localized:** Cancer is limited to the place where it started, with no sign that it has spread
- **Late Stage includes**
  - **Regional:** Cancer has spread to nearby lymph nodes, tissues, or organs.
  - **Distant:** Cancer has spread to distant parts of the body

<https://www.cancer.gov/about-cancer/diagnosis-staging/staging>



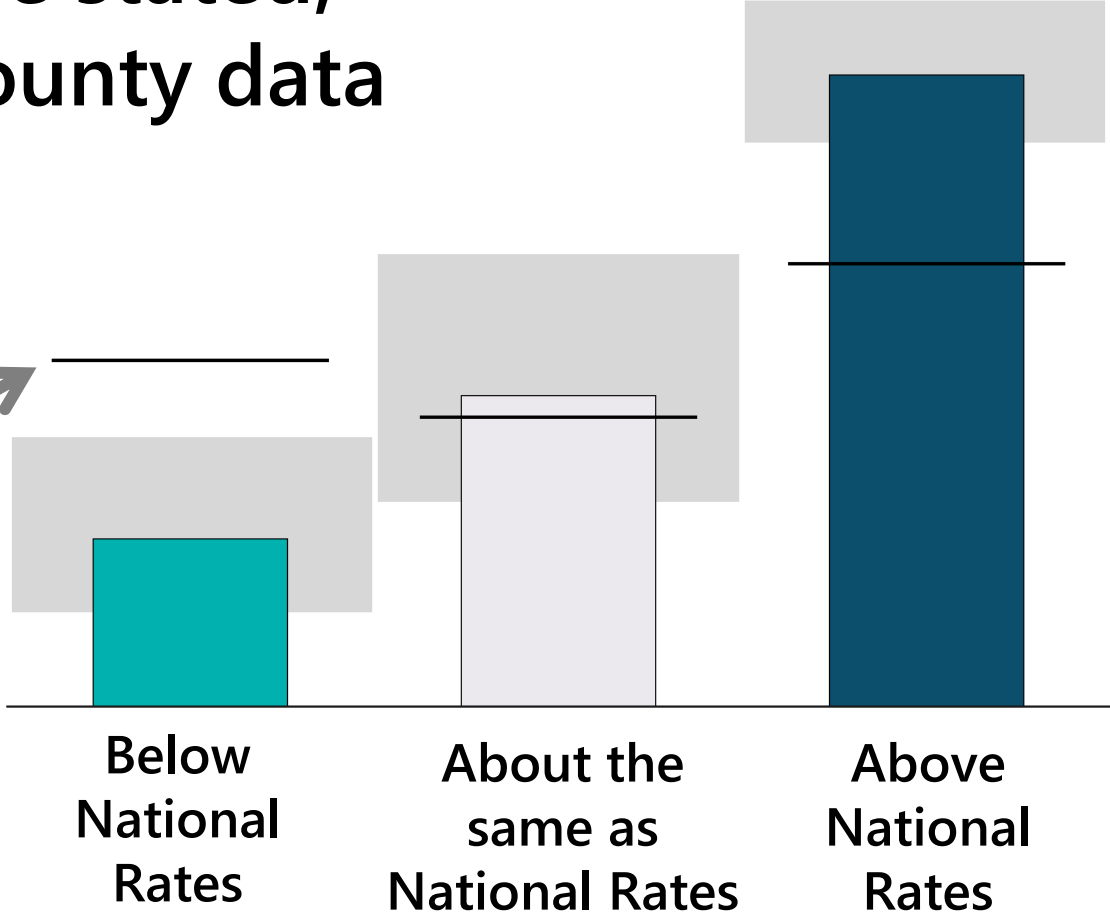
# How to read the graphs

Unless otherwise stated,  
bars are your county data

Grey boxes on  
bar graphs are  
95% Confidence  
Intervals.

These are used to  
determine if rates  
are statistically  
different from  
each other

Black lines on  
bar graphs  
are United  
States data





# **Cancer in Dallas County**

# New Cancers in Dallas County

All cancer types, average counts and rates, 2017-2021

Each year, there are about

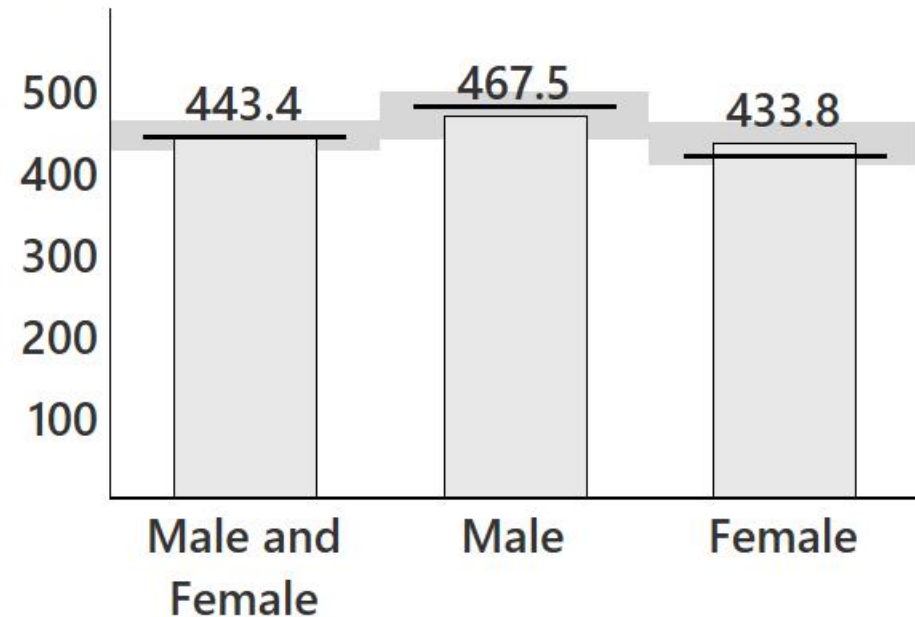
**421**

new cancers diagnosed in  
Dallas County

Cancer incidence rates in Dallas County  
are **not different from the U.S.  
average**

Ranks #92 of 99 counties

Cancer incidence rates are typically  
higher in men than women



Age-Adjusted rate per 100,000 (2017-2021)

# Cancer deaths in Dallas County

All cancer types, average counts and rates, 2018-2022

Each year, there are about

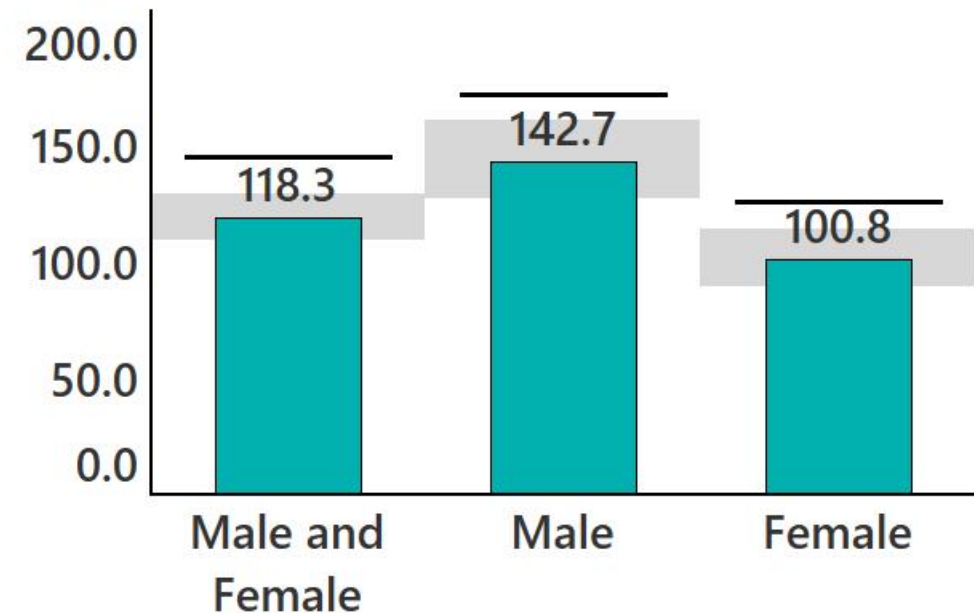
**115**

cancer deaths in Dallas County

Cancer mortality rates in Dallas County  
are **lower than the U.S. average**

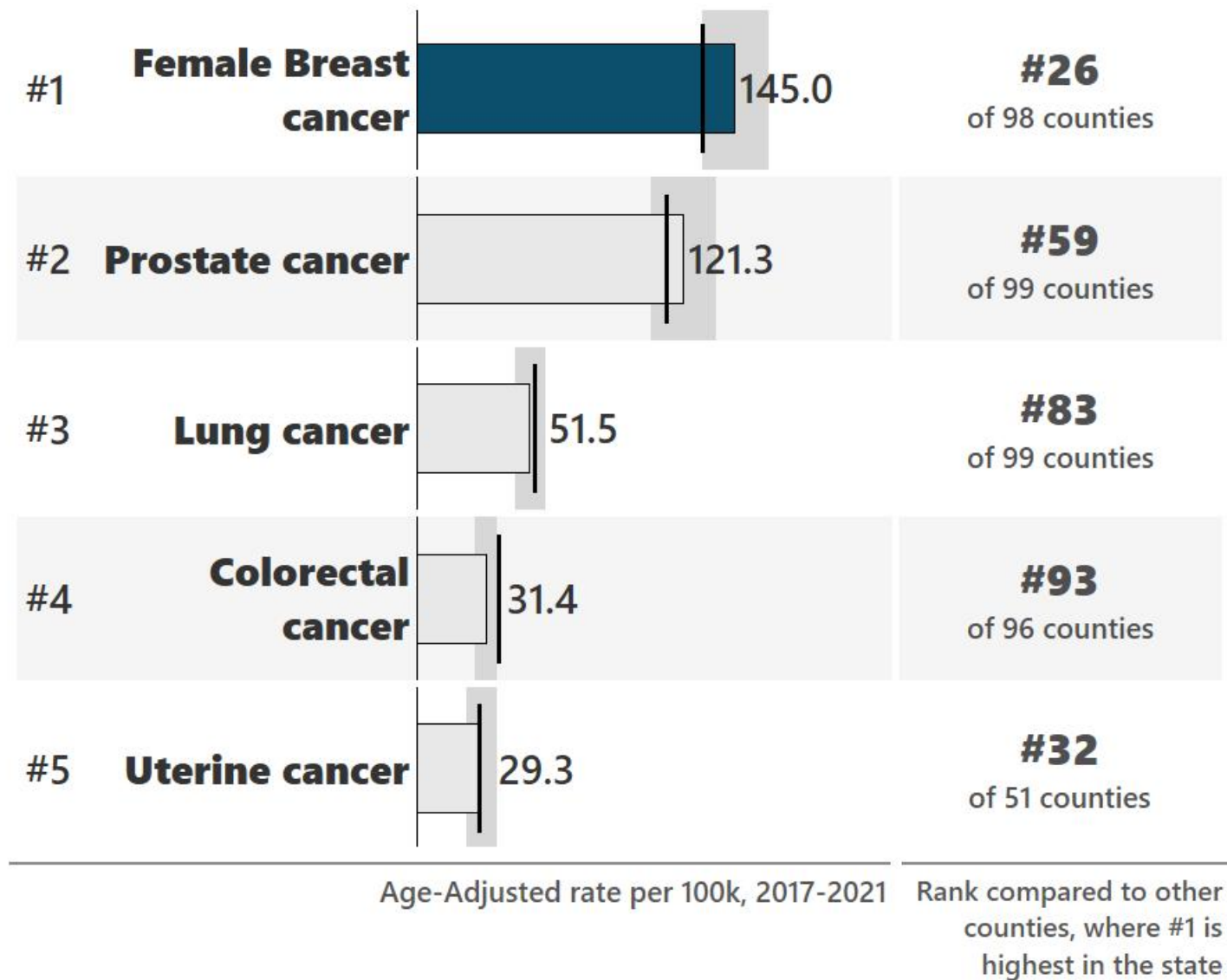
Ranks #95 of 99 counties

Cancer mortality rates are typically  
higher in men than women



Age-Adjusted rate per 100,000 (2018-2022)

# Top cancers in Dallas County



# #1 | Female Breast cancer

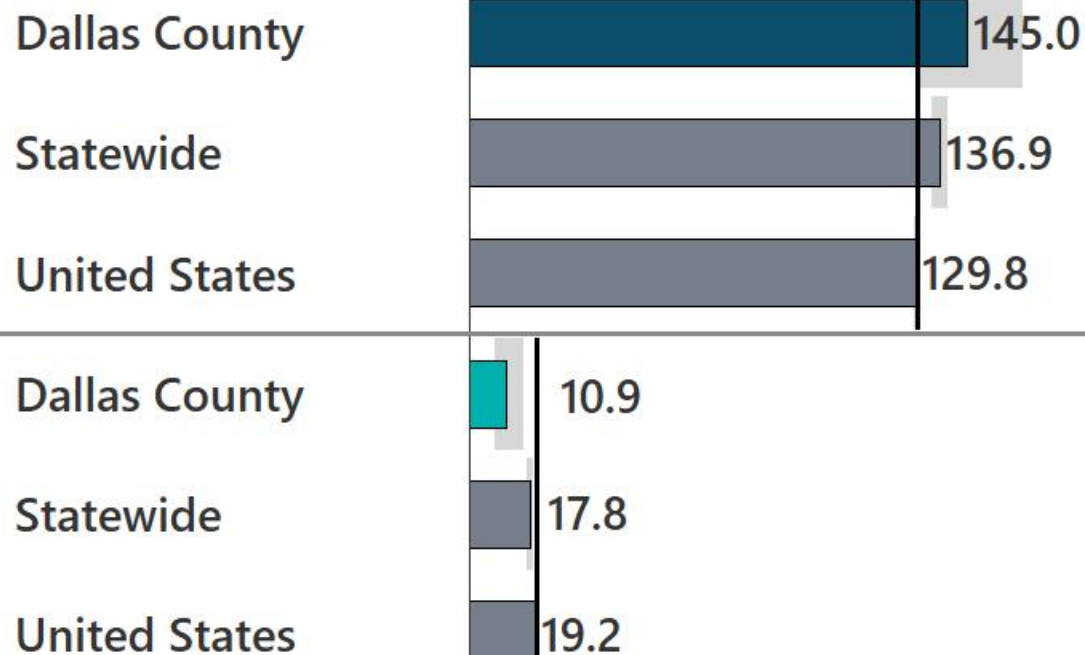
Each year in Dallas County,  
there are about...

**72**

New Cases per year

**6**

Deaths per year



Age-Adjusted Rate per 100,000  
Incidence (2017-2021); Mortality (2018-2022)

#1

#2

#3

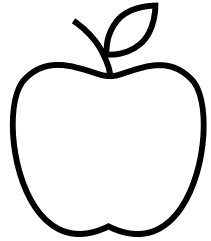
#4

#5

# What can you do to prevent breast cancer?

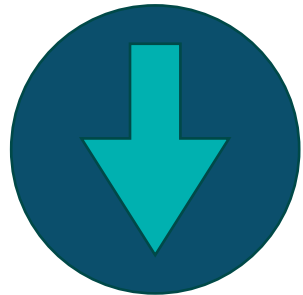


Physical  
Activity



Healthy  
Foods

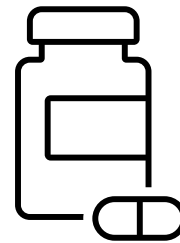
**+ Get  
Screened!**



Alcohol



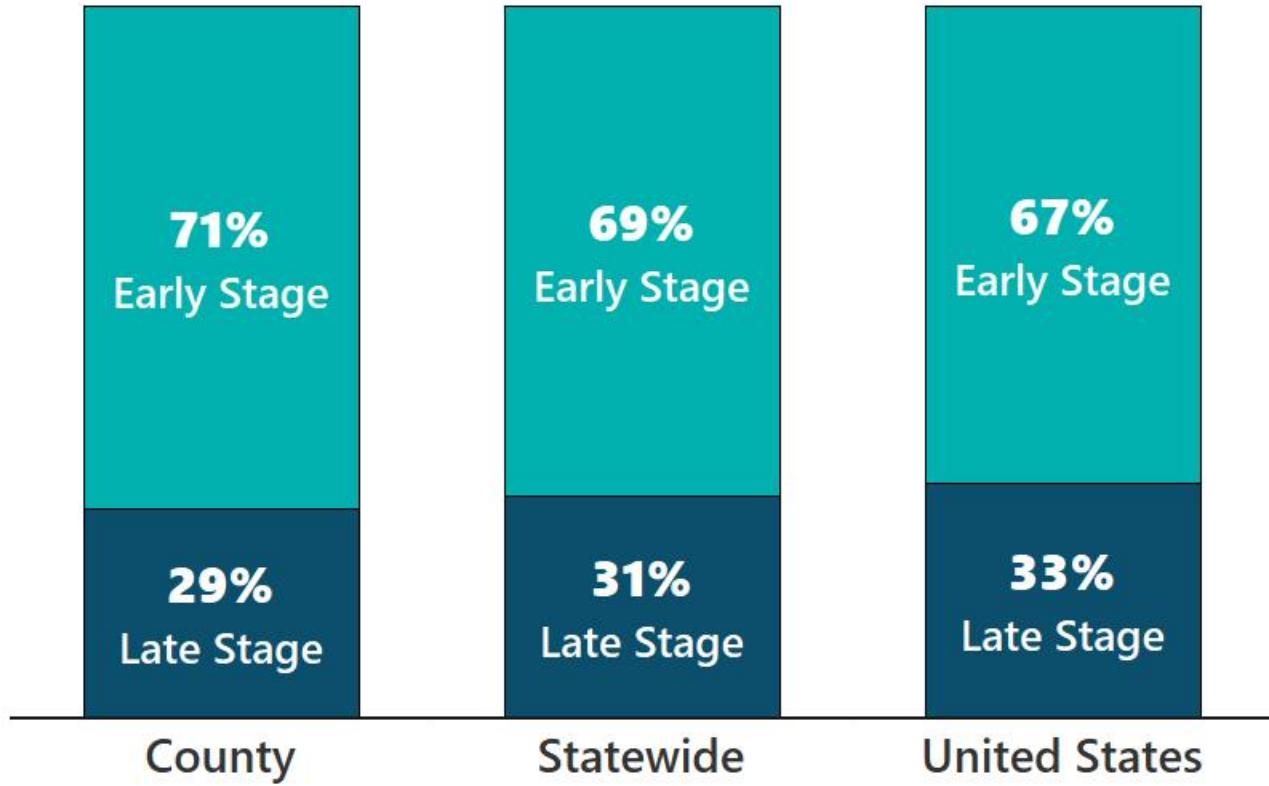
Excess Body  
Weight



Taking  
Hormones

# #1 | Female Breast cancer Stage at Diagnosis

Early stage = Easier to treat, Higher survival rates



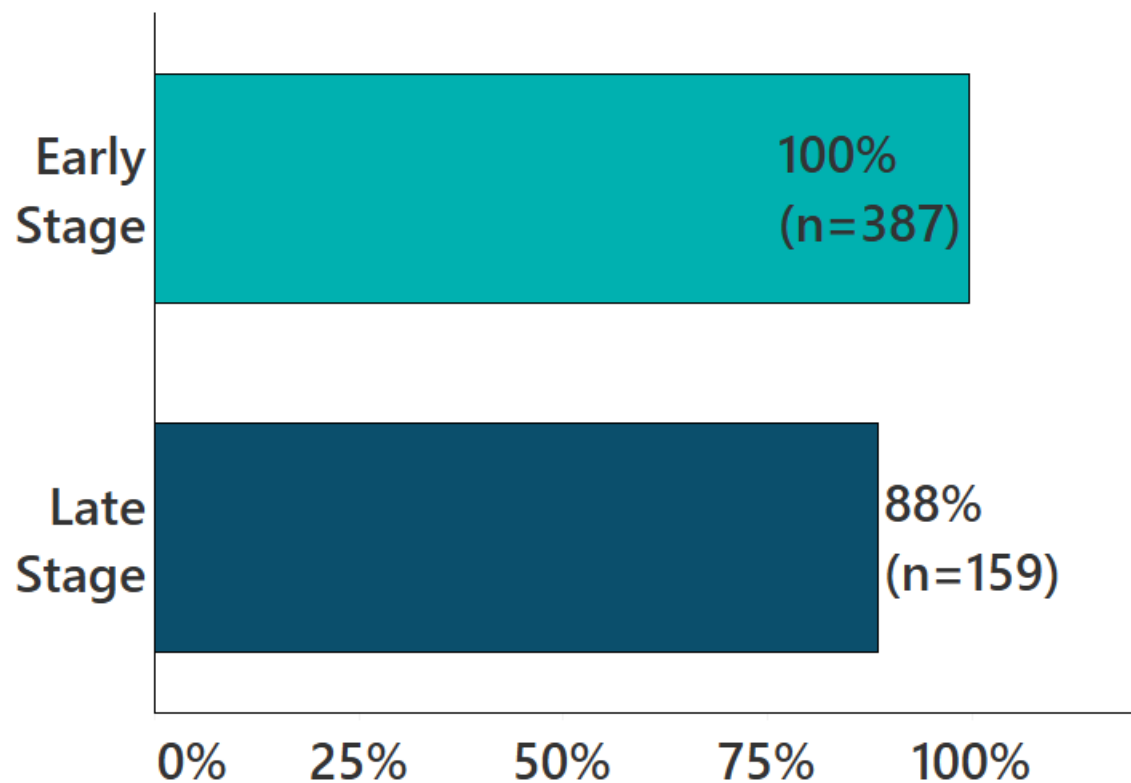
**29%**  
Diagnosed at a Late Stage

- #1
- #2
- #3
- #4
- #5



# #1 | Female Breast cancer | 5-Year Survival

5-Year Relative Survival Rates, by Stage



**Finding cancer early leads to higher survival rates**

#1

#2

#3

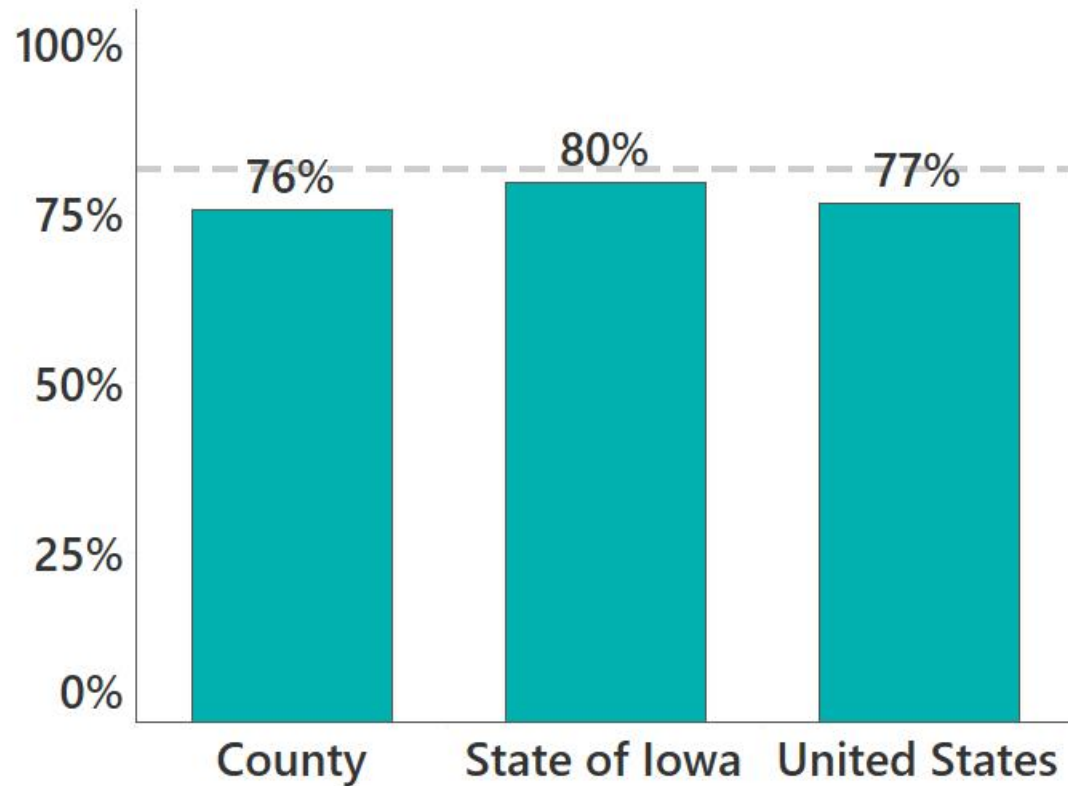
#4

#5

Data from 2011-2020

# Breast Cancer Screening

Women age 50+ who are up to date with their breast cancer screening



## Screening Guidelines

People with breasts ages 40-74 should screen with a mammogram every 2 years

Talk to your doctor if you have a family history of breast cancer

*Data from 2022 BRFSS  
Goal: 81.4% by 2027*

# The Care for Yourself – Breast and Cervical Cancer Program (CFY-BCC)

We provide free breast and cervical cancer screenings across Iowa.

- ▶ CFY-BCC is also called the Iowa Breast and Cervical Cancer Early Detection Program.
- ▶ CFY-BCC serves Iowans between 21 and 64 years of age.
- ▶ Are at or earn less than 250% of the Federal Poverty Level.
- ▶ Call (866) 339-7909 to speak to a confidential coordinator immediately.
- ▶ CFY-BCC coordinators are available to help you Monday-Friday, 8:00 a.m. to 4:00 p.m.

<https://hhs.iowa.gov/public-health/cancer/cfy>



# #2 | Prostate cancer

Each year in Dallas County, there are about...

**55**

New Cases per year

**<6**

Deaths per year

Dallas County

121.3

Statewide

125.9

United States

113.2

Dallas County

14.0

Statewide

19.8

United States

18.8

#1

#2

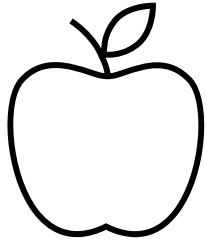
#3

#4

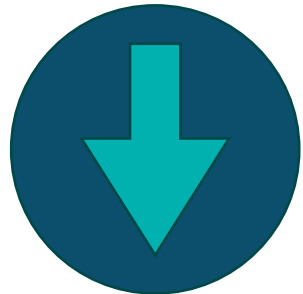
#5

Age-Adjusted Rate per 100,000  
Incidence (2017-2021); Mortality (2018-2022)

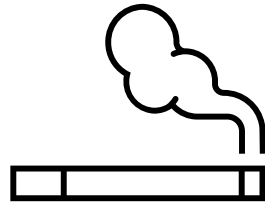
# What can you do to prevent prostate cancer?



Healthy  
Foods



Alcohol



Smoking

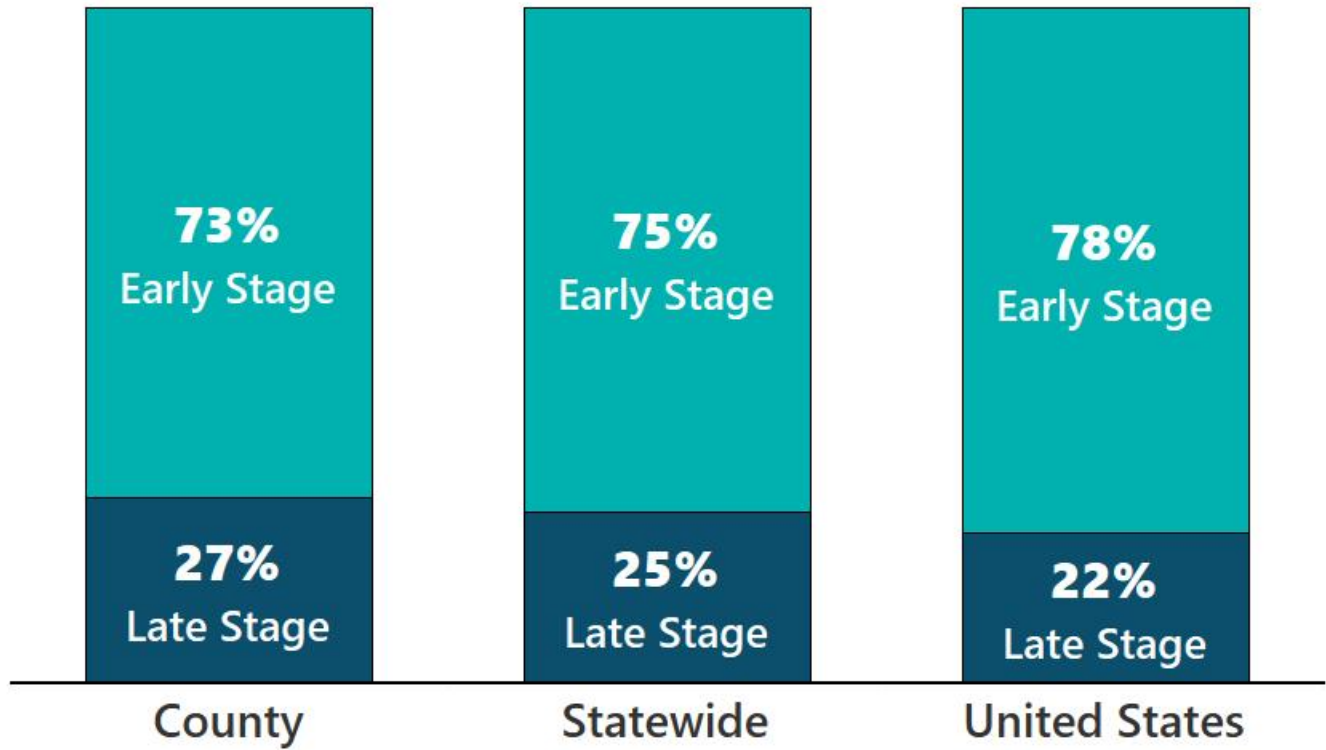


Chemical  
Exposures

**+ Get  
Screened!**

# #2 | Prostate cancer | Stage at Diagnosis

Early stage = Easier to treat, Higher survival rates

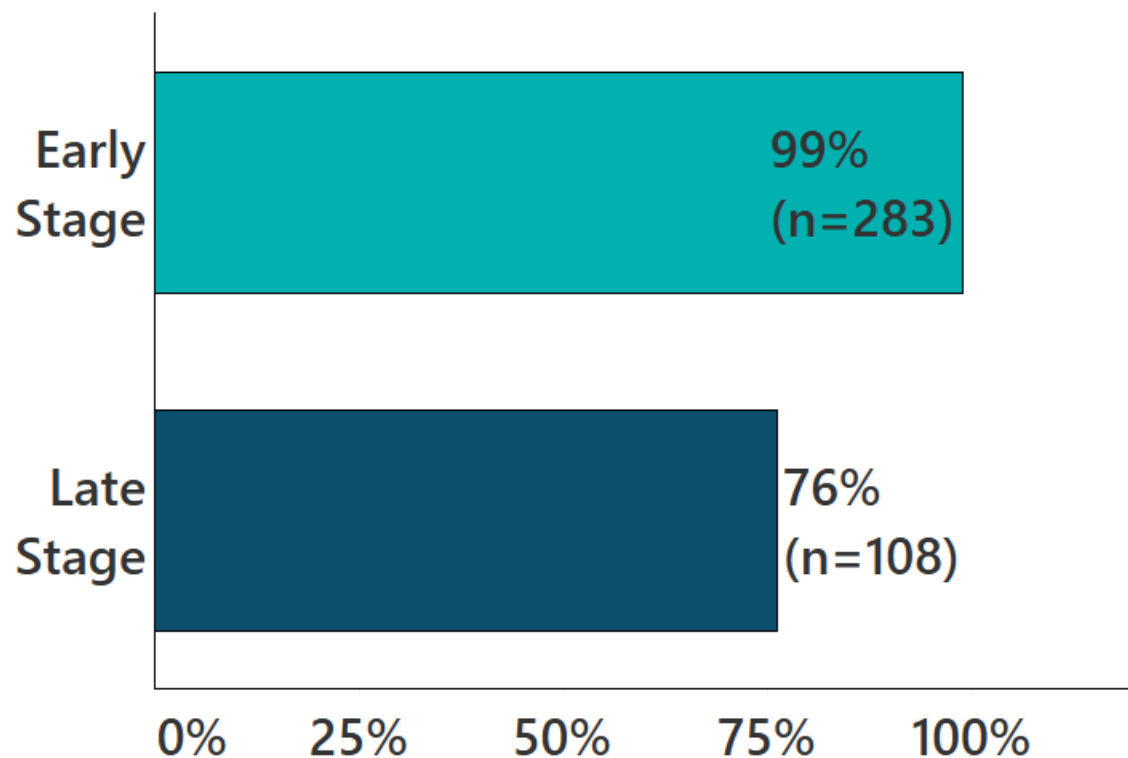


**27%**  
Diagnosed at a Late Stage

- #1
- #2**
- #3
- #4
- #5

# #2 | Prostate cancer | 5-Year Survival

5-Year Relative Survival Rates, by Stage



**Finding cancer early leads to higher survival rates**

#1

#2

#3

#4

#5

# Prostate Cancer Screening

---

## Screening Guidelines

Screening test: Prostate-specific antigen (PSA) blood test

If you have a prostate and are 55-69 years old, discuss with your doctor if a PSA test is right for you

(U.S. Preventative Services Task Force)



# #3 | Lung cancer

Each year in Dallas County, there are about...

**47**

New Cases per year

**25**

Deaths per year

Dallas County

51.5

Statewide

60.8

United States

53.1

Dallas County

25.9

Statewide

34.9

United States

32.3

#1

#2

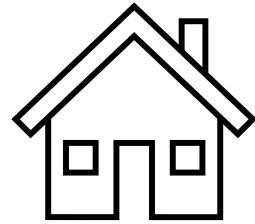
#3

#4

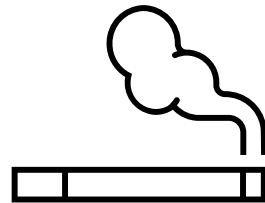
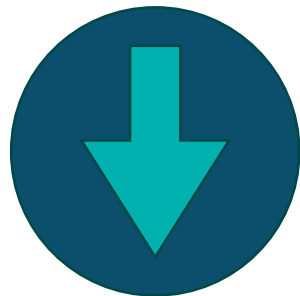
#5

Age-Adjusted Rate per 100,000  
Incidence (2017-2021); Mortality (2018-2022)

# What can you do to prevent lung cancer?



Test your home  
for Radon



Smoking

**+ Get  
Screened!**

# What is Radon?

---

- Radon is an invisible, tasteless, odorless, radioactive gas
- It is naturally produced by radium and uranium in the soil
- Radon becomes harmful when it becomes trapped and concentrated in the air
  - For example, when it leaks into a basement through a crack in the foundation or a space around a pipe

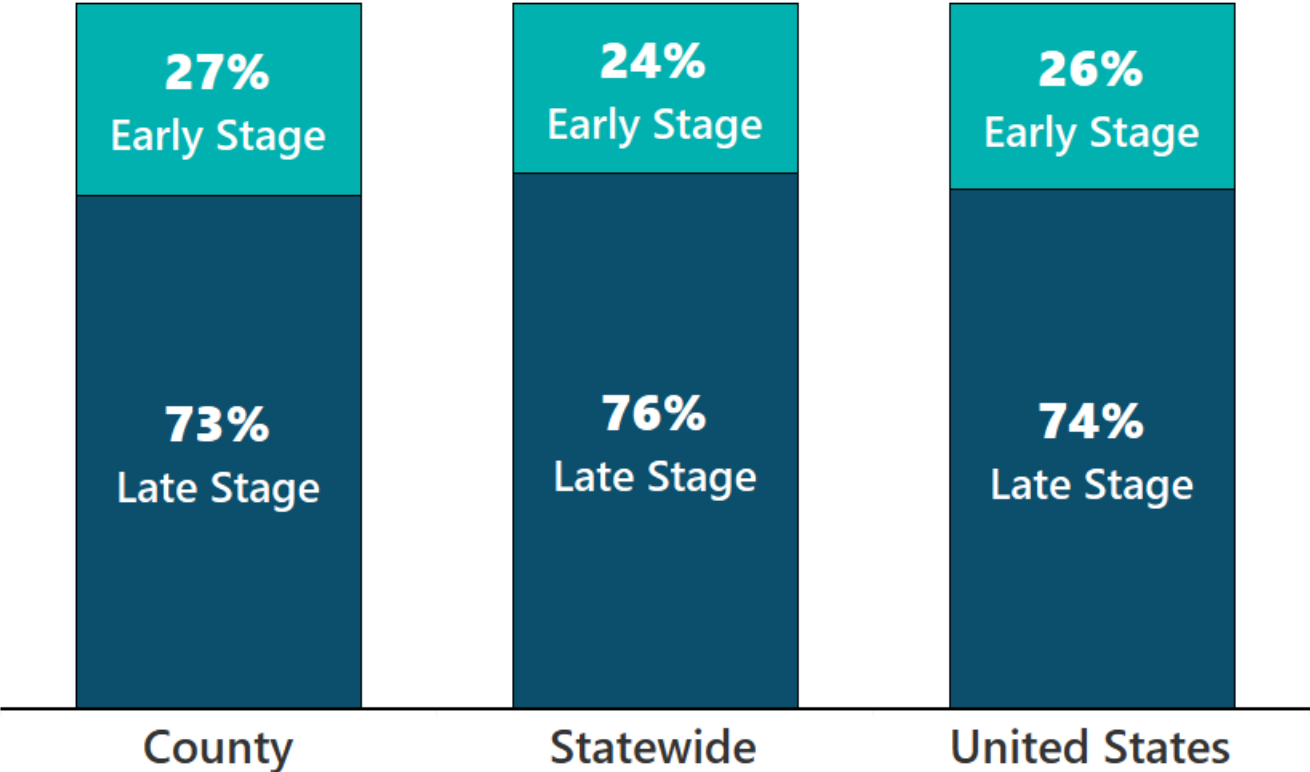
**Learn more about Radon testing and mitigation:**

Iowa Health & Human Services  
[hhs.iowa.gov/radiological-health/radon](https://hhs.iowa.gov/radiological-health/radon)

Iowa Cancer Consortium  
[canceriowa.org/radon/](https://canceriowa.org/radon/)

# #3 | Lung cancer | Stage at Diagnosis

Early stage = Easier to treat, Higher survival rates

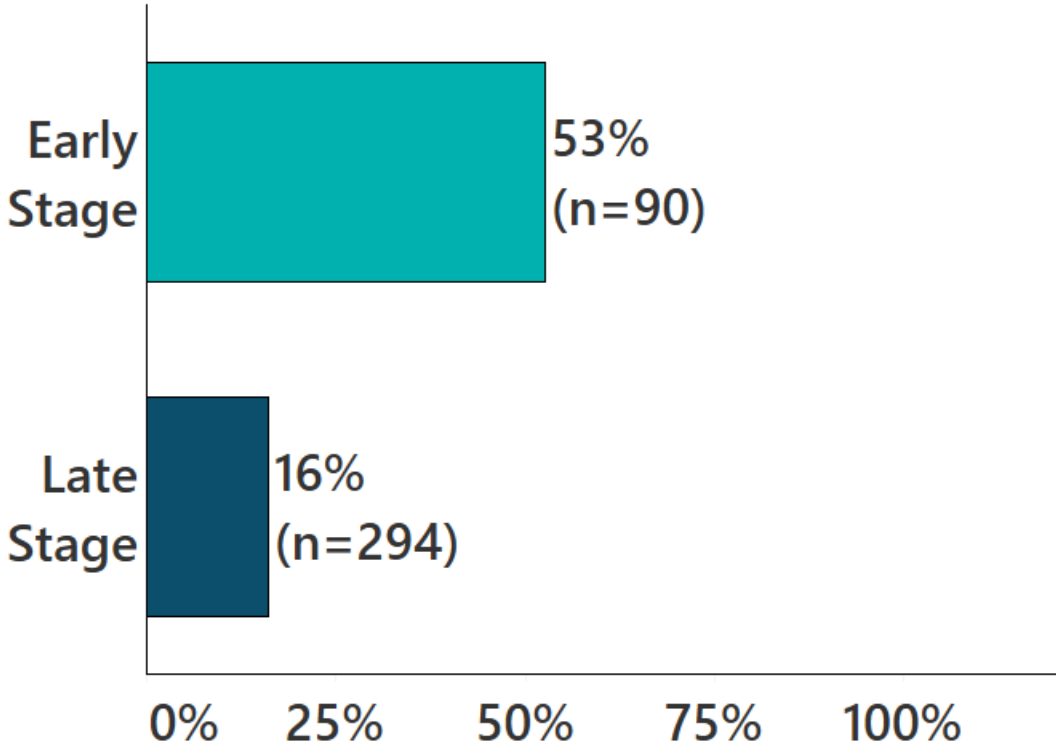


**73%**  
Diagnosed at a Late Stage

- #1
- #2
- #3
- #4
- #5

# #3 | Lung cancer | 5-Year Survival

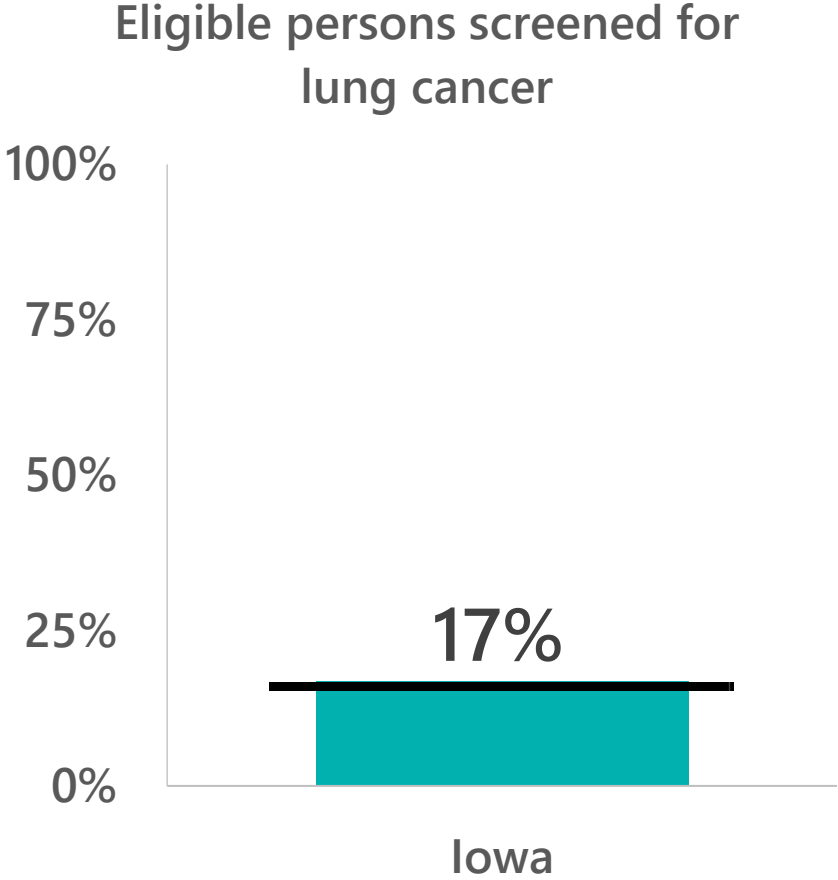
5-Year Relative Survival Rates, by Stage



**Finding cancer early leads to higher survival rates**

- #1
- #2
- #3
- #4
- #5

# Lung Cancer Screening



## Screening Guidelines

Lung cancer screening is a low-dose CT scan

If you have smoked in the last 15 years and are between the ages 50-80 years talk to your doctor about being screened for lung cancer

(U.S. Preventative Services Task Force)

# #4 | Colorectal cancer

Each year in Dallas County,  
there are about...

**29**

New Cases per year

**10**

Deaths per year

Dallas County

31.4

Statewide

39.9

United States

36.4

Dallas County

10.1

Statewide

13.5

United States

12.8

#1

#2

#3

#4

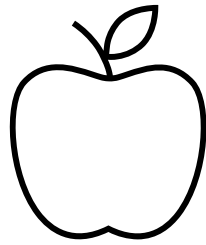
#5

Age-Adjusted Rate per 100,000  
Incidence (2017-2021); Mortality (2018-2022)

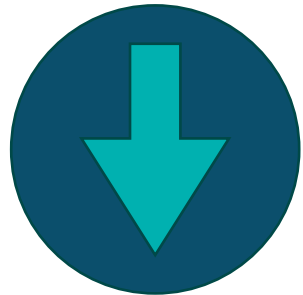
# What can you do to prevent colorectal cancer?



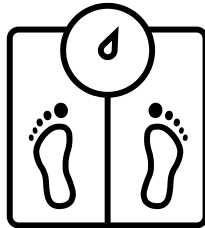
Physical  
Activity



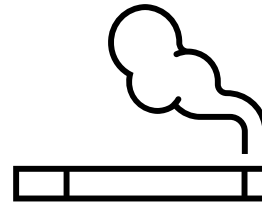
Healthy  
Foods



Alcohol



Excess Body  
Weight



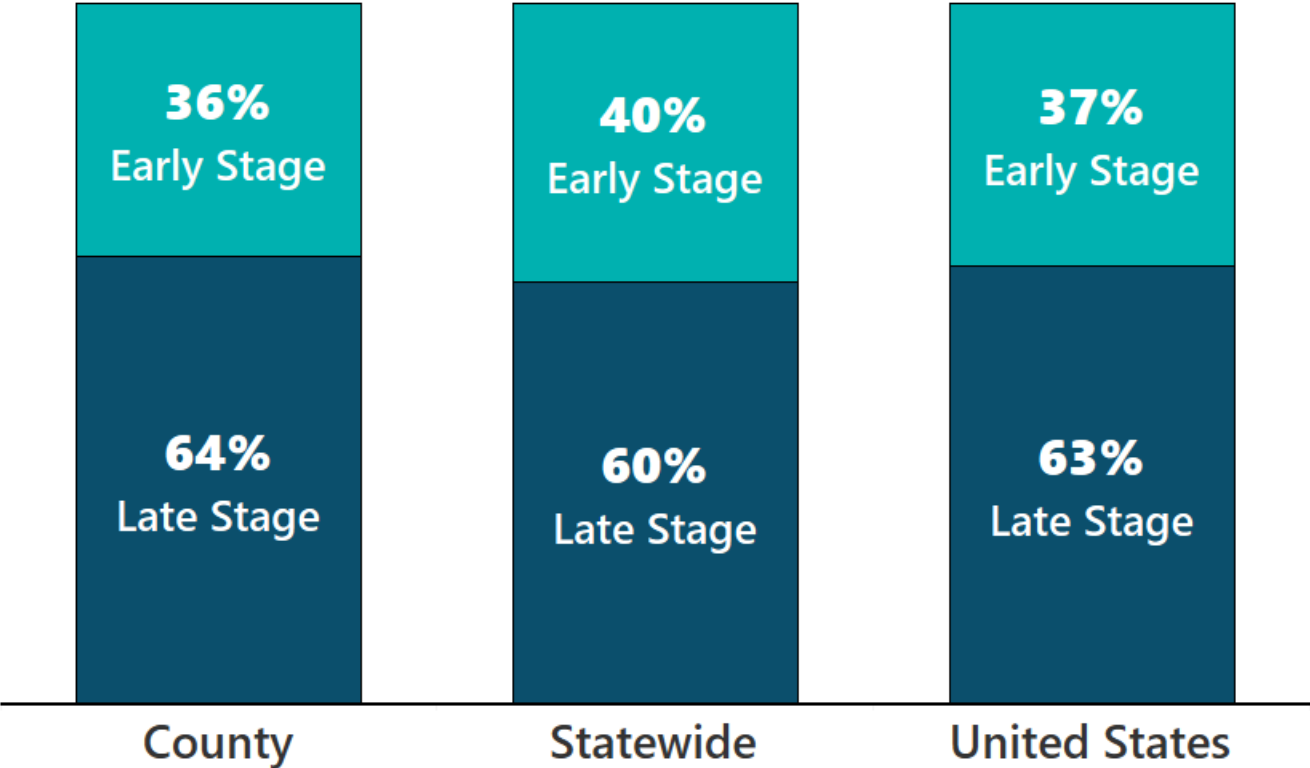
Smoking/  
Tobacco

**+ Get  
Screened!**



# #4 | Colorectal cancer | Stage at Diagnosis

Early stage = Easier to treat, Higher survival rates

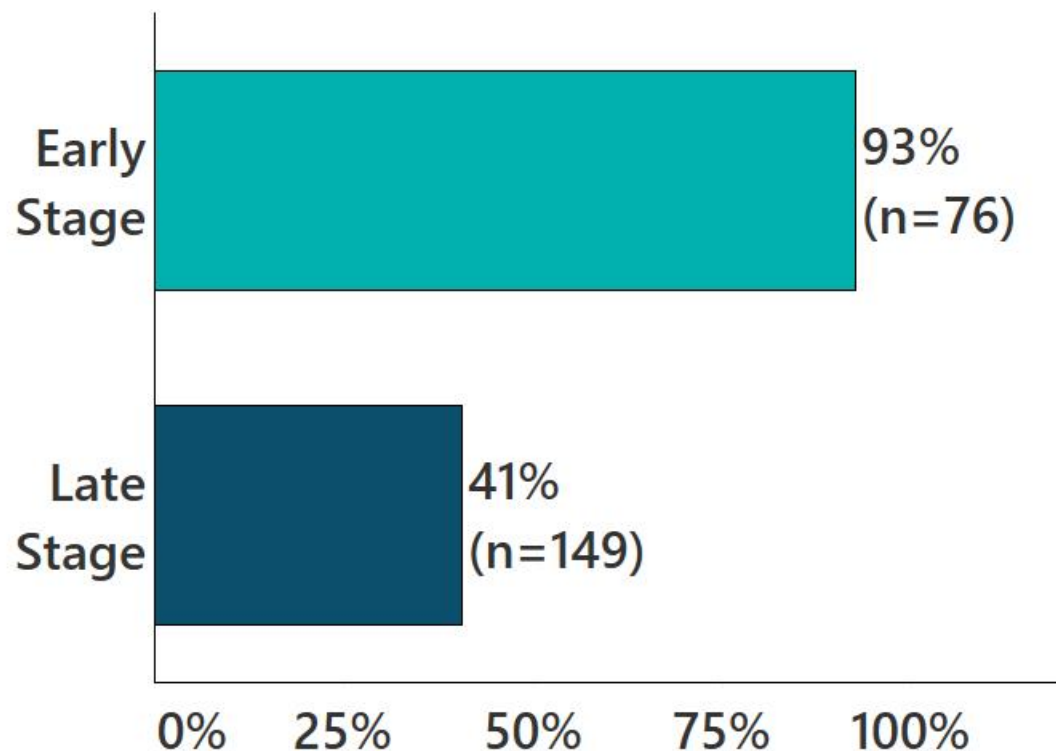


**64%**  
Diagnosed at a Late Stage

- #1
- #2
- #3
- #4**
- #5

# #4 | Colorectal cancer | 5-Year Survival

5-Year Relative Survival Rates, by Stage



**Finding cancer early leads to higher survival rates**

#1

#2

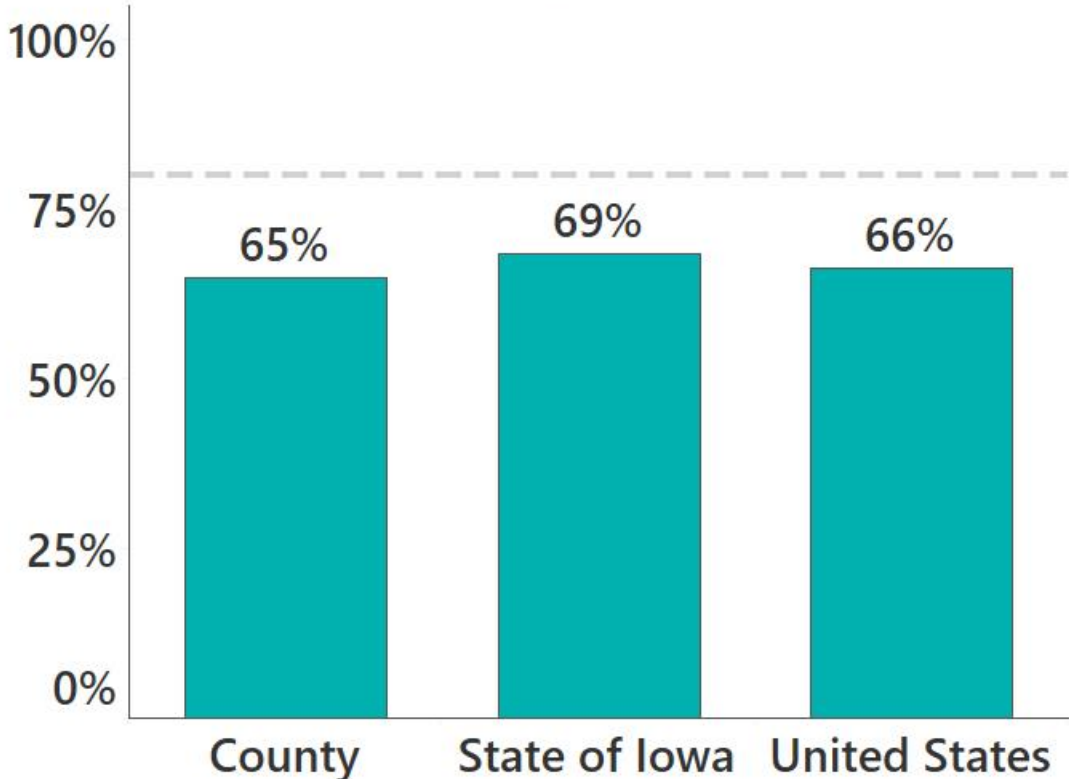
#3

#4

#5

# Colorectal Cancer Screening

Adults ages 45-75 who are up to date with their colorectal cancer screening



## Screening Guidelines

Adults ages 45-75 can screen with either (1) an at-home, stool-based test, or (2) a colonoscopy.

Talk to your doctor about which is best for you.

*Data from 2022 BRFSS  
Goal: 80% by 2027*



# Iowa Get Screened (IGS): Colorectal Cancer Program

We partner with Iowa's Federally Qualified Health Centers (FQHCs) and local public health agencies to increase colorectal cancer screening.

Through a collaboration with the Iowa Primary Care Association (Iowa PCA) and FQHCs, the program serves low-income Iowans, ages 45-75, to:

- ▶ Increase the number of cancers prevented
- ▶ Increase the diagnosis of early-stage colorectal cancer
- ▶ Reduce colorectal cancer incidence and mortality in the state



<https://hhs.iowa.gov/public-health/cancer/colorectal-cancer-screening-program>

# #5 | Uterine cancer / Endometrial Cancer

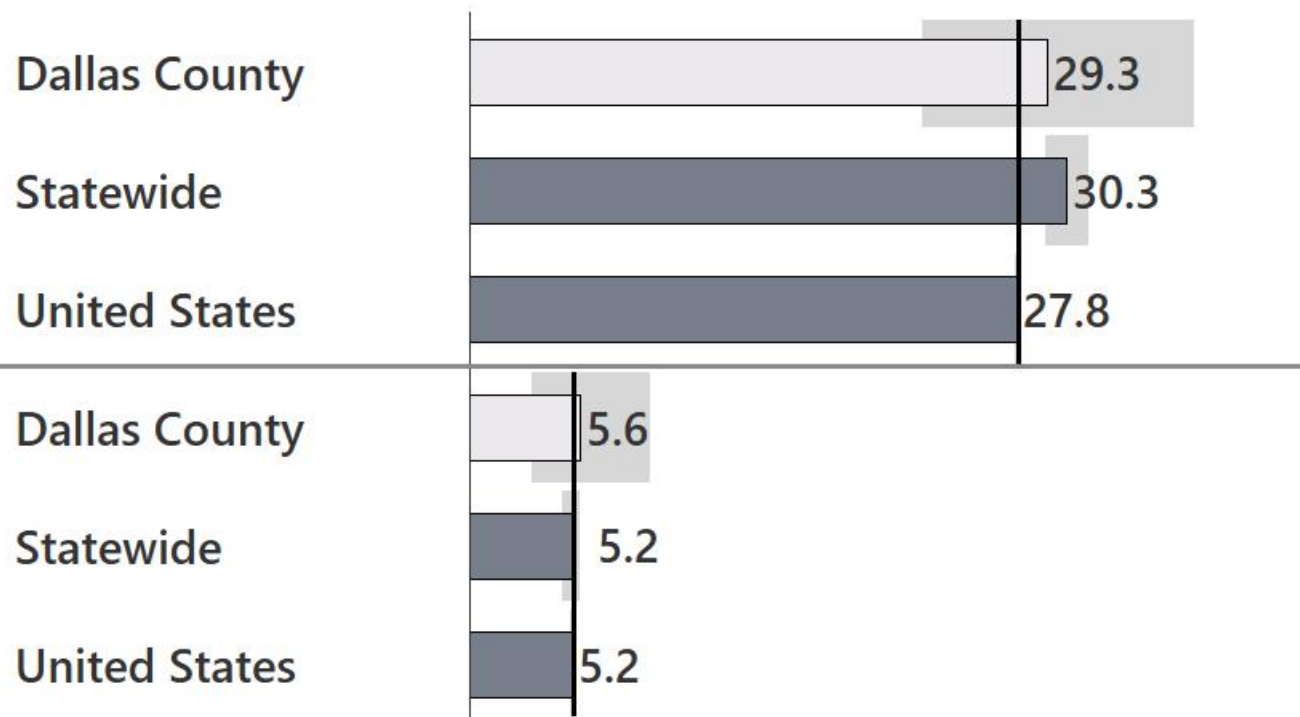
Each year in Dallas County, there are about...

**15**

New Cases per year

**<6**

Deaths per year



Age-Adjusted Rate per 100,000  
Incidence (2017-2021); Mortality (2018-2022)

#1

#2

#3

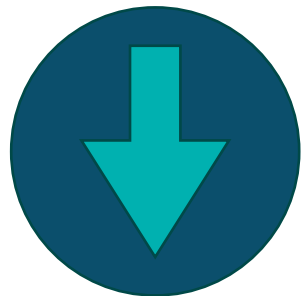
#4

#5

# What can you do to prevent uterine cancer?



Physical  
Activity



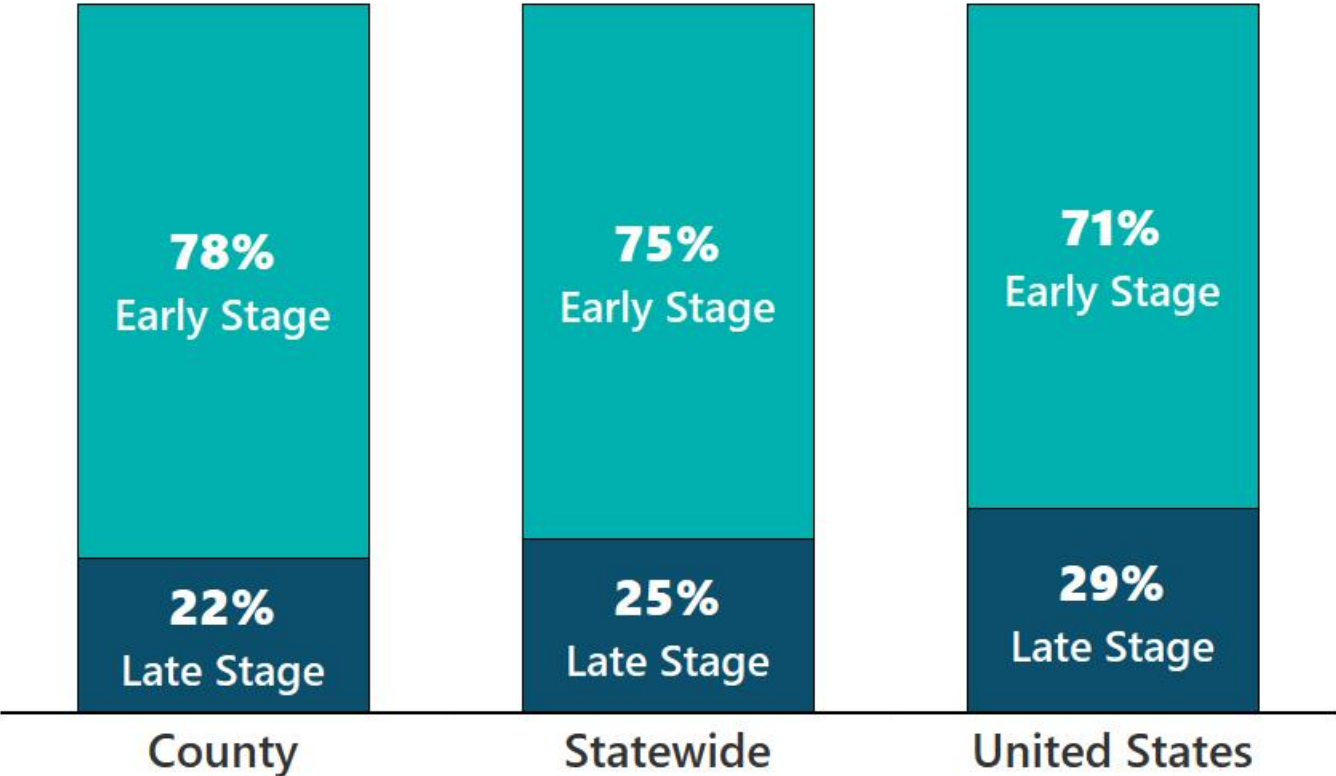
Excess Body  
Weight

## Other Risk Factors

- Taking estrogen-only hormone replacement therapy (HRT) after menopause
- Type 2 diabetes
- Polycystic ovary syndrome (PCOS)
- Family history of endometrial cancer
- Genetic conditions, such as Lynch syndrome and BRCA

# #5 | Uterine cancer | Stage at Diagnosis

Early stage = Easier to treat, Higher survival rates

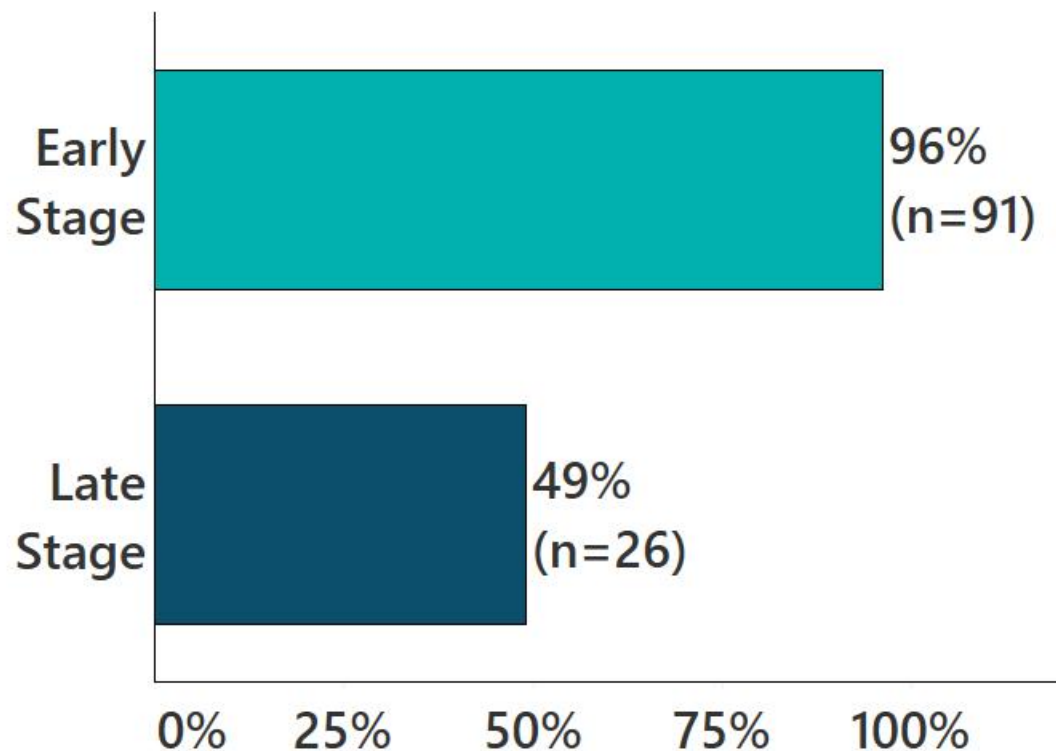


**22%**  
Diagnosed at a Late Stage

- #1
- #2
- #3
- #4
- #5

# #5 | Uterine cancer | 5-Year Survival

5-Year Relative Survival Rates, by Stage



**Finding cancer early leads to higher survival rates**

#1

#2

#3

#4

#5



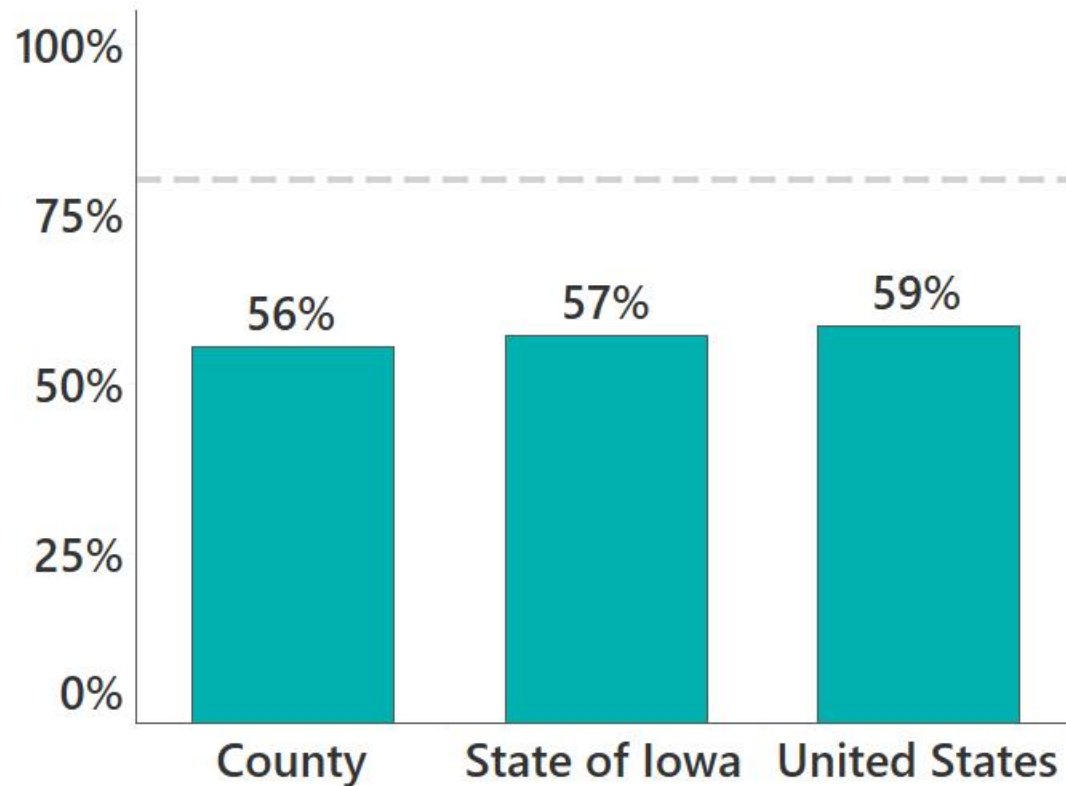
# **Talk to your doctor if you experience...**

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- Vaginal bleeding or discharge not related to menstruation (periods)
- Vaginal bleeding after menopause
- Difficult or painful urination
- Pain during sexual intercourse
- Pain in the pelvic area

# A vaccine that prevents cancer: HPV

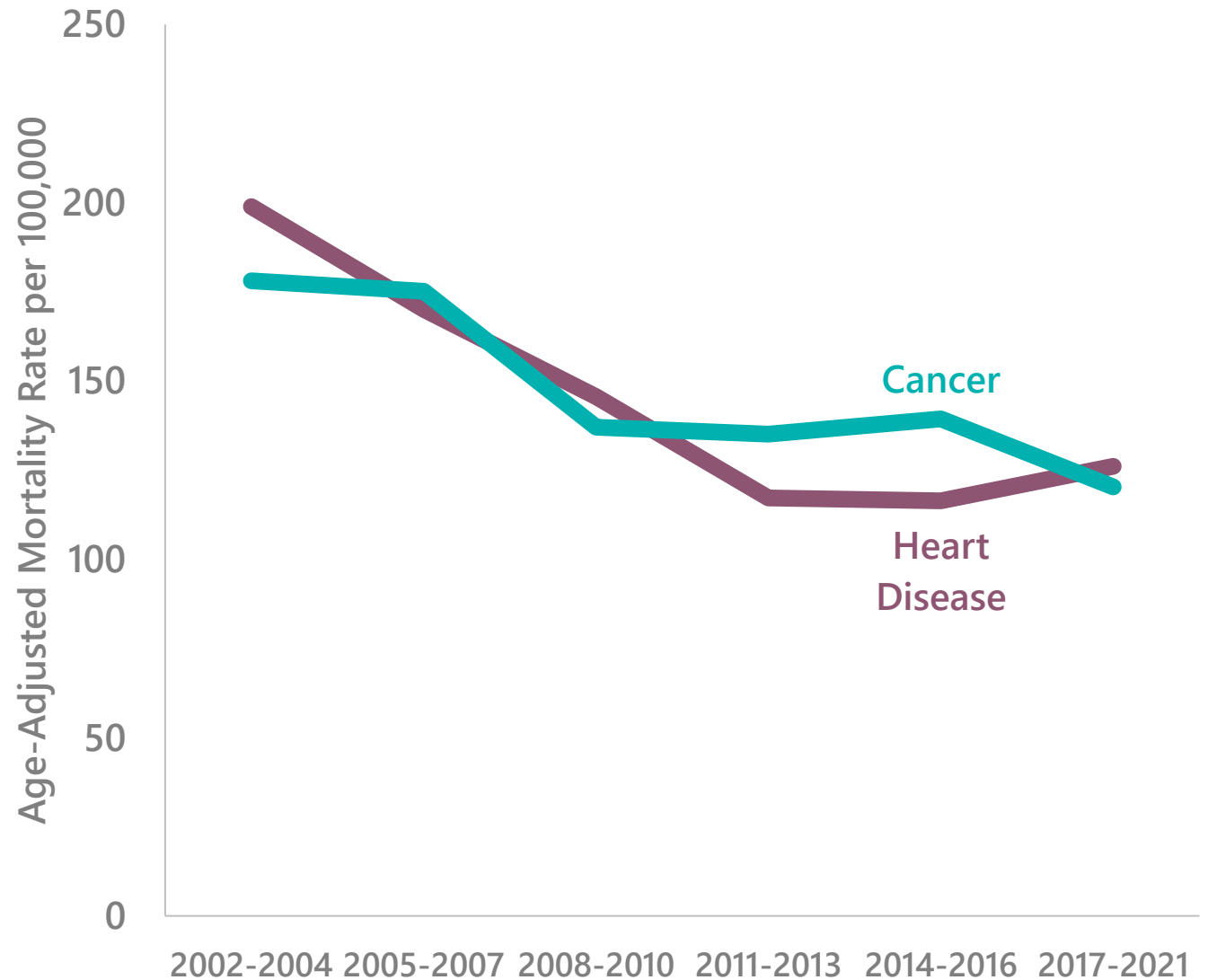
Adolescents ages 13-15 who have completed their HPV vaccine series (2022)



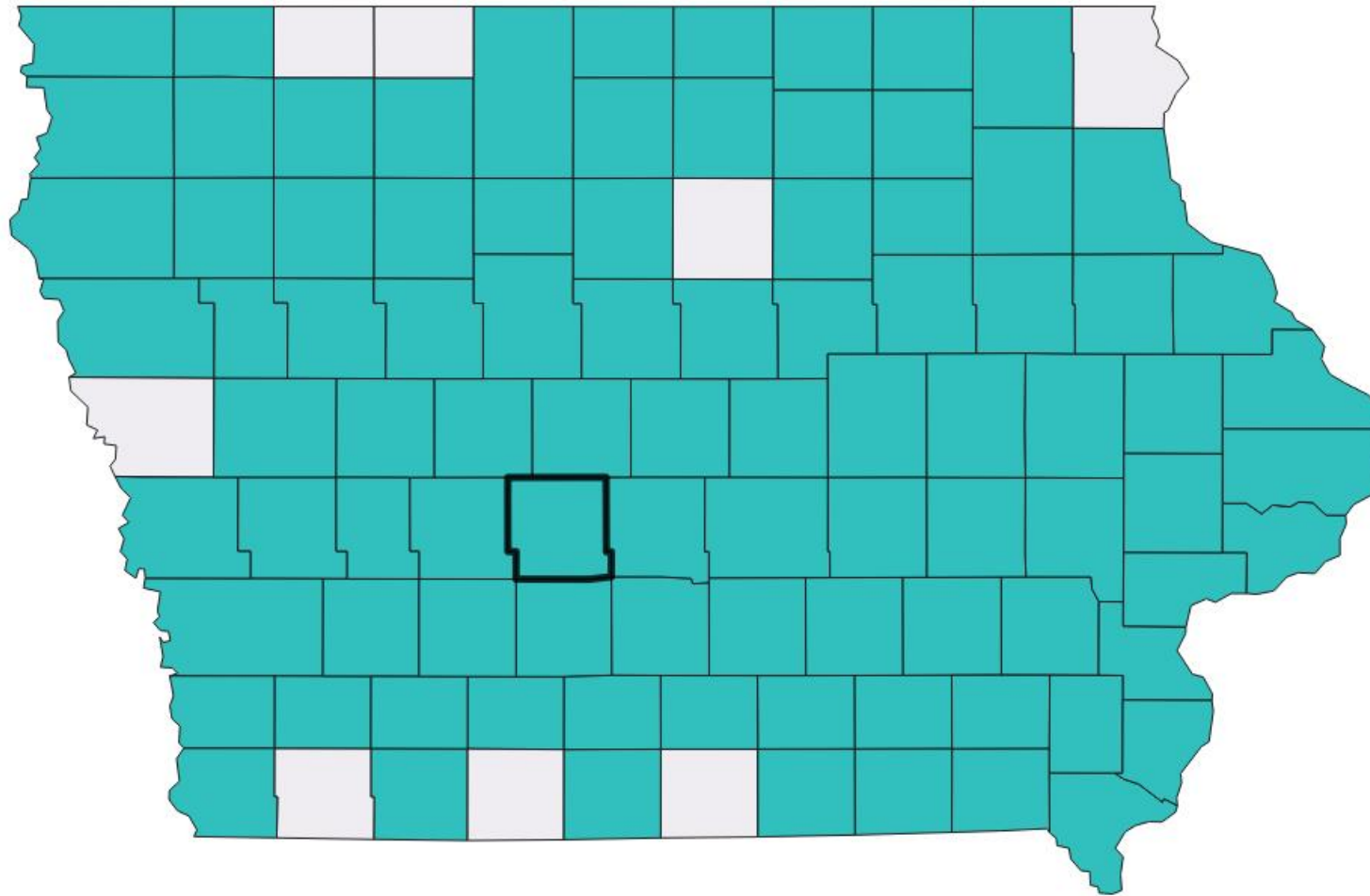
- HPV infection can cause cancers of the cervix, mouth and throat, anus, rectum, penis, vulva, and vagina.
- Iowa has the highest rate of oropharyngeal cancer in the U.S.
- Vaccine provides safe, effective, and lasting protection against HPV, thus reducing cancer risk
- Recommended at age 11 or 12 years, when immune response is best & before HPV exposure

*Data from 2022 IHHS & NIS-Teen  
Goal: 80% by 2027*

# Cancer is the **second** leading cause of death in Dallas County

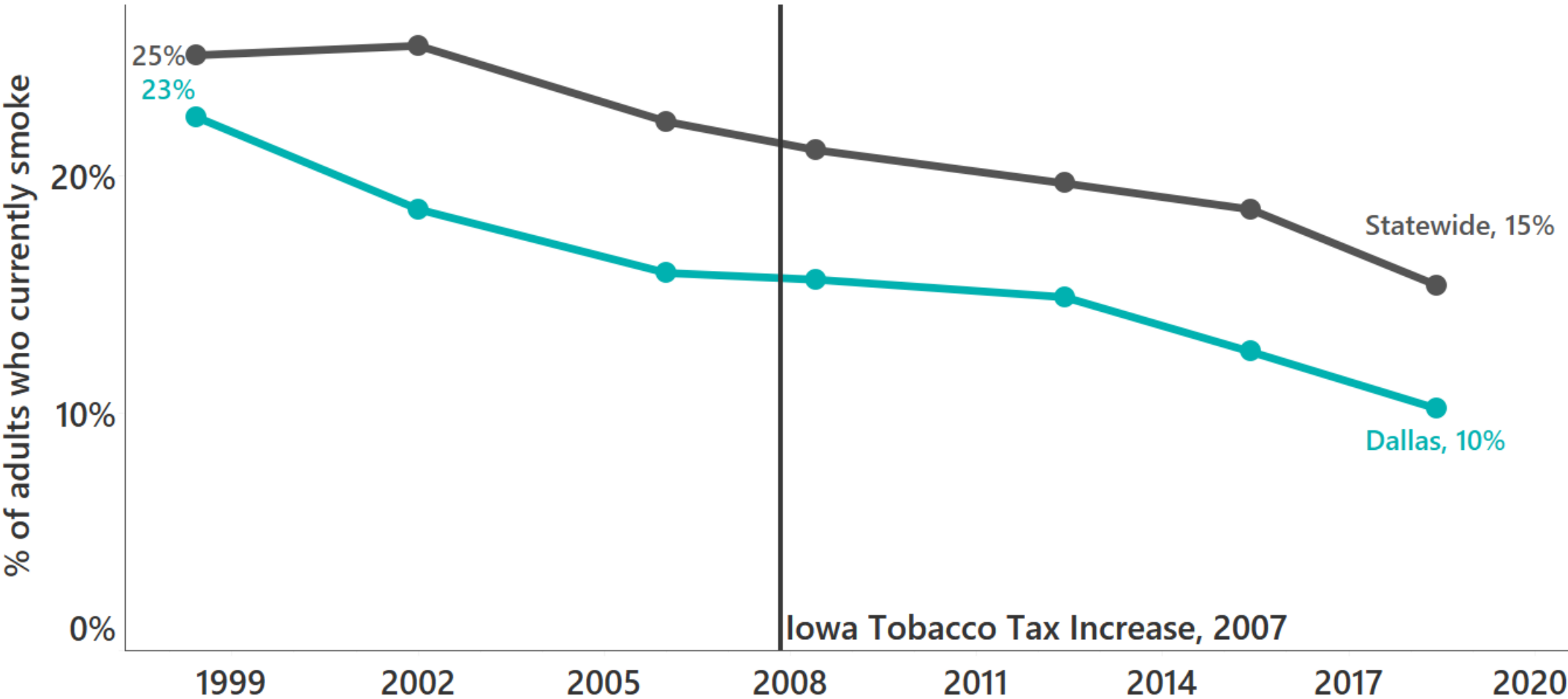


After the last tobacco tax was passed in 2007, smoking rates **decreased** in **92%** of Iowa counties



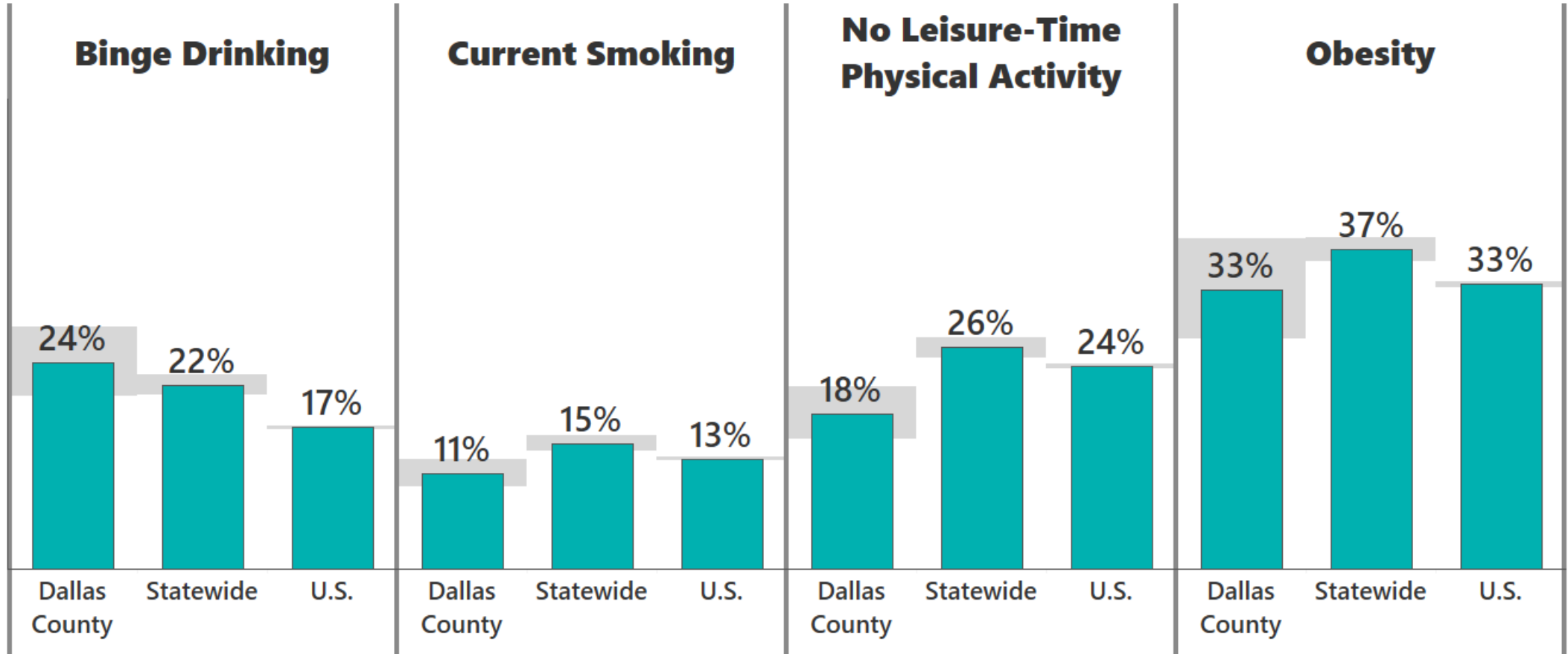
# After the last increase to the tobacco tax was passed in 2007, smoking rates **decreased\*** in Dallas County

*\*Determined by comparing data from 2004-2007 combined to 2011-2013 combined*



# Other Cancer Risk Factors

**Lower  
is  
better**



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**Resources** to help understand  
and address cancer in Iowa  
communities

# Iowa Comprehensive Cancer Control Program (CCCP)

We work with partners to prevent cancer whenever possible and support cancer survivors across Iowa.

- ▶ The CCCP partners with many organizations, including the Iowa Cancer Consortium, Iowa's cancer coalition.
- ▶ CCCP is involved in the revision and implementation of the Iowa Cancer Plan.
- ▶ Currently CCCP is focused on increasing HPV vaccination, increasing lung cancer screening, and supporting cancer survivors.

<https://hhs.iowa.gov/public-health/cancer>  
<https://canceriowa.org/iowa-cancer-plan/>



Photo from the Iowa Cancer Consortium, taken at the Iowa Cancer Summit



# Iowa Cancer Consortium



A non-profit cancer coalition that provides

- Connections and partnership
- Latest news and cancer updates via email
- Training and educational opportunities
- Grant opportunities and technical assistance
- Free cancer educational materials for distribution
- Blueprint for cancer control, the Iowa Cancer Plan

Virtually-hosted workgroups include:

- *Cancer Screening & Early Detection*
- *Health Equity*
- *HPV (w/ Iowa Immunizes coalition)*
- *Policy*
- *Radon*
- *Research & Clinical Trials*
- *Rural Cancer*
- *Quality of Life*
- *Cancer & the Environment Task Force*



# Blueprint for cancer control, the *Iowa Cancer Plan*

Chapters with sections that include priorities, strategies, and specific action steps which may be tailored to many settings to guide cancer control activities.

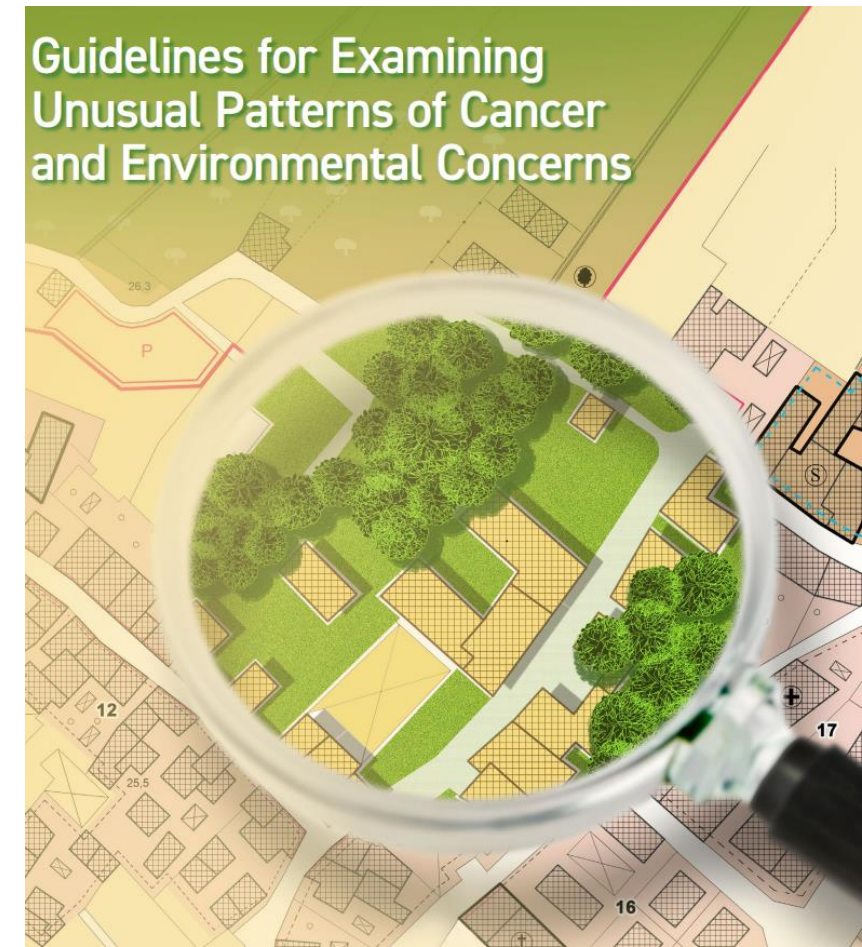
- 1. Health Equity:** identify and eliminate cancer health disparities.
- 2. Prevention and Risk Reduction:** whenever possible, prevent cancer from occurring.
- 3. Early Detection and Screening:** promote the benefits of screening tests to ensure early diagnosis.
- 4. Diagnosis and Cancer-Directed Therapy:** reduce barriers to care, promote evidence-based practices, and encourage participation in clinical trials and other forms of research.
- 5. Survivorship and End-of-Life Care:** ensure resources to optimize quality-of-life for cancer survivors and their families.



[https://canceriowa.org/  
iowa-cancer-plan/](https://canceriowa.org/iowa-cancer-plan/)

# What to do if you suspect a cancer cluster in your community

- If you are concerned about cancer excess in your area, please email us at [ICR-CancerConcerns@uiowa.edu](mailto:ICR-CancerConcerns@uiowa.edu)
- We will ask you about:
  - Geographic area of concern
  - Cancer types diagnosed in the area
  - Time frame
  - Exposure(s) of concern
- If possible, ICR will conduct an analysis comparing the expected number of cancers to what's been observed
  - A written report of the results will be sent to you and a meeting to discuss the results will be offered



# Recommended Actions



## Iowa Cancer Plan

Use to identify strategies aligned with community-specific needs

[canceriowa.org/iowa-cancer-plan/](https://canceriowa.org/iowa-cancer-plan/)

## American Cancer Society Cancer Action Network



Engage American Cancer Society Cancer Action Network (ACSCAN) to promote cancer-relevant legislation

[www.fightcancer.org](https://www.fightcancer.org)



## Iowa Cancer Consortium

Connect for state-wide collaboration and potential community-level funding

[www.canceriowa.org](https://www.canceriowa.org)

## Include cancer in needs assessments

Include cancer-relevant strategies in your hospital's community health needs assessments or public health department's needs assessment

[hhs.iowa.gov/lphs/cha-chip](https://hhs.iowa.gov/lphs/cha-chip)



# Main Takeaways

Cancer is an important health issue facing your county

There are proven ways to prevent cancer & find it early  
You can avoid risk factors and get screened

Iowa has a strong Cancer Plan, resources, & organizations to help fight cancer

Policy changes at the local and state levels can have a huge impact!  
Please communicate your concerns & needs with your state representatives and local policymakers

**And let us know how we can help!**

**This is only the  
first step.**

# These slides will be posted

These slides will be posted to the Iowa Cancer Registry website:

<https://shri.public-health.uiowa.edu/cancer-data/cancer-in-iowa-99-counties-project/>



If you have questions, please email us at

[ICR-99countiesproject@uiowa.edu](mailto:ICR-99countiesproject@uiowa.edu)

# Cancer in Iowa: 99 Counties Project Resource Guide

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- Organizations and programs we presented today
- IHHS Programs
  - Tobacco Use Prevention and Control
  - Immunization Program
  - The Hepatitis Program
  - Iowa Private Well Grants Program
  - Radon

- Iowa Rural Health Association
- Agricultural Health Study
- Environmental Exposures and Health Risks Fact Sheets
- Center for Health Effects of Environmental Contamination

And more!





# Environmental Exposures and Health Risks Fact Sheets

These facts sheets include information on

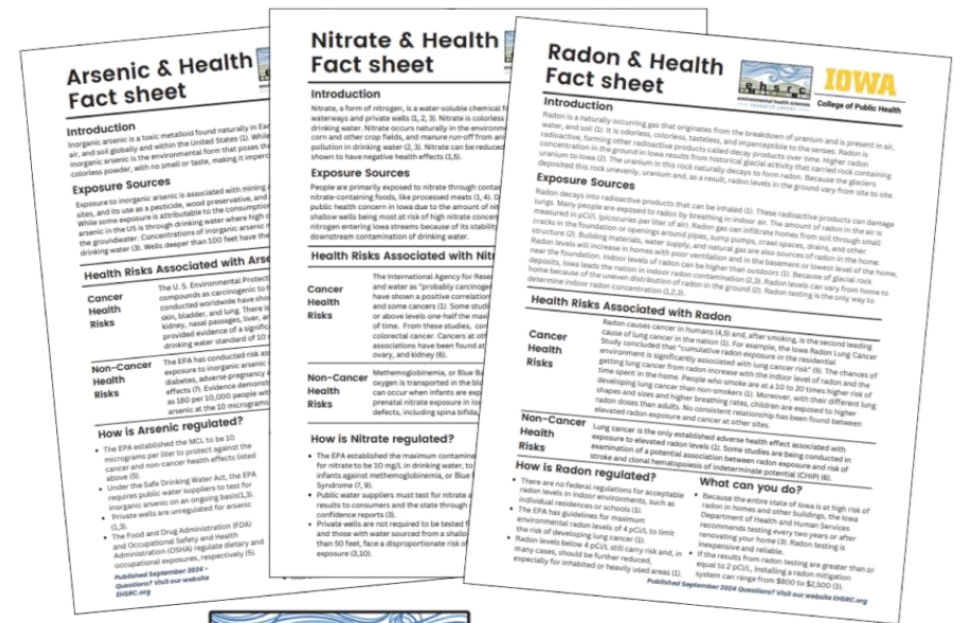
- Cancer and non-cancer health risks for each environmental exposure
- How the exposures are regulated
- What you can do to limit your exposure

Environmental Health Fact Sheets

- [Arsenic](#)
- [Nitrate](#)
- [Radon](#)



## NEW Environmental Exposures & Health Risks Fact Sheets

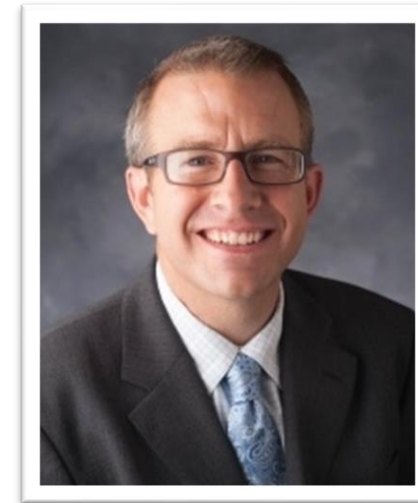


# Center for Health Effects of Environmental Contamination (CHEEC)

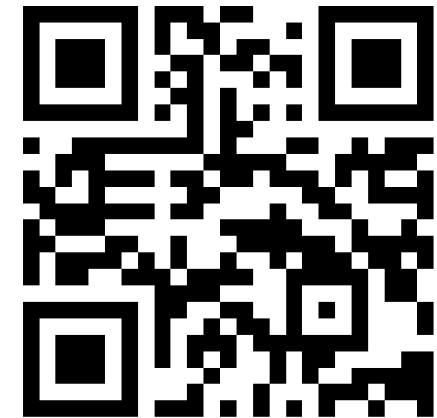
CHEEC

The University of Iowa Center for Health Effects of Environmental Contamination (CHEEC) supports and conducts research to identify, measure and study adverse health outcomes related to exposure to environmental toxins. CHEEC was established through the 1987 Iowa Groundwater Protection Act and has focused its efforts to date mainly on drinking water contaminants.

**For questions about environmental contaminants, please contact Dr. Cwiertny at the email address below.**



David Cwiertny  
Director of CHEEC



[cheec.uiowa.edu](http://cheec.uiowa.edu)

Email: [cheec@uiowa.edu](mailto:cheec@uiowa.edu)

# Iowa Private Well Grants Program

## Iowa Health & Human Services

Iowa's [Private Well Grants Program](#) (PWG) provides free water testing to all private well owners and users for the analytes listed below. The Iowa DNR recommends that all private well owners have their water tested at least annually.

Follow the steps outlined on the Iowa DNR website.



To get your private well tested, please contact your local county health department.

[County Health Department - contact list \(click here\)](#)

- [Bacteria/coliform](#) (annually)
- [E.coli/fecal coliform](#) (annually)
- [Nitrate](#) (annually)
- [Arsenic](#) (every 3 years)
- [Manganese](#) (every 3 years)
- [PFAS](#) (requires pre-approval from the DNR)

<https://hhs.iowa.gov/public-health/environmental-health/private-well-grants>

<https://www.iowadnr.gov/Environmental-Protection/Water-Quality/Private-Well-Program/Private-Well-Testing>

# Dallas County Resources

## Private Well Testing

Contact the Dallas County  
Environmental Health  
Department

<https://www.dallascountyiowa.gov/408/Private-Well-Information>

## Health Navigation Services

The Health Navigation program is available to all Dallas County residents.

The program aims to help clients improve their overall quality of life and advocate for their own health needs.

To refer someone to the Health Navigation Program, please call 515-993-3750 or use these Health Navigation Referral Forms on the website

<https://www.dallascountyiowa.gov/419/Health-Navigation-Services>

## Radon Testing

Dallas County Environmental Health has radon test kits available for purchase and pickup at our office (please call for pricing).

<https://www.dallascountyiowa.gov/410/Radon-Information>

25747 N Avenue, Suite C  
Adel, IA 50003

Phone: 515-993-5803



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# Thank you!

→ <https://shri.public-health.uiowa.edu/>

Email questions here: [ICR-99countiesproject@uiowa.edu](mailto:ICR-99countiesproject@uiowa.edu)