



# Cancer STATS & FACTS for Ohio

## BRAIN CANCER

May 2021

### Who Gets Brain Cancer?

In 2018, **904** new cases of brain and other central nervous system (CNS) cancer were diagnosed in Ohio, at a rate of 6.7 per 100,000 persons.



Brain and other CNS cancer is one of the leading types of cancer affecting children and adolescents (ages 0-19).

In 2018, **100** cases were reported among children and adolescents in Ohio.

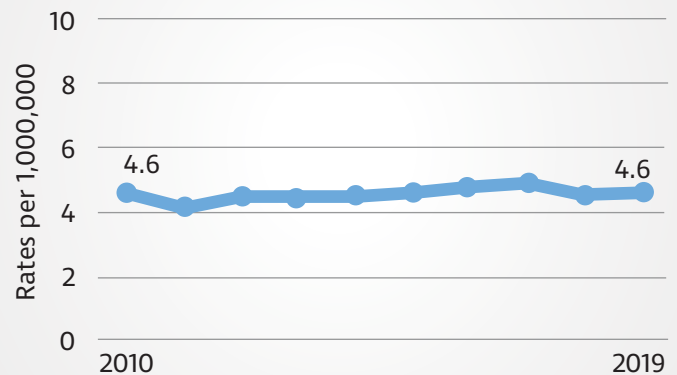


**Males** have a **40%** higher incidence rate than females.

### Brain Cancer Deaths

In 2019, **674** deaths from brain and other CNS cancer occurred in Ohio.

In Ohio, brain and other CNS cancer death rates were relatively stable from 2010 to 2019.



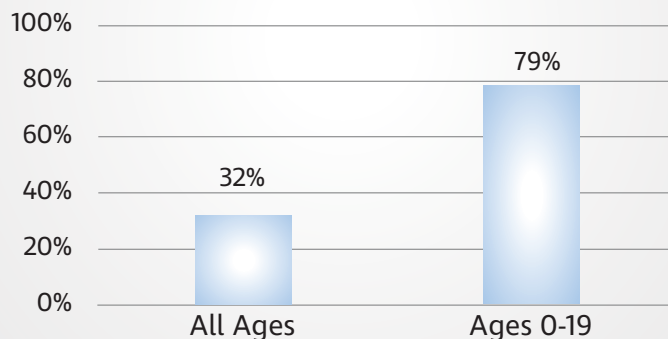
**Whites** have nearly a **2X** higher mortality rate than Blacks.

### Survival

In Ohio, five-year relative survival for brain and other CNS cancer was:

**32%** for all ages and **79%** among children and adolescents (ages 0-19).

#### Five-Year Relative Survival



Based on Ohio cases diagnosed in 2011-2017.

### Risk Factors for Brain Cancer

**Age:** Tumor risk increases steadily with age.

**Sex/Race:** Males and whites are at greater risk.

**Radiation Exposure:** Radiation to the head given to treat other cancers (most frequently, children treated for leukemia) increases risk.



**Genetic Syndromes:** Increased risk for individuals with certain genetic syndromes such as neurofibromatosis types 1 and 2 (NF1, NF2), von Hippel-Lindau disease, or tuberous sclerosis.

**Family History:** Small increased risk for relatives of people with brain and CNS cancer.

For more information, see the ODH website [Cancer Data and Statistics](#).

Sources: Ohio Cancer Incidence Surveillance System and Bureau of Vital Statistics, Ohio Department of Health; National Cancer Institute; American Cancer Society.