

Today, a cancer diagnosis does not come without hope. Investments in research have been a catalyst for change and a driver of progress in prevention, detection, and treatment. But cancer remains the #2 killer in the U.S. and there is still a lot of suffering to alleviate. NIH can help.

38%

Approximately 38% of men & women will be diagnosed with cancer at some point during their lifetime.

1.8M

More than 1.8 million new cancer cases are expected to be diagnosed in 2020.

600k+

More than 600,000 Americans die of cancer each year.

\$180B

Cancer costs \$180 billion annually for medical care and lost productivity.

29%

2.9 million lives were saved from 1991–2017 as a result of improvements in cancer treatment, detection, and prevention, many of which were funded and driven by NIH, resulting in a 29% drop in the cancer death rate over the last 30 years.



Cancer is the second leading cause of death in the U.S.

There are more than 100 types of cancer.



Research is the best defense against the devastating human and economic toll cancer takes on American lives.

The National Cancer Institute (NCI) leads, conducts, and supports cancer research across the nation. Its accomplishments include:

- **Producing a cancer therapy breakthrough - immunotherapy** - which unleashes the body's immune system to fight cancer. To date, the U.S. Food and Drug Administration (FDA) has approved more than 30 immunotherapies for patients with different types of cancers.
- **Helping create the first vaccines for human papilloma virus (HPV)**, a major cause of cervical cancer.
- **Developing new genetic tests allowing clinicians to identify children with a fast-growing type of blood cancer** who are at a high risk of relapse and treat them earlier.
- **Supporting 71 NCI-Designated Cancer Centers** and more than 5,000 grantees.
- **Coordinating and supporting all phases of clinical trials** across 2,500 trial sites nationwide.

Current priorities include:

- **Preventing** and mitigating cancer disparities
- **Understanding** the mechanisms of cancer
- **Improving** detection, diagnosis and treatment
- **Strengthening** the cancer research enterprise

Sources: National Cancer Institute. Annual Report on the Status of Cancer. (2020); Retrieved from www.cancer.gov/research/progress/annual-report-nation; Cancer Research Institute (2019). Retrieved from www.cancerresearch.org; American Cancer Society. Cancer Facts & Figures. (2020). Retrieved from www.cancer.org/research/cancer-facts-statistics/all-cancer-facts-figures; National Cancer Institute. What is Cancer. (2019) . Retrieved from www.cancer.gov/about-cancer/understanding/what-is-cancer

Cancer is a formidable and constantly evolving foe and sustained progress requires sustained investment in research.