



The background of the slide features a line graph. The y-axis is labeled 'Deaths' and ranges from 0 to 30,000 in increments of 5,000. The x-axis shows dates from Mar-20 to Dec-21. Two lines are plotted: a grey line for 'Excess Deaths' and a blue line for 'Reported COVID-19 Deaths'. Both lines show significant peaks, with the grey line reaching higher peaks (around 25,000) than the blue line (around 20,000). The graph is partially obscured by a large white box containing the title and subtitle. Decorative wavy lines are visible in the top-left and bottom-right corners of the slide.

NAVIGATING MORTALITY

AN ANALYSIS OF DEATH TRENDS WITHIN THE CDC
DATASET

Source: CDC, Oxford.



CONTENTS



01

THE TEAM

02

LIFE EXPECTANCY OVER TIME

03

INTRODUCTION

04

MALIGNANT NEOPLASMS

05

RESPIRATORY DISEASE

06

ALZHEIMER'S

07

CONCLUSION

**WHAT IF WE CAN ACTIVELY
ADDRESS SIGNIFICANT
CAUSES OF DECREASING
LIFE EXPECTANCY IN THE
UNITED STATES?**



THE DREAM TEAM



Sanchita Sharma



Malik McDay



Ikshita Ganta



Siddharth Joginipally



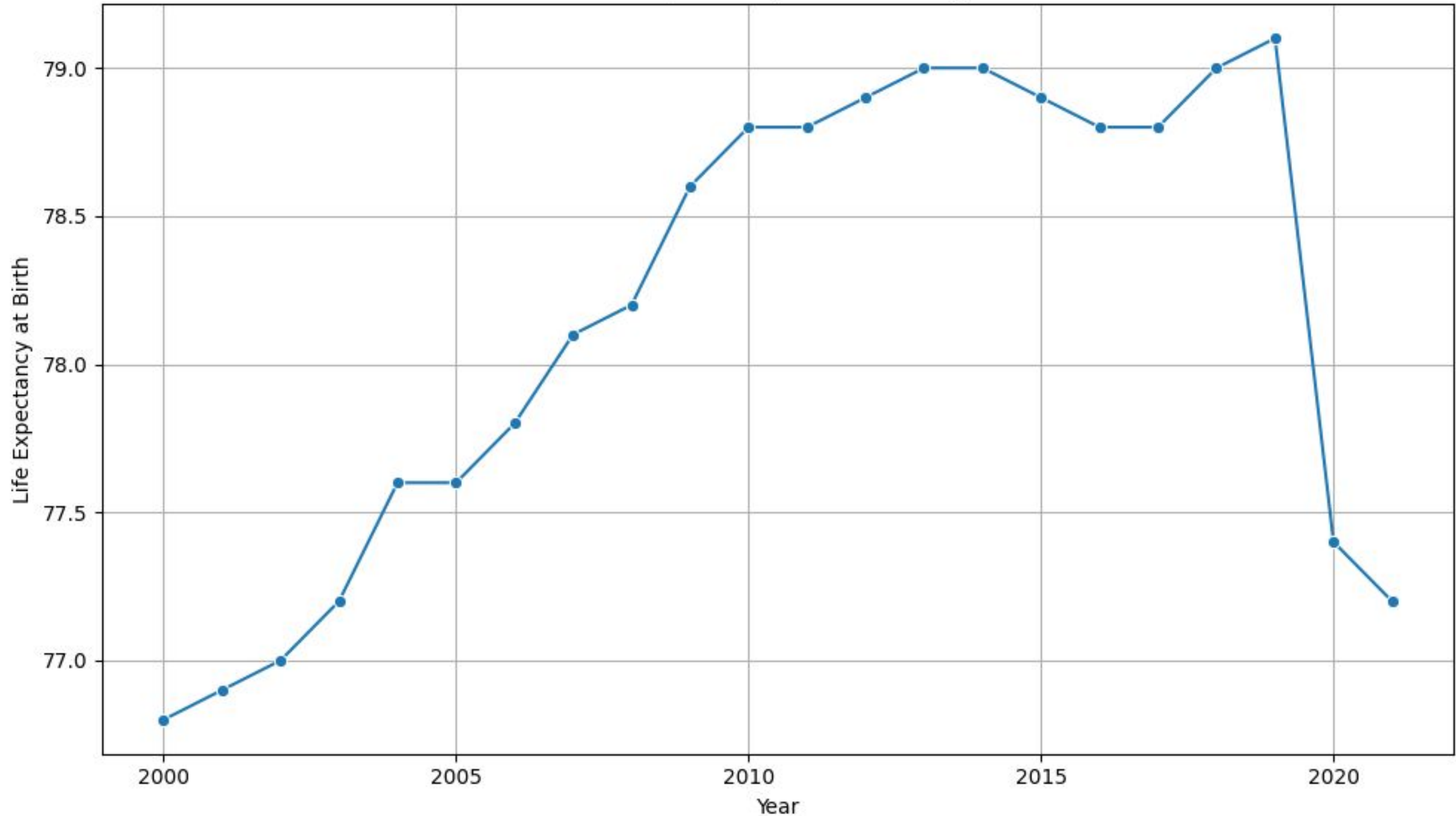
Sarvesh Rajwade

Ceo Of Ingoude
Company

Ceo Of Ingoude
Company

Ceo Of Ingoude
Company

LIFE EXPECTANCY IS PLUMMETING



A SNAPSHOT OF THE ANALYSIS

LIFE EXPECTANCY

- Evolution – increase in life expectancy **Objective n° 1**
- Advancements in science – hallmark of progress

THE DISEASES

- Malignant neoplasms **Objective n° 2**
- Respiratory diseases
- Alzheimers dementia

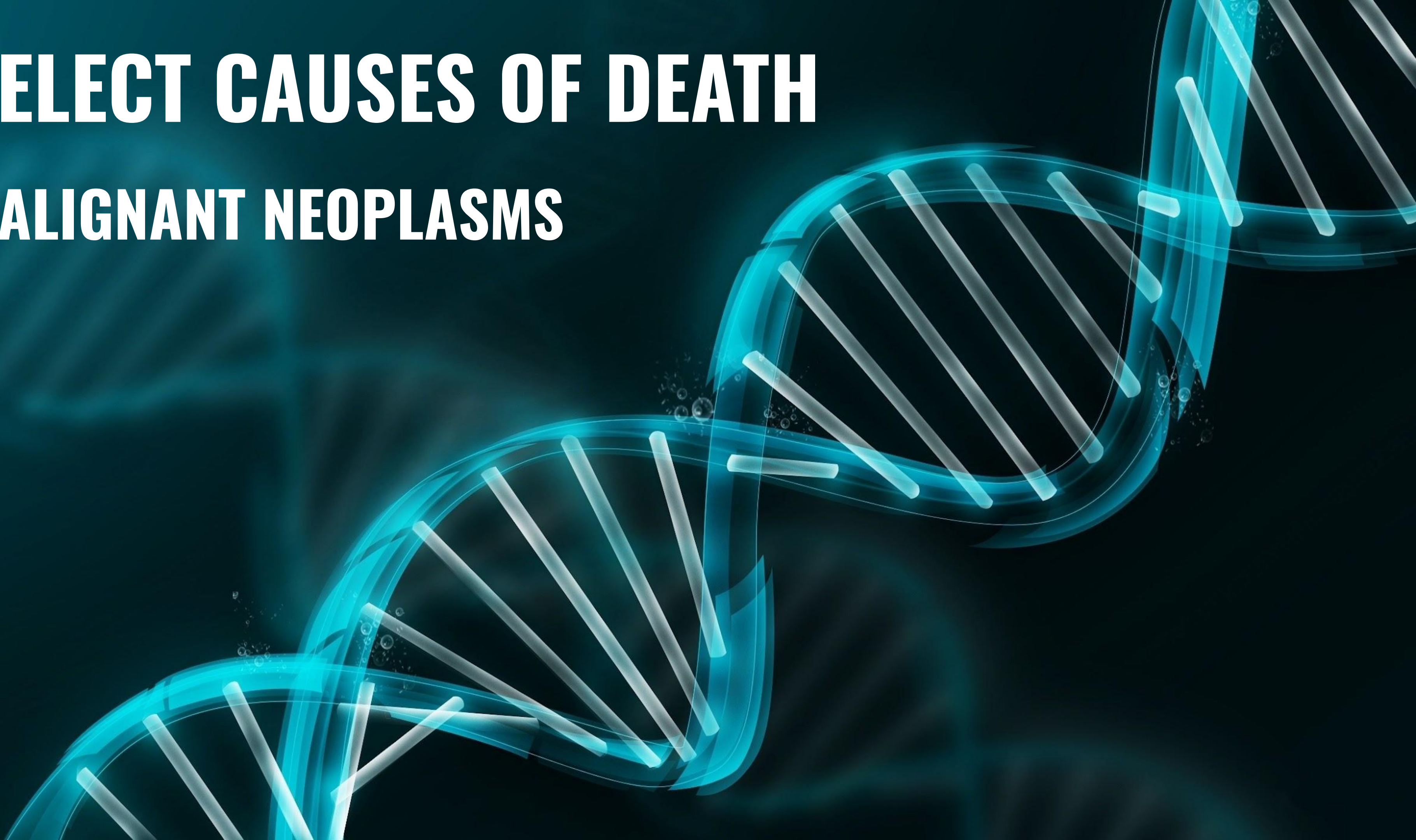
THE INSIGHTS

- Factors affecting life expectancy **Objective n° 3**



SELECT CAUSES OF DEATH

MALIGNANT NEOPLASMS



MALIGNANT NEOPLASMS



A malignant neoplasm is another term for a **cancerous tumor**.

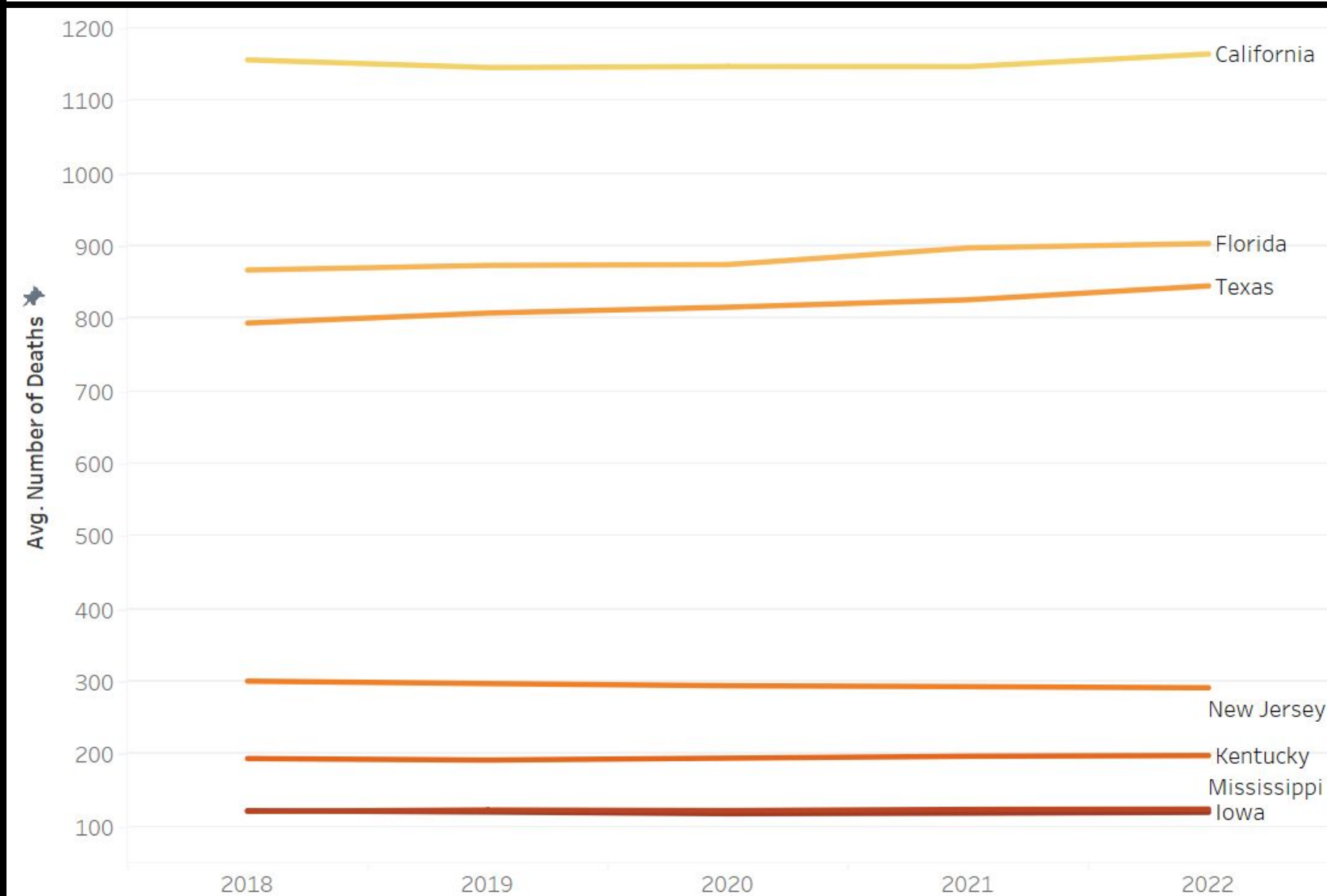
Hypothesis:

- ❖ Do most populous states have high cancer death rates?
- ❖ Did Covid-19 discourage people to get regularly tested?

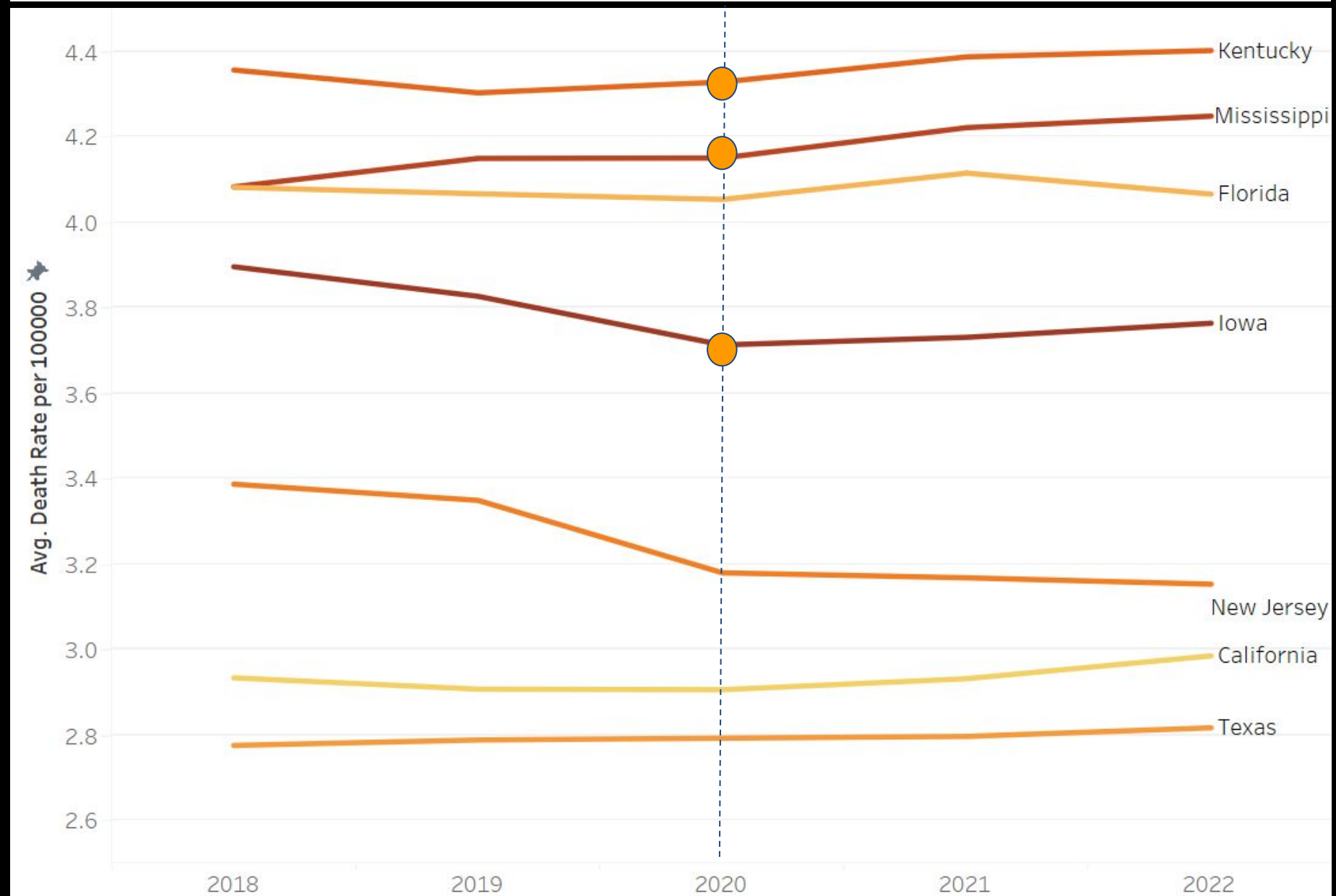


CANCER DEATH RATE IS DRIVEN BY DISPARITIES & LACK OF EARLY DETECTION

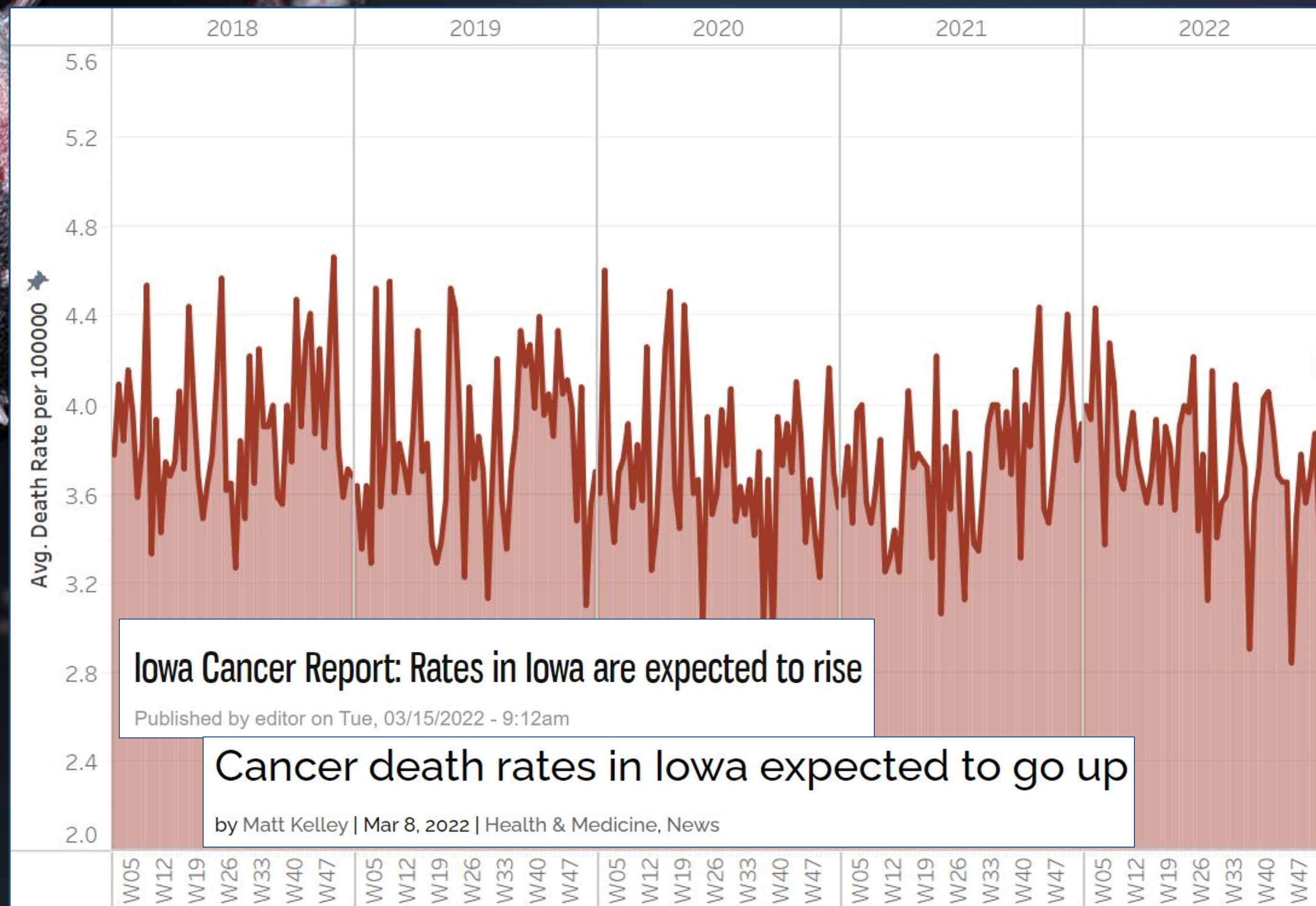
On average **California, Florida & Texas** have highest number of deaths due to **Malignant Neoplasms**



Kentucky, Mississippi & Iowa have an increasing average death rate due to cancer from **2020 to 2022**



IOWA'S CANCER DEATH RATE DROPPED DUE TO HOLDS ON CANCER SCREENINGS FROM COVID-19



Iowa Cancer Report: Rates in Iowa are expected to rise

Published by editor on Tue, 03/15/2022 - 9:12am

Cancer death rates in Iowa expected to go up

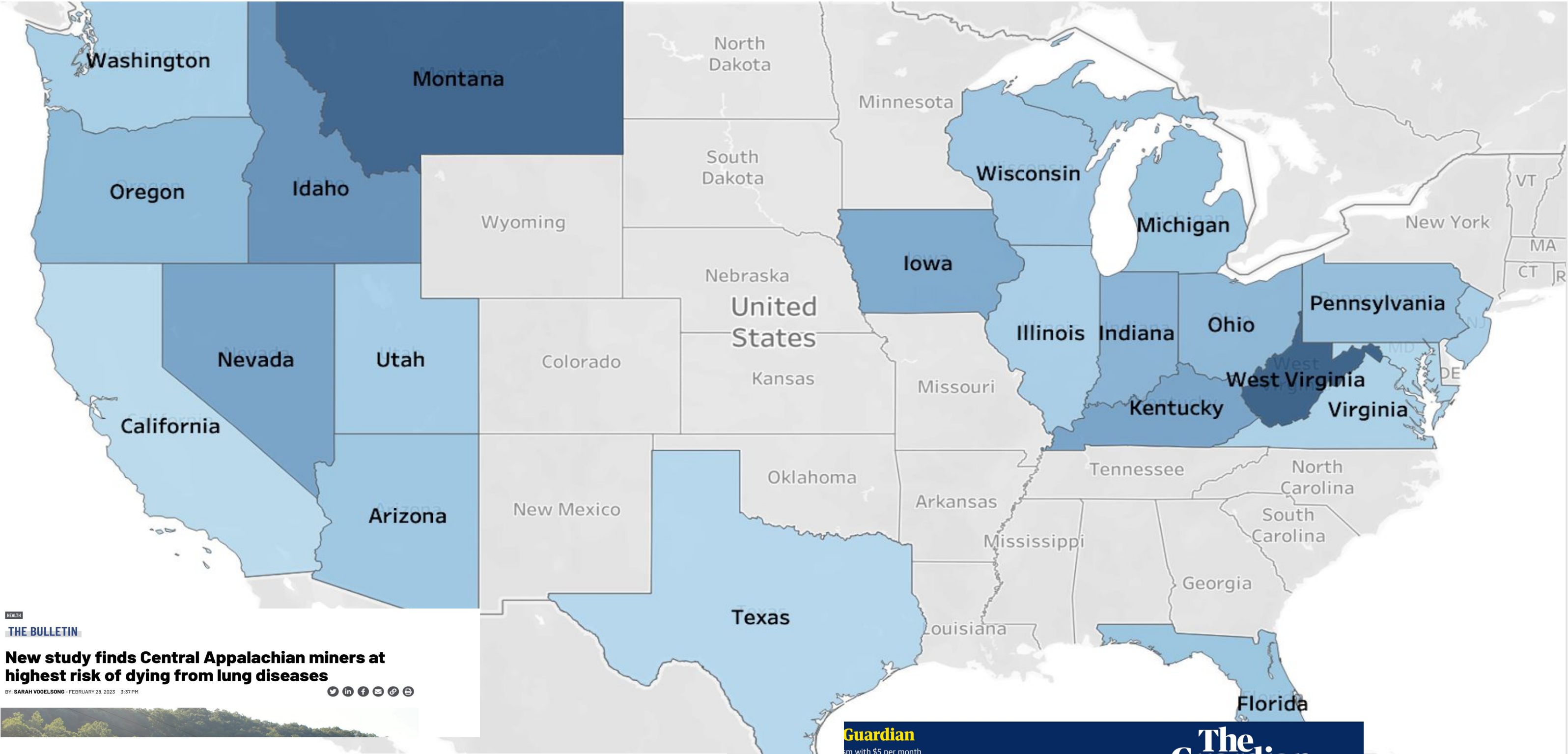
by Matt Kelley | Mar 8, 2022 | Health & Medicine, News

SELECT CAUSES OF DEATH

RESPIRATORY DISEASES



DEATH RATE DUE TO RESPIRATORY DISEASES DEPENDS ON A MULTITUDE OF FACTORS, IRRESPECTIVE OF GEOGRAPHICAL LOCATION



HEALTH

THE BULLETIN

New study finds Central Appalachian miners at highest risk of dying from lung diseases

BY: SARAH VOGELSONG - FEBRUARY 28, 2023 3:37 PM

[Twitter](#) [LinkedIn](#) [Facebook](#) [Email](#) [Print](#)

WORKPLACE

Black Lung Disease Is Affecting More Coal Miners in West Virginia. Here's What to Know

by Allen Siegler/Mountain State Spotlight September 5, 2023



Guardian

Subscription: £5 per month

The Guardian

Home Sport Culture Lifestyle More

Wildlife Energy Pollution Green light

This article is more than 14 years old

Welcome to Libby, Montana, the town that was poisoned

Advertisement

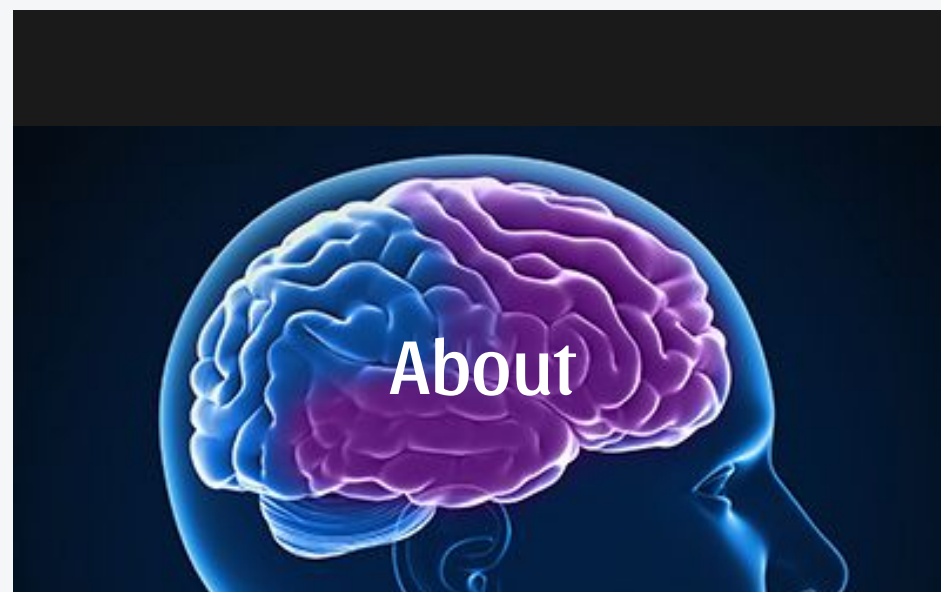
Breaking news at your fingertips with the Guardian app

SELECT CAUSES OF DEATH

ALZHEIMER'S & DEMENTIA



ALZHEIMER'S & DEMENTIA

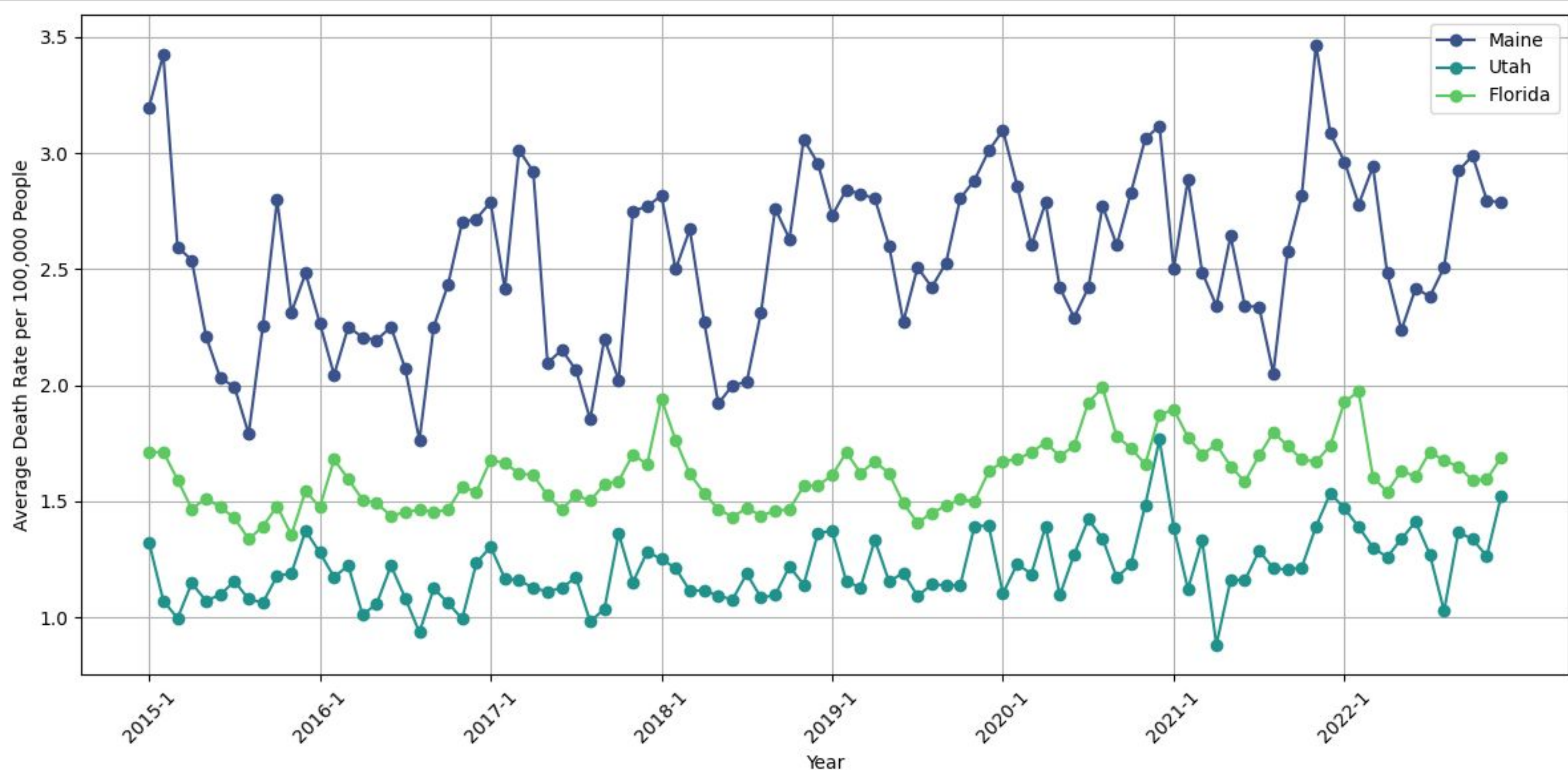


- "A progressive disease beginning with mild memory loss and possibly leading to loss of the ability to carry on a conversation and respond to the environment." Defined by the CDC.
- Age 65 + At Risk
 - Highest Median Age Living Population: Maine
 - Lowest Median Age Living Population: Utah

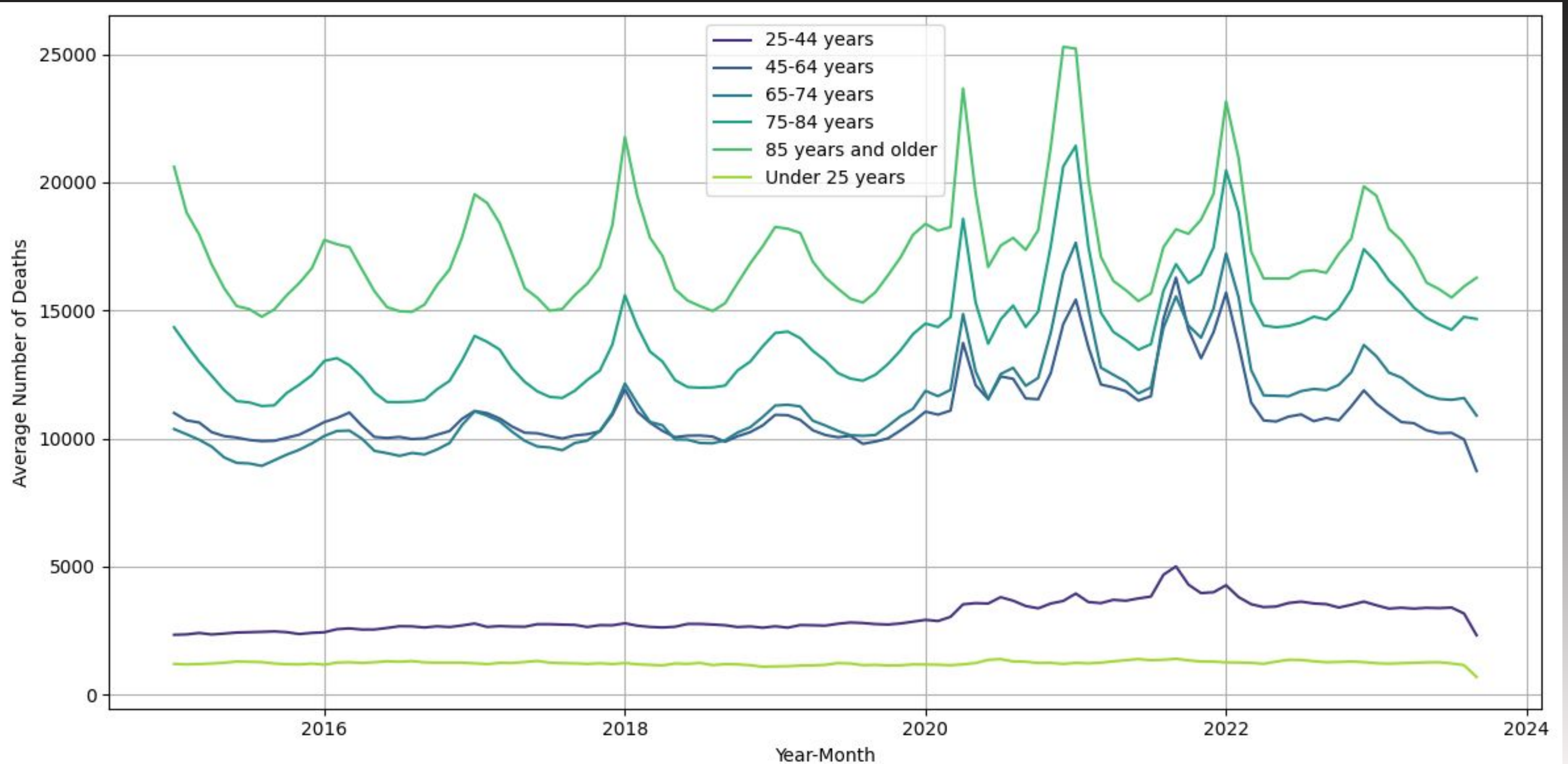
- States with a higher median living age have a higher rate of Alzheimer deaths
 - Disproportionate to states with a lower median.
 - Retirement Areas should create higher occurrences of Alzheimer's.
- Covid-19 would negatively impact the death rate.



AVERAGE DEATH RATE SHOWS A TREND

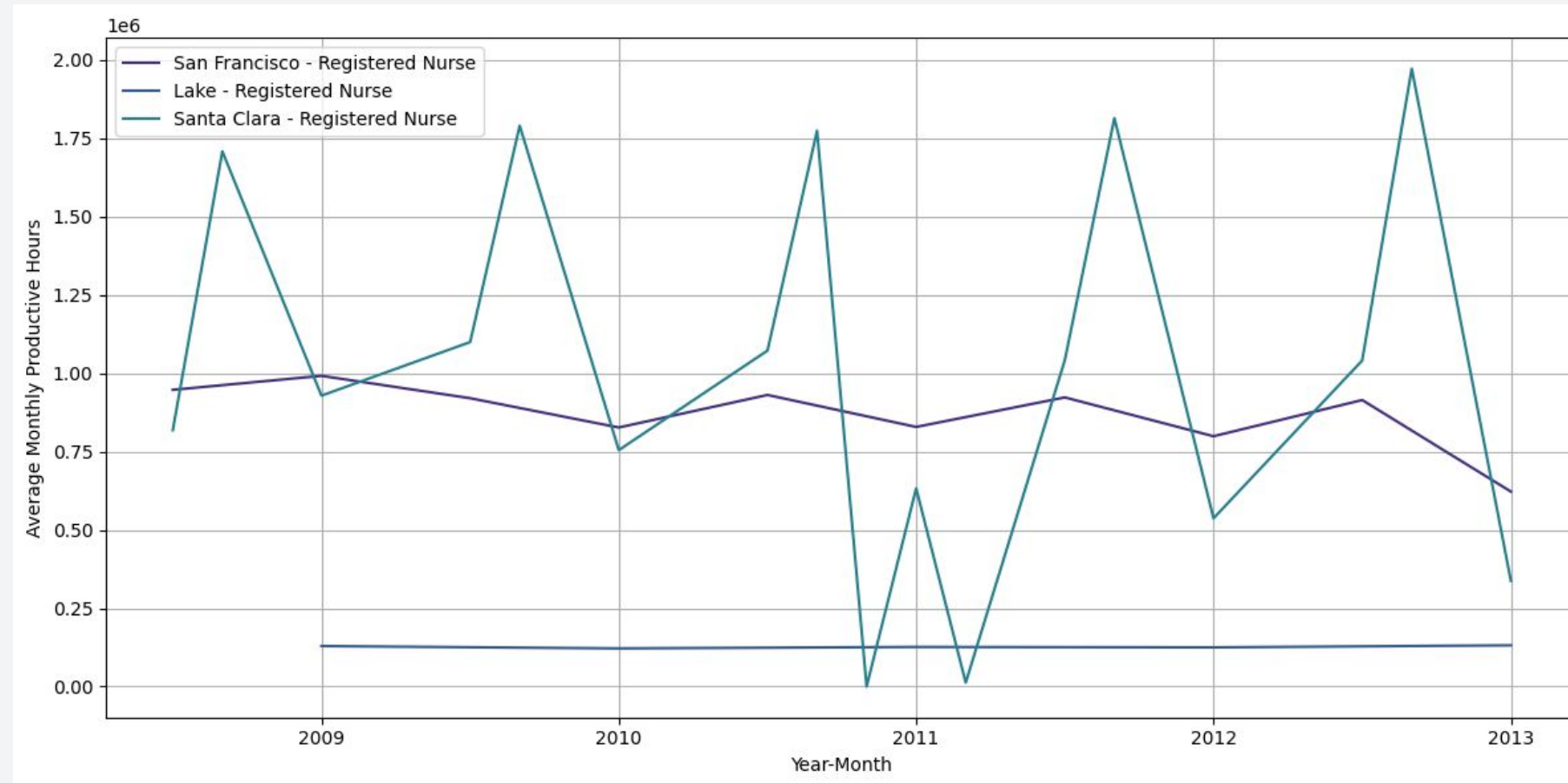


THE HOLIDAYS CAN BE TROUBLING

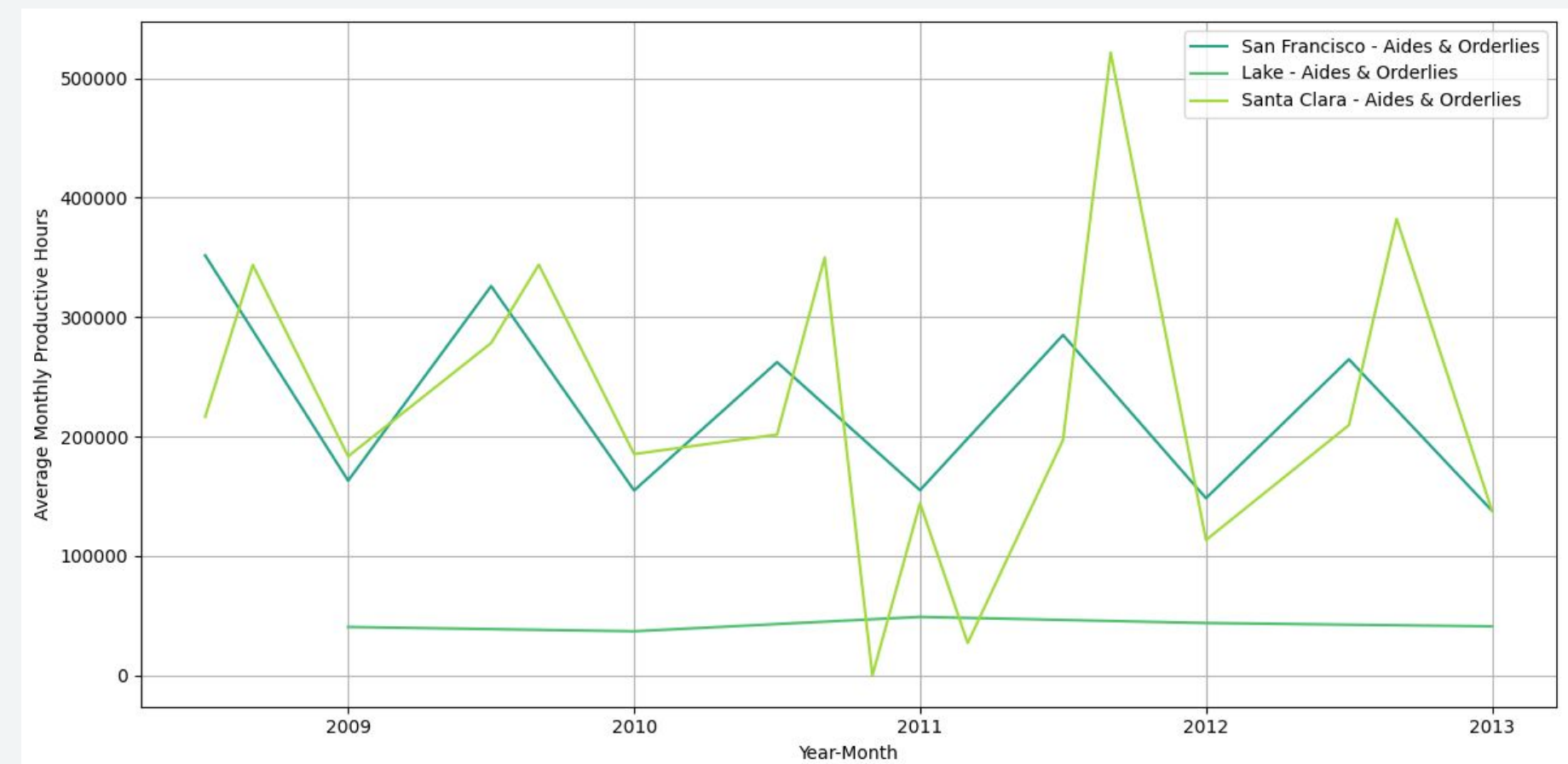


A LENS ON HOSPITALS

AVERAGE PRODUCTIVE HOURS FOR REGISTERED NURSES



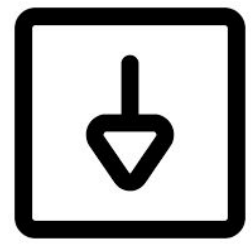
AVERAGE PRODUCTIVE HOURS FOR AIDES & ORDERLIES



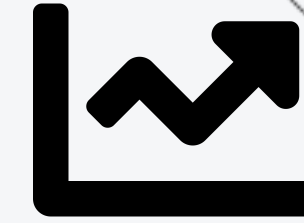
CONCLUSION



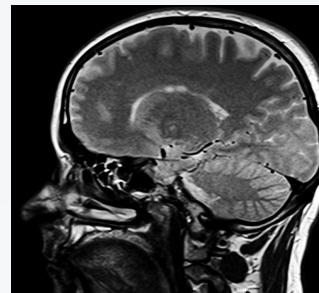
CONCLUSION



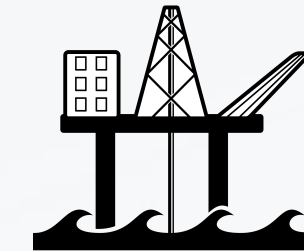
- The life expectancy in the U.S has plummeted due to underlying conditions related to Alzheimer's and Dementia, Cancer, and Respiratory diseases.



- States with higher median ages have more deaths due to Alzheimer's.
- The holiday season sees a spike in deaths due to Alzheimer's and Dementia reasons not related to the diseases



- Cancer deaths are driven by disparities, lack of facilities and lack of early detection.
- Iowa might see a rise in death rates due to malignant neoplasms in 2023



- Respiratory-related deaths often lack clear geographic or seasonal patterns but can be linked to specific local factors,
- Examples being industrial activities, such as mining, and their impact on healthcare in the area.



THANK YOU

