

DATABASE SPOTLIGHT

THE SURVEILLANCE, EPIDEMIOLOGY, AND END RESULTS PROGRAM (SEER)

<https://seer.cancer.gov/>

WHAT IS SEER?

SEER is a program of the National Cancer Institute (NCI) that collects and reports data on cancer incidence and survival rates from various locations and sources throughout the United States. Data collection began in 1973 and continues to expand to include even more areas and demographics today.

Current SEER Registries:

The following population-based cancer registries are part of the SEER Program. Registries that contribute cases to the current [SEER research data](#) are denoted with a check mark (✓).

- [Alaska Native Tumor Registry](#)✓
- [Arizona Indians](#)
- Arkansas
- California Department of Public Health
- [Greater California Regional](#)✓
- Greater Bay Area Cancer Registry
 - [San Francisco-Oakland](#)✓
 - [San Jose-Monterey](#)✓
- [Los Angeles](#)✓
- [Cherokee Nation](#)
- Colorado
- [Connecticut](#)✓
- [Georgia Center for Cancer Statistics](#)✓
- [Hawaii](#)✓
- [Idaho](#)✓
- [Illinois](#)✓
- [Iowa](#)✓
- [Kentucky](#)✓
- [Louisiana](#)✓
- [Massachusetts](#)✓
- Michigan
- Detroit Regional
- Missouri
- New Hampshire
- [New Jersey](#)✓
- [New Mexico](#)✓
- [New York](#)✓
- Oregon
- [Seattle-Puget Sound](#)✓
- Tennessee
- [Texas](#)✓
- [Utah](#)✓
- [Wisconsin](#)

Use SEER data for:

Descriptive Studies of survival rates of different cancers in different populations over time

Analytical Studies of the relationships between cancer incidence and survival rates and various risk factors

Cancer Screening and Prevention

Clinical Studies of the effectiveness of cancer treatments and identification of factors that affect patient outcomes

Studying Health Disparities in cancer incidence and survival rates

ACCESSING SEER DATA

SEER data is free to use, but the following must be done to access the data:

- ✓ Submit a data request
- ✓ Receive a verification email
- ✓ Send the signed data use agreement
- ✓ Receive a username and password
- ✓ Download SEER data and SEER*Stat Software

SEER IN ACTION:

Models using SEER data identify patients at low-risk of death from localized melanoma:

<https://pubmed.ncbi.nlm.nih.gov/36336975/>

Lung cancer rates decrease in people living with HIV, according to SEER data:

[https://www.thelancet.com/journals/lanhiv/article/PIIS2352-3018\(22\)00219-3/fulltext](https://www.thelancet.com/journals/lanhiv/article/PIIS2352-3018(22)00219-3/fulltext)

HELPFUL RESOURCES:

- SEER Introduction Video:
<https://www.youtube.com/watch?v=CFQHixUZWGw>
- NCI SEER*Explorer:
<https://www.youtube.com/watch?v=O-sjvy5eo5Q>
- How to request SEER data:
<https://seer.cancer.gov/data/access.html>
- SEER and SEER*Stat Overview:
<https://www.youtube.com/watch?v=5FqZJZKl8og>

IF YOU ARE INTERESTED IN
LEARNING MORE ABOUT SEER,
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