



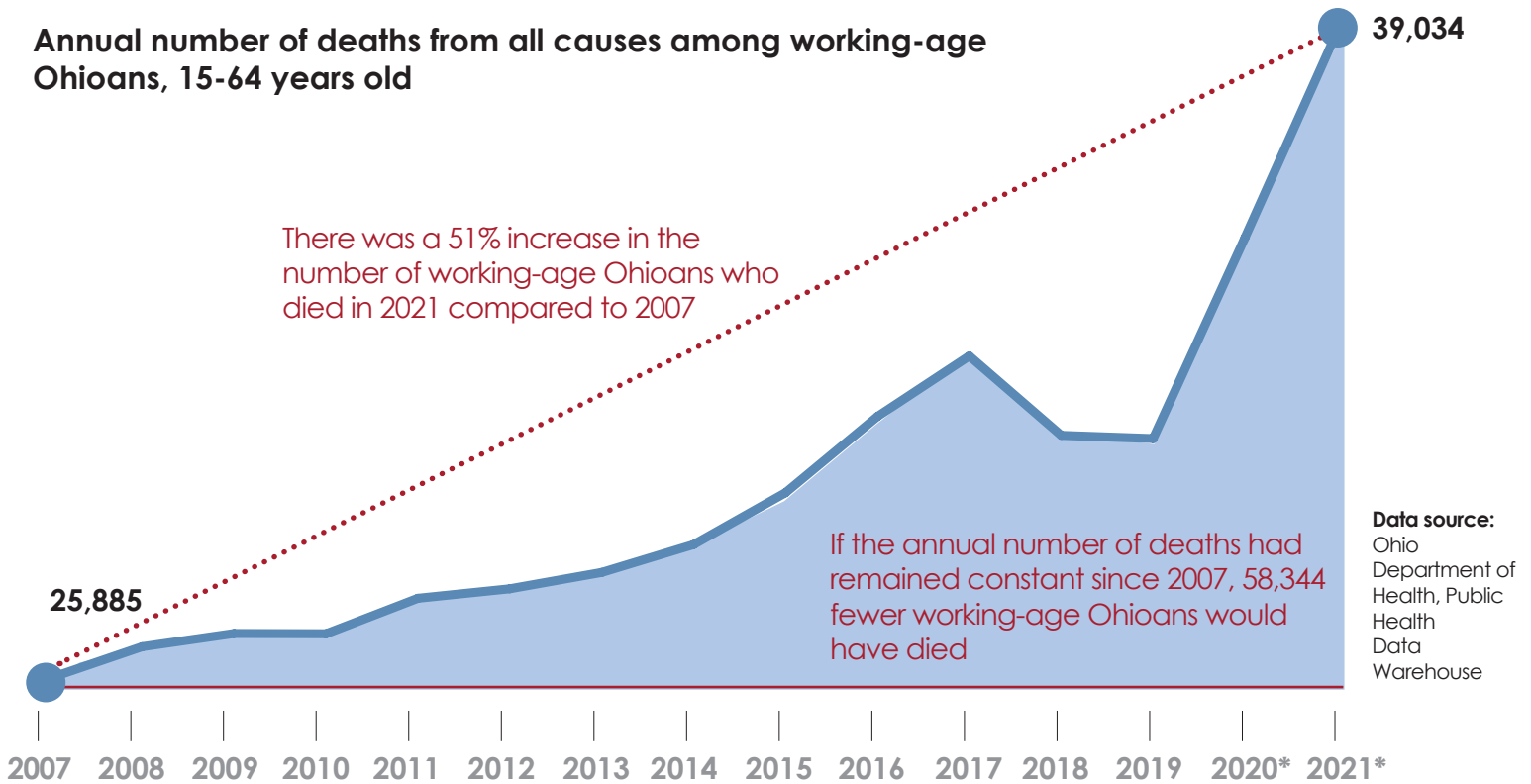
# Data Snapshot

## Death trends among working-age Ohioans

Ohioans between the ages of 15 and 64 are dying at a much higher rate than they were 15 years ago. These mostly preventable deaths have a tremendous impact on Ohio families, communities and society. In addition, the loss of a large number of working-age adults negatively affects Ohio's economy and businesses.

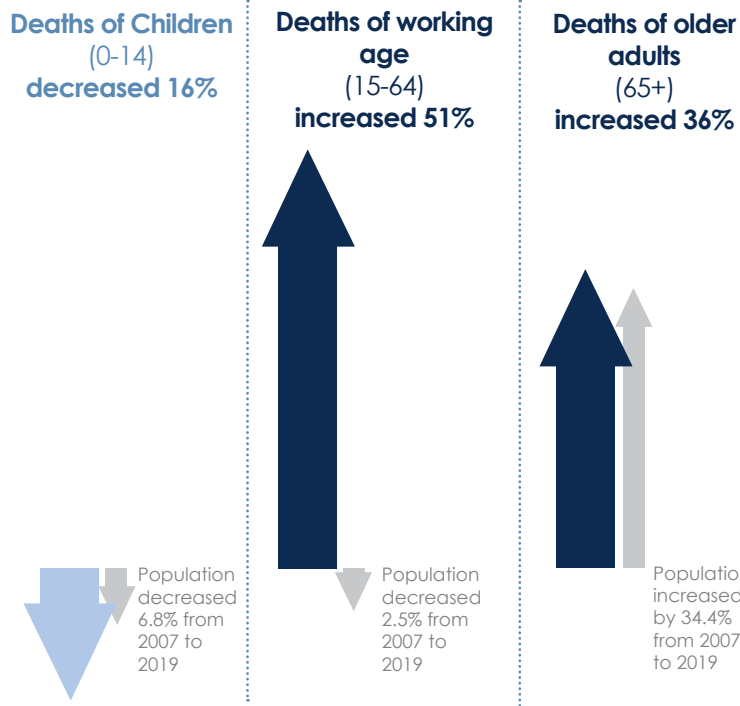
### What are the trends in death among working-age Ohioans?

Annual number of deaths from all causes among working-age Ohioans, 15-64 years old



Although the overall population of working-age adults decreased by 2.5% from 2007 to 2019, the number of deaths in that age group increased by more than 50% from 2007 to 2021. The trend stands out from deaths among other age groups of Ohioans, which more closely matched population trends.

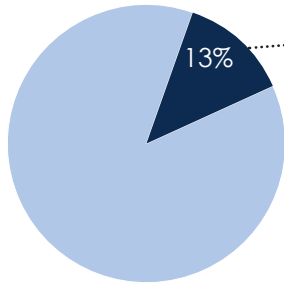
### Percent change in number of deaths from 2007 to 2021 compared to overall population change from 2007 to 2019, by age



\* 2020 and 2021 data is preliminary  
**Note:** All death data is reported as of May 6, 2022  
**Data source:** Ohio Department of Health, Public Health Data Warehouse

# Is the increase in deaths related to COVID-19?

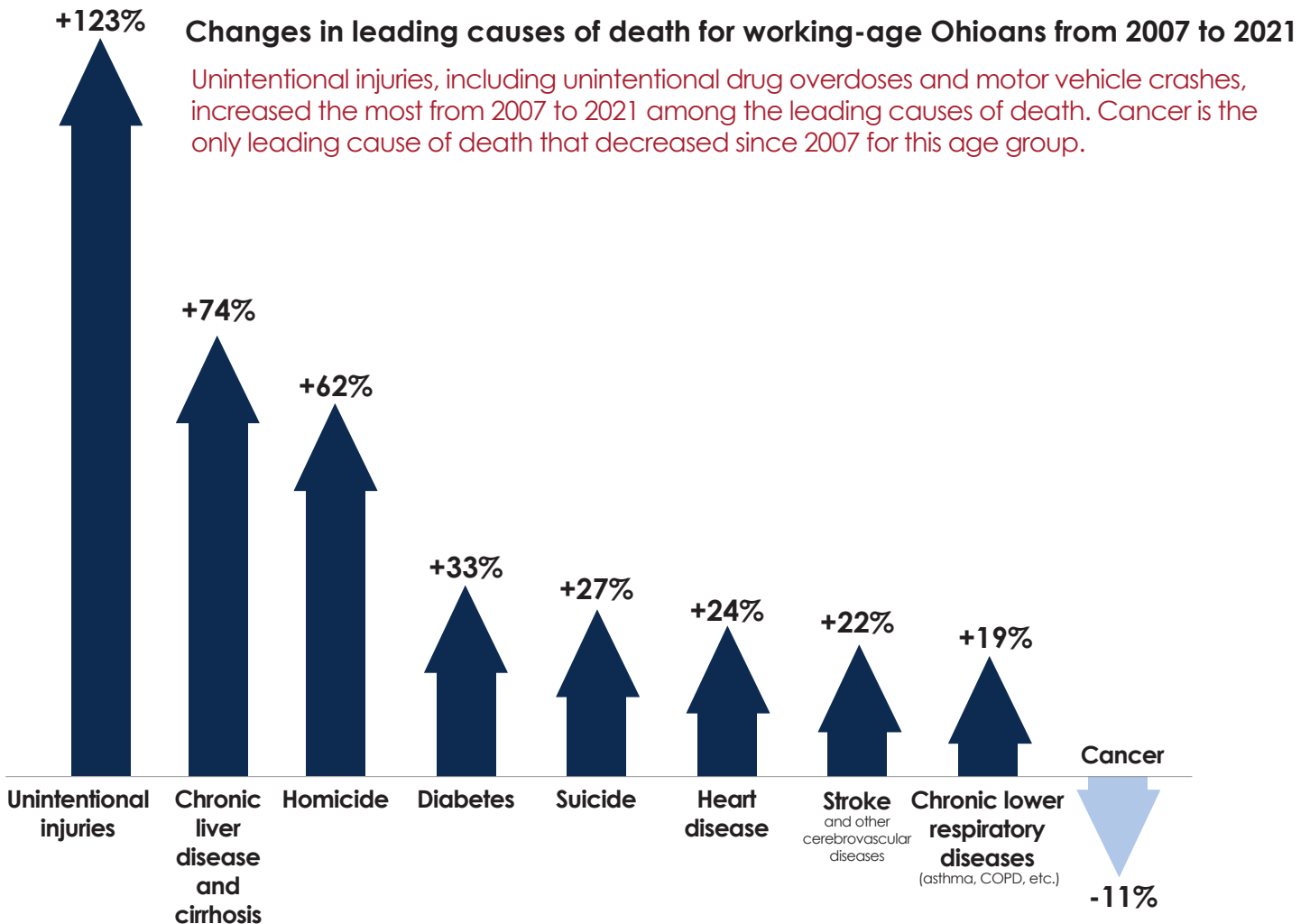
COVID-19 played a role in Ohio's increased death rate, accounting for 13 percent of deaths among working-age adults in 2021, but is not the main factor driving the trend.



<b>1. Unintentional injuries</b>	6,817
Unintentional drug overdoses	4,884
Motor vehicle crashes	1,111
Other	882
<b>2. Cancer</b>	6,715
<b>3. Heart disease</b>	6,323
<b>4. COVID-19</b>	4,986
<b>5. Suicide</b>	1,379
<b>6. Diabetes</b>	1,249
<b>7. Chronic liver disease and cirrhosis</b>	1,248
<b>8. Chronic lower respiratory diseases</b> (asthma, COPD, etc.)	1,114
<b>9. Stroke and other cerebrovascular diseases</b>	945
<b>10. Homicide</b>	907

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**Note:** All data is reported as of May 6, 2022  
**Data source:** Ohio Department of Health, Public Health Data Warehouse

## What is driving the trend?

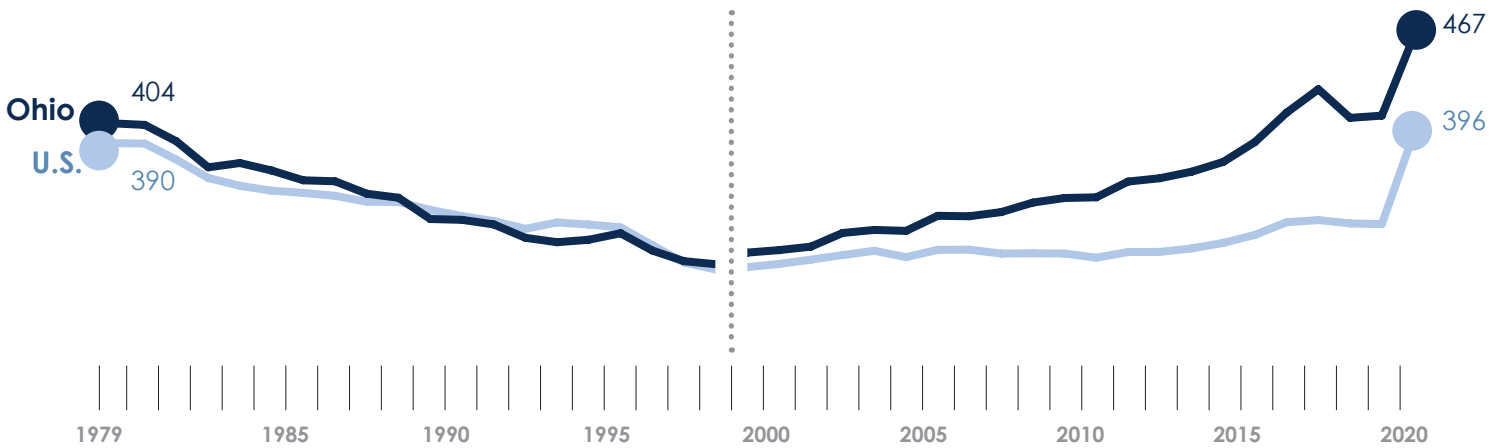


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# What is the economic impact?

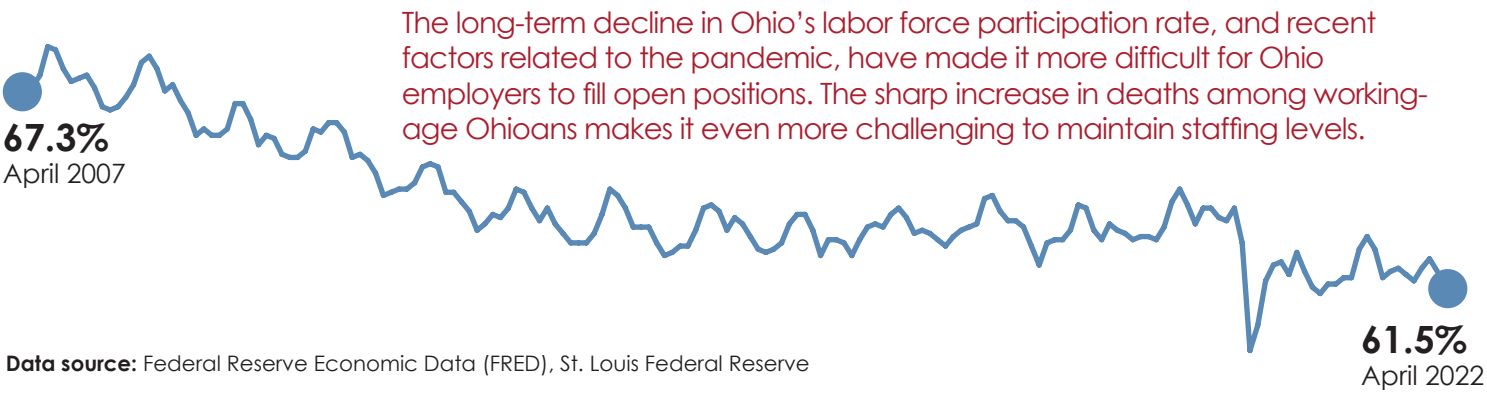
## Death rate, per 100,000 population, Ohio and U.S., ages 15-64, 1979-2020

The increasing death rate for working-age Ohioans is part of a long-term trend, starting in the early 2000s, in which Ohio is doing worse than the U.S. overall. A healthy workforce is critical for the economic vitality of our state and the data shows we are falling behind.



**Note:** Data is not age-adjusted. The CDC does not recommend trending across 1998 -1999 due to methodological changes in how deaths were reported during that time. The 1979-1998 data is based on compressed mortality with ICD-9 codes (classification of causes of death), and 1999-2020 data is based on underlying causes of death using ICD-10 codes.  
**Data source:** CDC Wonder

## Labor force participation rate in Ohio from April 2007 to April 2022



**Data source:** Federal Reserve Economic Data (FRED), St. Louis Federal Reserve

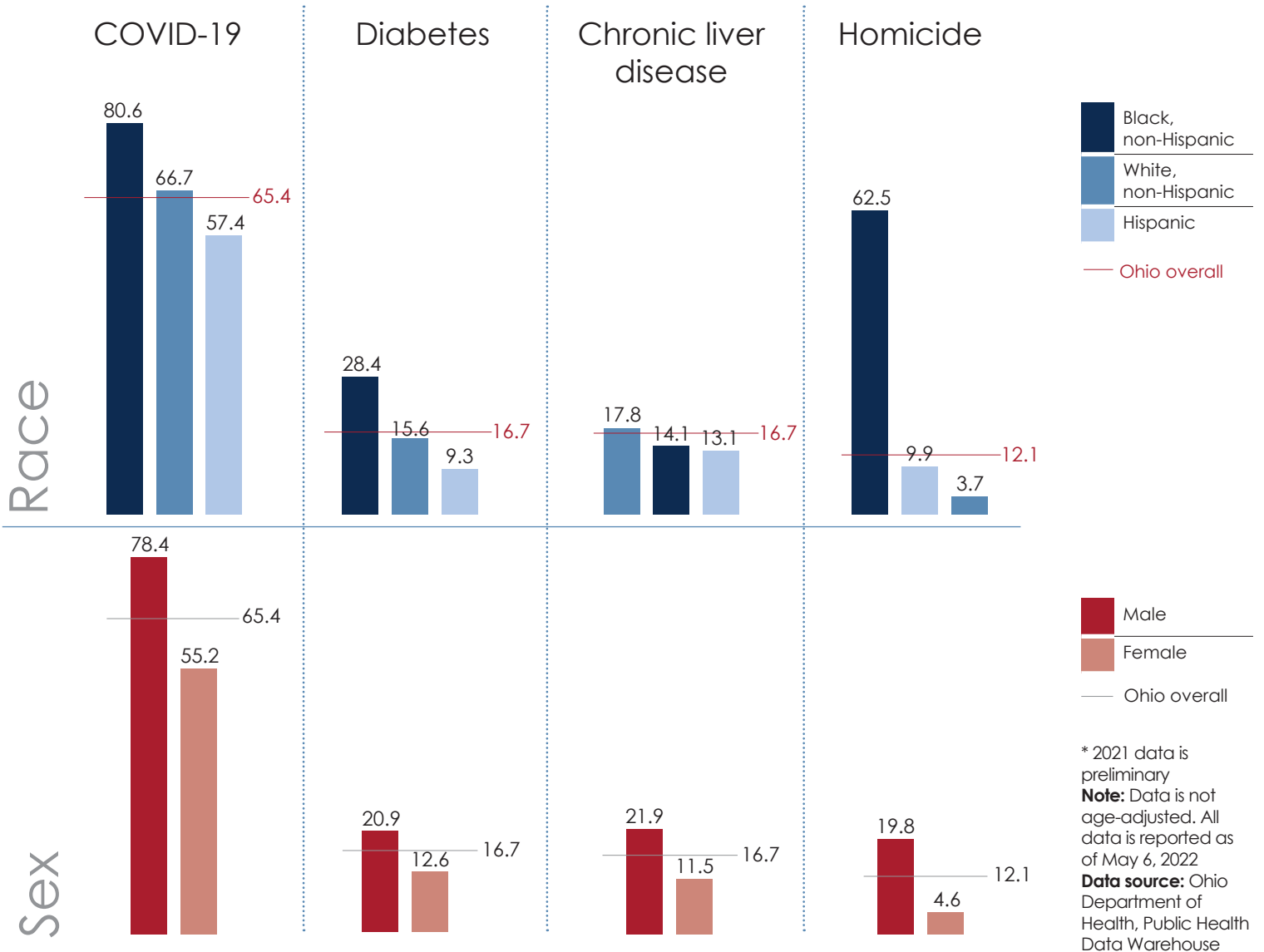


### Tip of the iceberg

Deaths are the tip of the iceberg, signaling broad problems below the surface that affect even more Ohioans. The increasing death rate among working-age Ohioans indicates that issues such as mental health, addiction and violence are not being adequately addressed.

## Who is most affected?

Rates of death (per 100,000 population) by race/ethnicity and sex, working-age Ohioans (15-64 years old), 2021\* for select leading causes of death in Ohio



## What can be done about it?

### Improvement is possible

- There are many effective strategies to address addiction, promote mental health and support access to healthy food and physical activity.
- Public and private partners can work together to ensure more Ohio workers have the opportunity to live a healthy and productive life.

### Resources

- [HPIO's addiction-related policy briefs](#) (including resources on alcohol and tobacco use and drug overdoses)
- [2020-2022 State Health Improvement Plan](#) — Ohio Department of Health
- [COVID-19 Ohio Minority Health Strike Force Blueprint](#) — Office of Gov. Mike DeWine
- [Suicide, homicide and firearms in Ohio](#) — HPIO data graphic