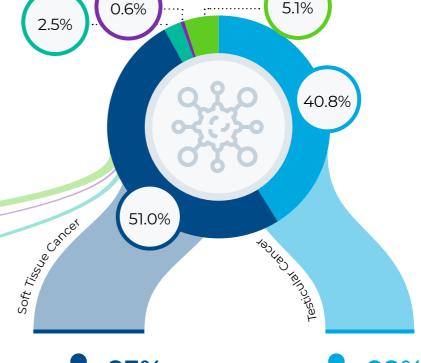
# Rare But Real: A Closer Look at Five Rare Cancers

Every tumor has its own story. This Rare Cancer Day, we have delved into electronic health records from Cerner Real World Data to reveal the intricate narratives of five rare tumors. From the diverse demographics of those affected, to the facilities that offer care, and outcomes, our data provides a view into the landscape and experiences of patients with certain rare cancers.

- Merkel Cell Skin Cancer (N=2911)
- Osteosarcoma (N=363)
- Pituitary Endocrine Cancer (N=1395)
- Soft Tissue Cancer (N=28486)
- Testicular Cancer (N=22738)







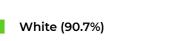


Gender

Race / Ethnicity

Treatment Setting



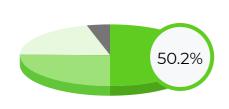


- Other (3.2%) Black / African-American (1.4%)
- Missing (3.7%) Asian, or American Indian
- or Alaska Native, or Native Hawaiian or Other Pacific Islander (1.1%)

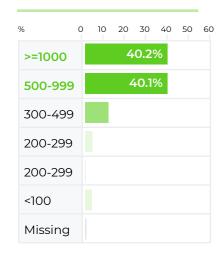
.....

### Non-Hispanic (83.4%) Hispanic or Latino (6.8%)

Missing (9.8%)



- IDN (50.2%) Academic (25.4%)
  - Regional Hospital (20.4%)
- Childrens (0.2%) Other\* (4.0%)



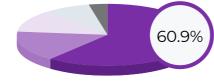
5-yr overall 56% survival rate

Insurance Portability and Accountability Act.

# Osteosarcoma





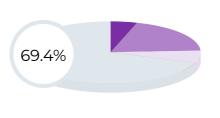


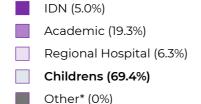
- White (60.9%) Other (16.0%)
- Black / African-American (11.8%)
- Missing (8%) Asian, or American Indian

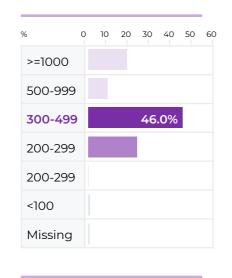
#### or Alaska Native, or Native Hawaiian or Other Pacific Islander (3.3%) ......

#### Non-Hispanic (3.8%) Hispanic or Latino (18.2%)

Missing (38.0%)







5-yr overall survival rate

is a US based data set that include data

The Cerner Enviza EHR data is the source data utilized for the rare cancer cohort.

Patients were considered if the had a diagnosis code for one of the 5 rare cancers

from over 100 million patients extracted from the EHR of hospitals and clinics who

have consent to use. The data is deidentified and in compliance with the Health

# **98**% Adults (Median) 62

oixuitary Endocrine Cancer



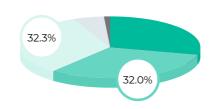


- White (67.1%)
- Other (12.7%)
- Black / African-American (10.7%)
  - Missing (4.9%)
- Asian, or American Indian or Alaska Native, or Native Hawaiian or Other Pacific Islander (4.6%)

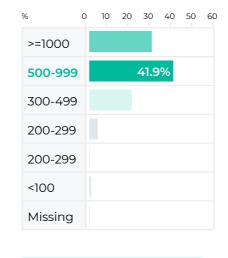
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# Non-Hispanic (62.5%)

Hispanic or Latino (17.7%) Missing (19.8%)



- IDN (29.1%) Academic (32.0%)
- Regional Hospital (32.3%) Childrens (5.8%) Other\* (0.9%)



5-yr overall survival rate 93% Adults (Median) 65





- White (75.2%)
- Other (8.1%)
- Black / African-American (8.4%)
  - Missing (5.1%)
- Asian, or American Indian or Alaska Native, or Native Hawaiian or Other Pacific Islander (3.2%)

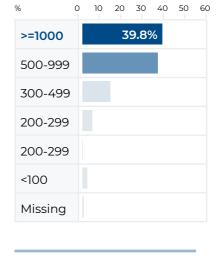
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# Non-Hispanic (72.5%)

Hispanic or Latino (15.6%) Missing (11.9%)

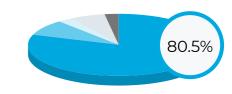


- IDN (42.4%)
- Academic (28.2%)
- Regional Hospital (19.7%)
- Childrens (6.9%)
- Other\* (2.7%)



5-yr overall survival rate 99% **Adults** (Median) 44



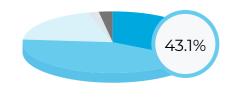


- White (80.5%)
- Other (8.3%)
- Black / African-American (2.6%) Missing (6.2%)
  - Asian, or American Indian
- or Alaska Native, or Native Hawaiian or Other Pacific Islander (2.3%)

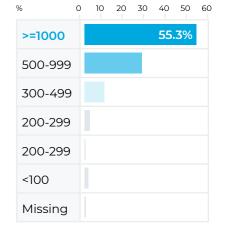
.......

## Non-Hispanic (70.9%)

Hispanic or Latino (16.9%) Missing (12.2%)



- IDN (33.4%)
- Academic (43.1%)
- Regional Hospital (19.2%)
- Childrens (2.1%)
- Other\* (2.3%)



5-yr overall survival rate

\*Other treatment settings: Community Hospital, Community Healthcare, Critical Access, Community Health, Specialty Hospital, Regional Health System

## About Cerner Enviza<sup>SM</sup>

Cerner Enviza aims to accelerate the discovery, development and delivery of extraordinary insights and therapies to improve everyday health for all people globally. By combining decades of innovation, life sciences knowledge and collaborative research, Cerner Enviza provides data-driven solutions and expertise that helps bring remarkable clarity to healthcare's most important decisions.

For more information on Cerner Enviza, visit www.cernerenviza.com. For more information, please contact

Bed Size