

ANALYSIS OF Cancer in Oklahoma's SoonerCare Program



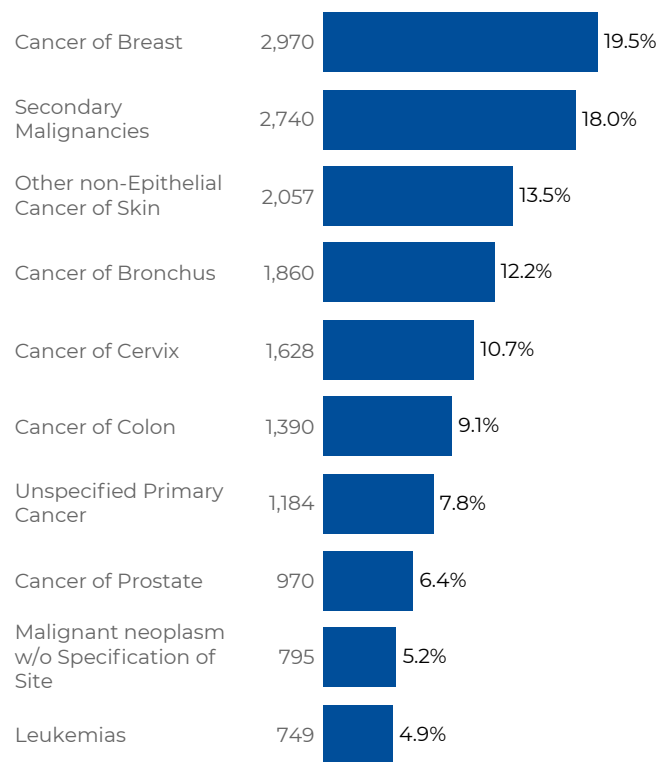
SoonerCare Members

The number of SoonerCare members diagnosed with cancer remained relatively the same from SFY2020 (14,650 members) to SFY2021 (15,059 members). The prevalence rate of cancer among SoonerCare members was 1.4%.

Among the 33 different types of cancer, defined by the *International Classification of Diseases, 10th Revision*, the most common type of cancer was breast cancer, followed by secondary malignancies, other non-epithelium cancer of skin, and cancer of bronchus. Approximately one in five members with cancer (19.5%) were diagnosed with breast cancer.

Top 10 Most Frequent Cancer Diagnoses

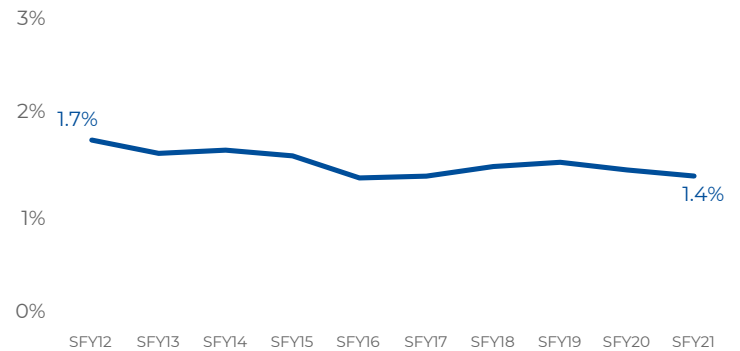
Showing top 10 cancer diagnoses by number of members; Members may be diagnosed with more than one cancer type.



78.1%

of all members with cancer had one or more of the top ten most frequent cancer types

Cancer Prevalence Rates
SFY2012 - SFY2021

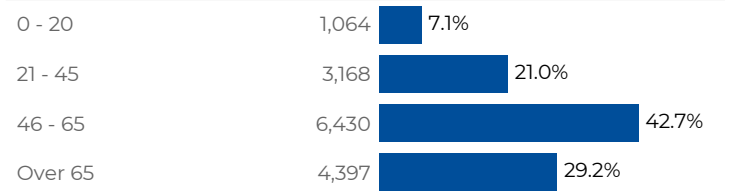


In SFY2021 there were

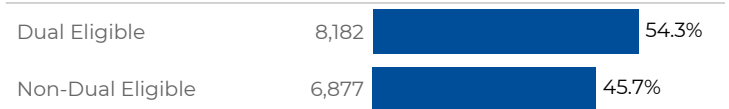
15,059

members with cancer, or 1.4% of all SoonerCare members

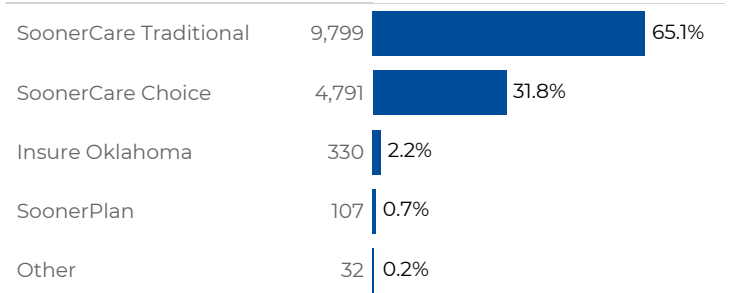
Members with Cancer by Age Group SFY2021



Members with Cancer by Eligibility Type SFY2021



Members with Cancer by Delivery System SFY2021



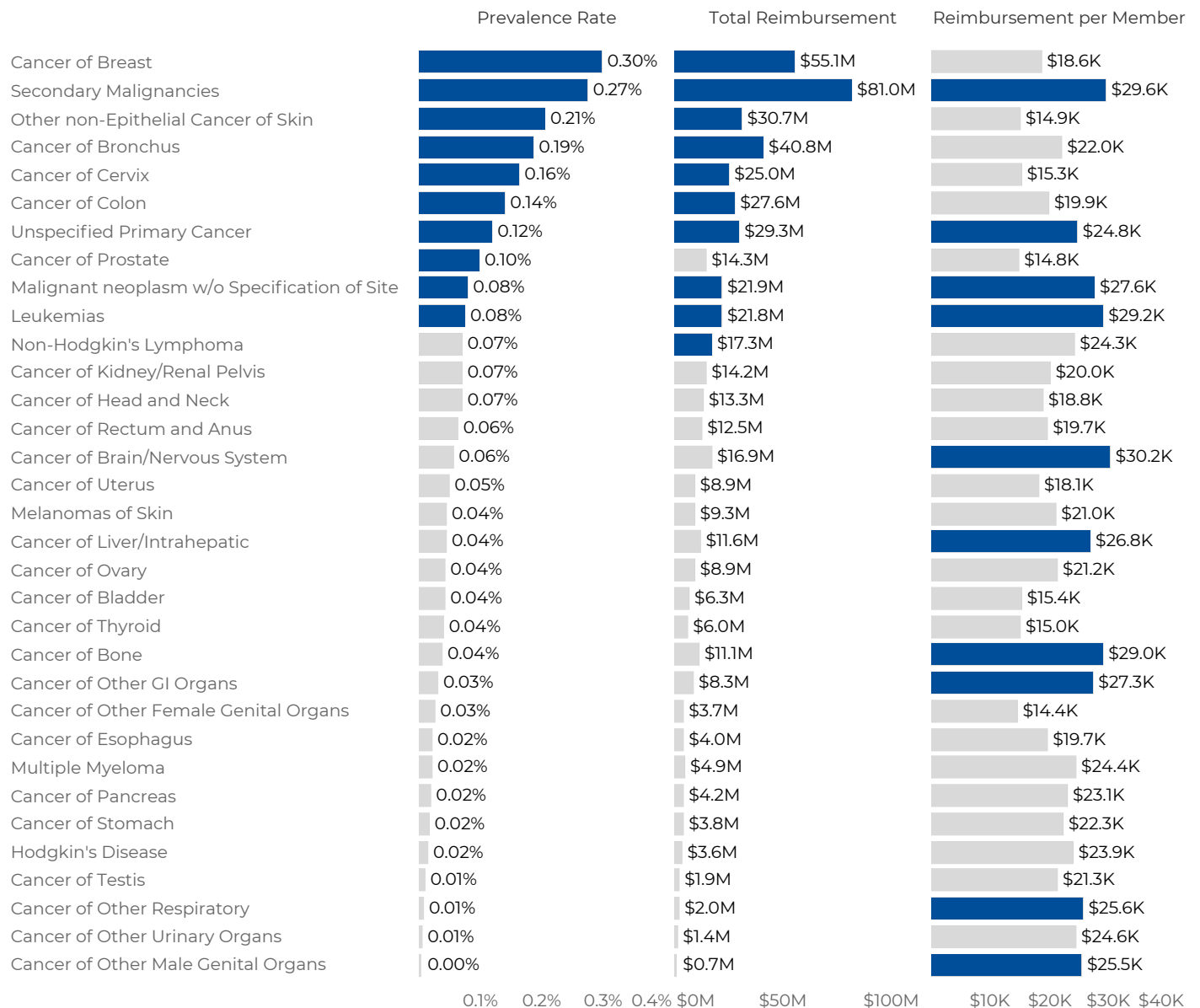
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Secondary malignancies, malignant neoplasm and **leukemias** were among the most prevalent types of cancer and had the highest reimbursement rates in SFY2021.

The total reimbursement for members with a **secondary malignancy** made up **29.1%** of the total reimbursements for members with cancer.

Cancer Prevalence Rate, Total Reimbursement, and Reimbursement per Member - Top 10 for Each Measure



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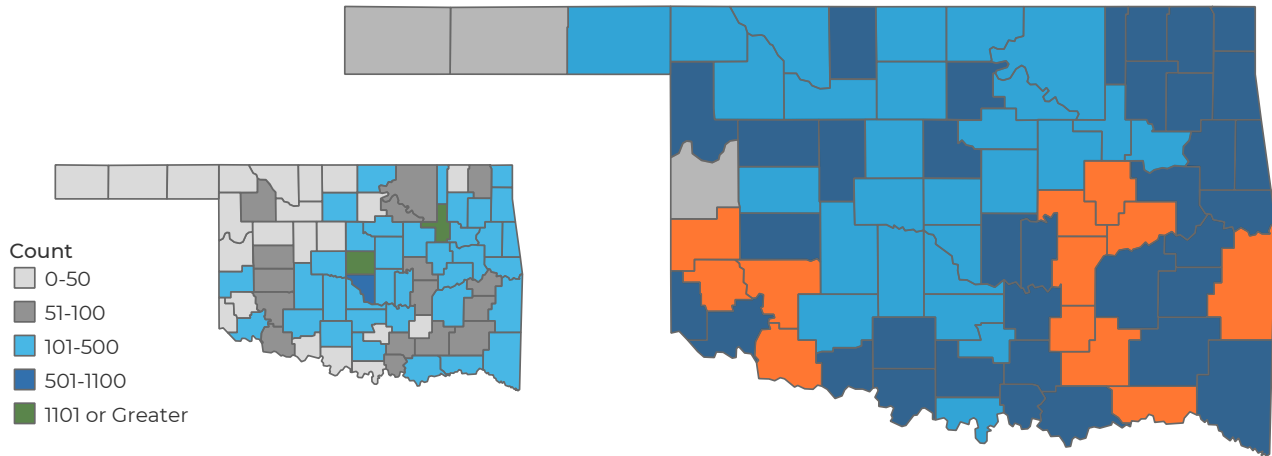


Prevalence Rates

Prevalence



Greer County (2.6%) had the highest prevalence of cancer. Counties in eastern Oklahoma had higher prevalence rates of cancer than western counties, and twelve counties had prevalence higher than 2.0%.

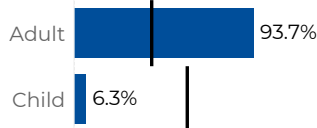


SoonerCare Members with Cancer

In SFY2021, cancer was more prevalent among adults, females, and Caucasians than would be expected based on the demographic composition of all SoonerCare members. See details below. The black line represents the percent of total SoonerCare members.

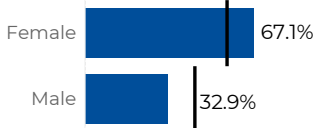
93.7%

were adults
14,115 members



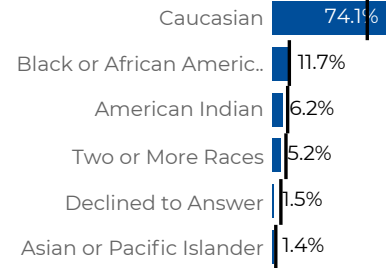
67.1%

were female
10,111 members



74.1%

were Caucasian
11,153 members

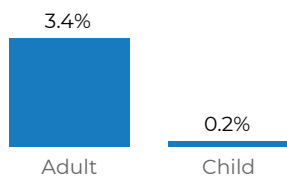


Demographics

Prevalence Rates Among SoonerCare Members

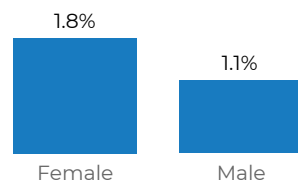
3.4%

of all adult members
had cancer



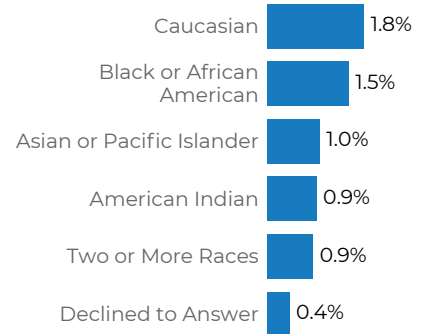
1.8%

of all female members
had cancer



1.8%

of all Caucasian
members had
cancer



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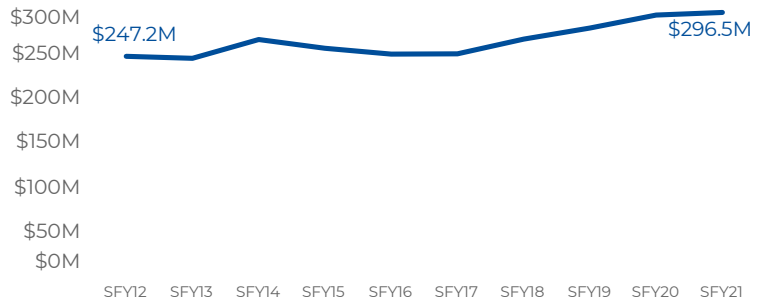


Reimbursement Cost

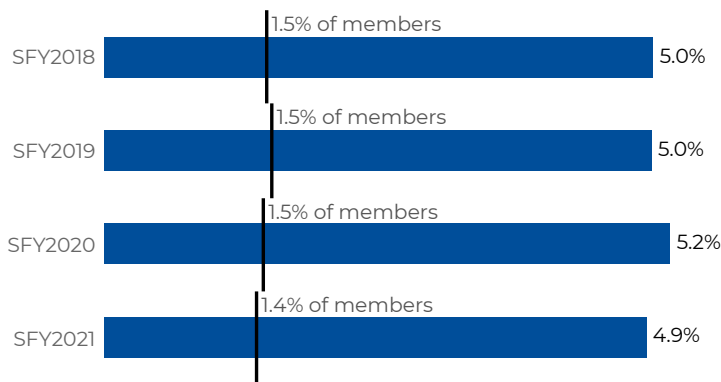
While only 1.5% of SoonerCare members had cancer in SFY2021, the total reimbursement associated with their services made up 5.0% of all SoonerCare reimbursements paid in SFY2019. The cost of providing care to members with cancer is disproportionately higher than the prevalence of cancer among SoonerCare members. The total reimbursement for members with cancer increased by 1.0% from \$293,605,712 in SFY2020 to \$296,536,133 in SFY2021.

The average reimbursement for child members with cancer (\$29,464) was 54.8% higher than the average reimbursement for adult members with cancer (\$19,038).

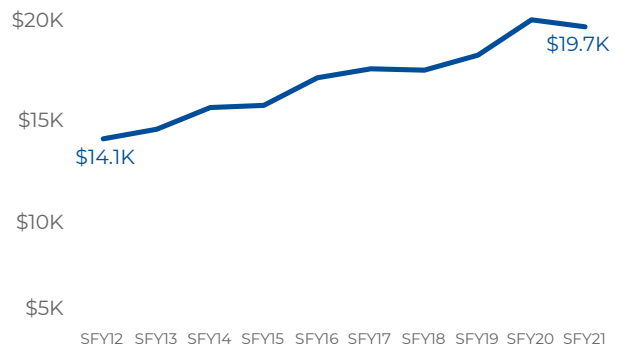
Annual Reimbursement for Members with Cancer SFY2012 - SFY2021



SoonerCare Members with Cancer: Percent of Total Reimbursement Compared to Percent of SoonerCare Enrollment



Average Reimbursement per Member with Cancer SFY2012 - SFY2021



\$296,536,133

Total reimbursement for members with cancer

\$19,692

Average reimbursement for members with cancer

	Total Reimbursement	% of Total Reimbursement	Reimbursement per Member
Dual Eligible	\$97,126,315	32.8%	\$11,871
Non-Dual Eligible	\$199,409,818	67.2%	\$28,997
Adult	\$268,722,242	90.6%	\$19,038
Child	\$27,813,892	9.4%	\$29,464
Female	\$185,957,414	62.7%	\$18,392
Male	\$110,578,719	37.3%	\$22,348