

OHIO CANCER STATS & FACTS

Kidney & Renal Pelvis Cancer

March 2025



Who Gets Kidney Cancer?

Cancer that starts in the kidney is called kidney and renal pelvis cancer. Renal cell cancer is the most common type in adults.

AN AVERAGE OF
2,702
CASES

of kidney and renal pelvis cancer were diagnosed each year in Ohio, making up 3.8% of all new invasive cancer cases from 2018 to 2022.

Kidney and renal pelvis cancer is about
2x more common in men than in women.

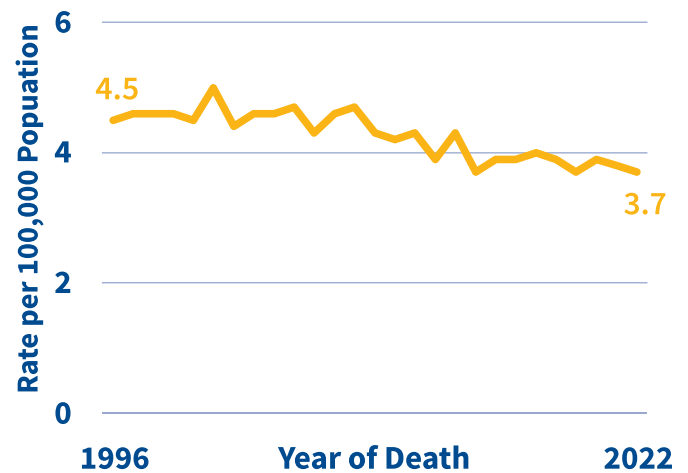
Kidney and renal pelvis cancer incidence rates increased

70% OVERALL from 1996 to 2022 in Ohio, partly due to the use of newer imaging tests, which has led to the detection of tumors that may not have been found otherwise.

Kidney Cancer Deaths

AN AVERAGE OF
590
OHIOANS DIED

from kidney and renal pelvis cancer each year from 2018 to 2022. **Kidney and renal pelvis cancer death rates have decreased 18%** in Ohio from 1996 to 2022.



Stage at Diagnosis* and Survival

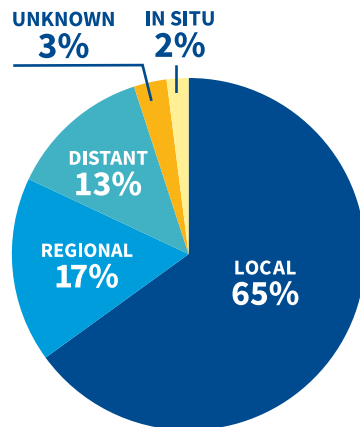
65% of kidney and renal pelvis cancer cases in Ohio were diagnosed at a local stage from 2018 to 2022.

Five-year relative survival was:

95%
AT THE
LOCAL STAGE

77%
AT THE
REGIONAL STAGE

AND ONLY
19%
FOR DISTANT-STAGE TUMORS.



***In situ** – cancer is noninvasive.
Local – cancer is confined to primary site.
Regional – cancer has spread to regional lymph nodes.
Distant – cancer has metastasized (spread to other parts of the body).

Risk Factors for Kidney Cancer

- Smoking nearly doubles your risk.
- Overuse of certain pain medications, such as aspirin, acetaminophen, and ibuprofen.
- Being overweight.
- Having high blood pressure.
- Having a family history of renal cell cancer.
- Having certain genetic conditions, such as von Hippel-Lindau disease or hereditary papillary renal cell carcinoma.
- Workplace exposure to certain substances, such as trichloroethylene.

LIFETIME RISK: About 2.2% of men and 1.3% of women will be diagnosed with kidney and renal pelvis cancer at some point during their lifetime.