

# ANALYSIS OF Sickle Cell Disease in Oklahoma's SoonerCare Program

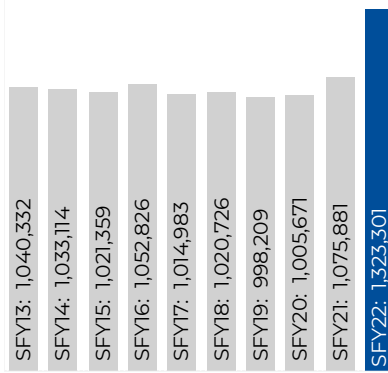


## SoonerCare Members

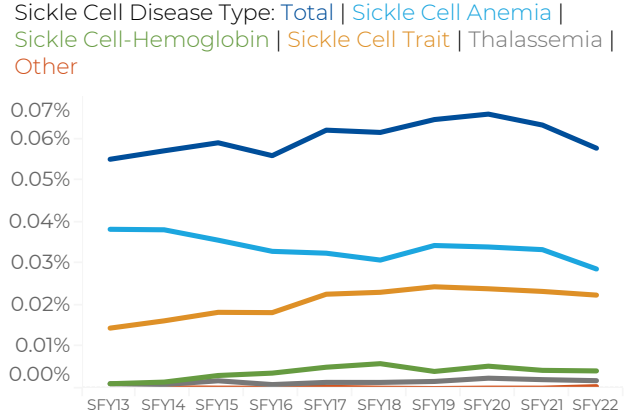
In SFY2022 there were 740 SoonerCare members diagnosed with sickle cell disease (SCD), up from 681 in SFY2021. The prevalence rate of SCD continues to remain below 0.1% of SoonerCare members.

The most common type of SCD was sickle cell anemia. This condition shows no special predominance by age.

Total SoonerCare Enrollment SFY2013 - SFY2022

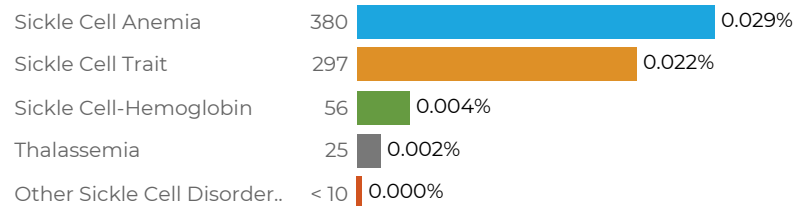


Sickle Cell Disease Prevalence Rates SFY2013 - SFY2022

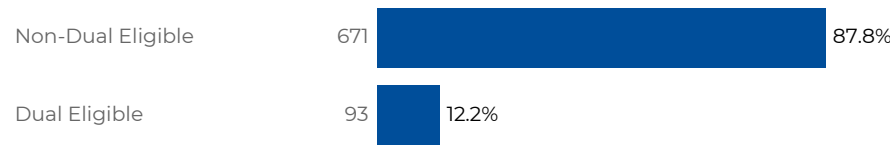


In SFY2022 there were **764** members with sickle cell disease, or **0.06%** of all members

Total Prevalence Rate of Sickle Cell Disease Type in SoonerCare Enrollment SFY2022



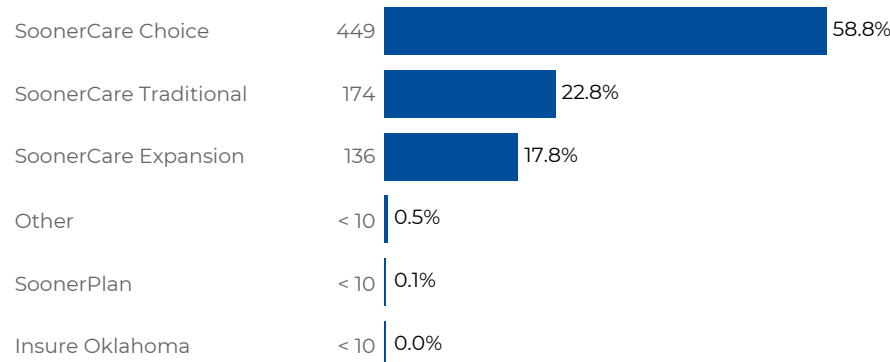
## Members with Sickle Cell Disease by Eligibility Type SFY2022



**87.8%** were Non-Dual Eligible  
671 members

*\*Dual Eligible: members enrolled in both Medicaid and Medicare*

## Members with Sickle Cell Disease by Delivery System SFY2022

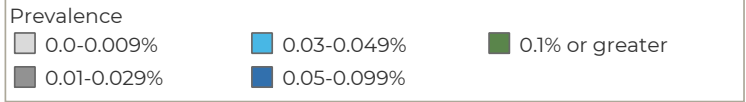


**58.8%** were enrolled in SoonerCare Choice  
449 members

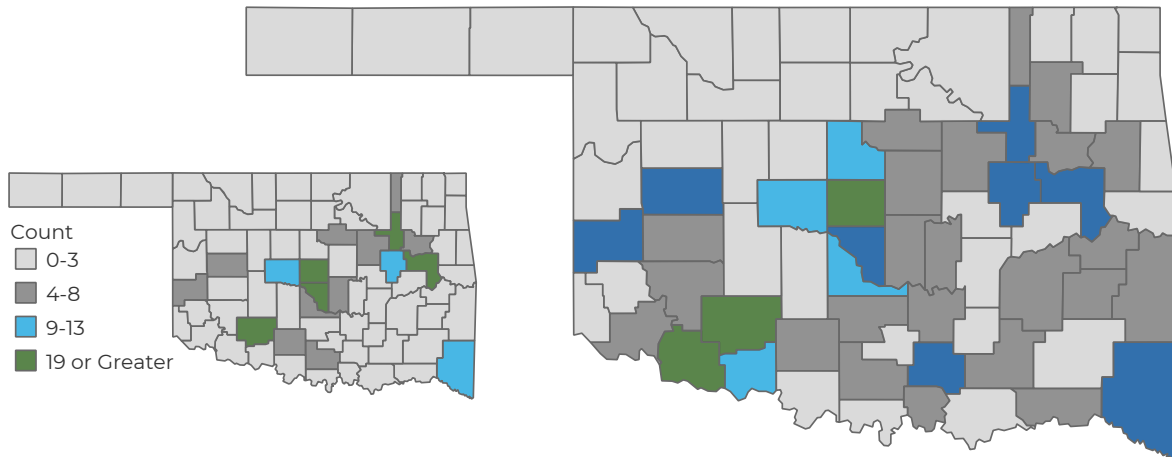
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## Prevalence Rates



We continue to see most cases of SCD among SoonerCare members near population centers, with the majority of counties having no cases of SCD.



## SoonerCare Members with Sickle Cell Disease

In SFY2022, sickle cell disease was more prevalent among females and Black or African Americans 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.

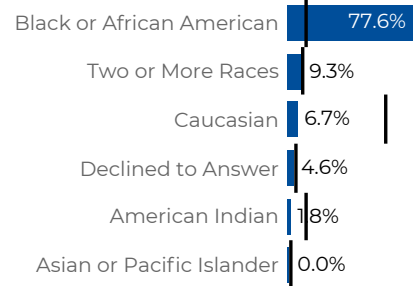
**54.2%**  
were children  
414 members



**60.2%**  
were female  
460 members



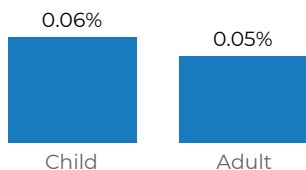
**77.6%**  
were Black or African American  
593 members



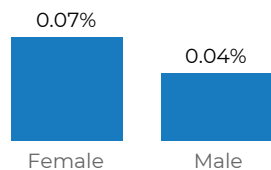
Demographics

## Prevalence Rates Among SoonerCare Members

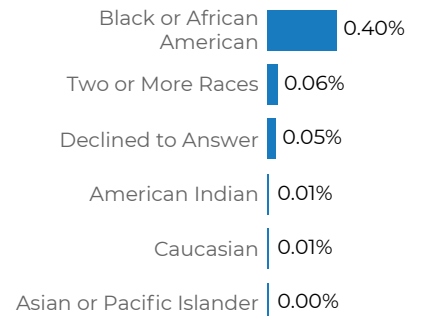
**0.06%**  
of all child members had sickle cell disease



**0.07%**  
of all female members had sickle cell disease



**0.40%**  
of all Black or African American members had sickle cell disease



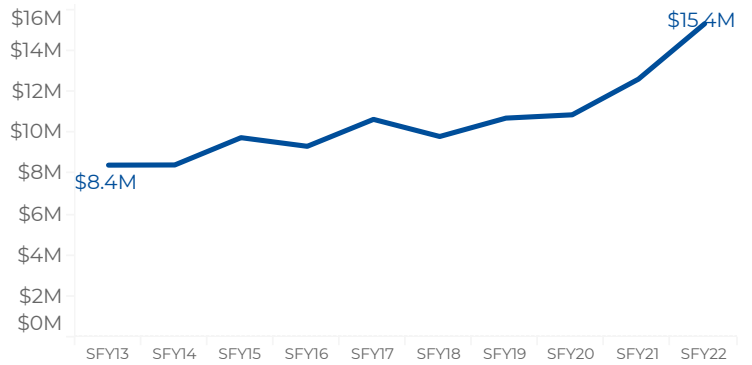
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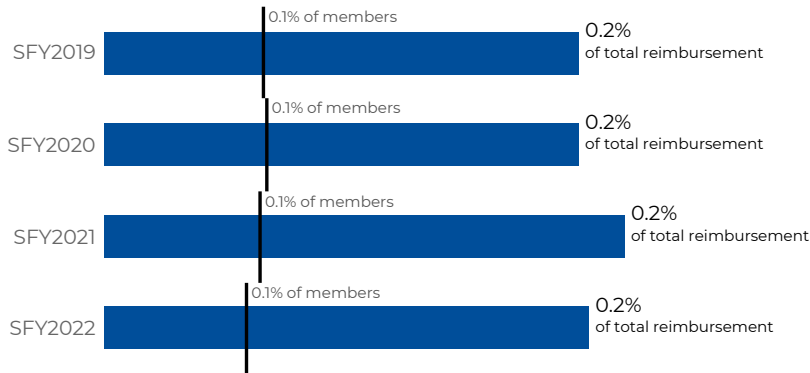
## Reimbursement Cost

The total reimbursement for services rendered for members with SCD increased from \$12,640,525 in SFY2021 to \$15,352,862 in SFY2022, continuing a recent upward trend. Despite only 0.1% of SoonerCare members having been diagnosed with SCD, in SFY2022 the total reimbursement for members with SCD made up 0.2% of all reimbursements paid that year.

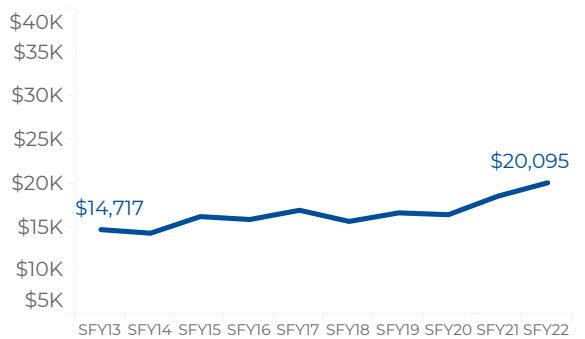
Annual Reimbursement for Members with Sickle Cell Disease SFY2013 - SFY2022



SoonerCare Members with Sickle Cell Disease: **Percent of Total Reimbursement** Compared to Percent of Total SoonerCare Enrollment



Average Reimbursement per Member with Sickle Cell Disease SFY2013 - SFY2022



**\$15,352,862**

Total reimbursement for members with sickle cell disease

**\$20,095**

Average reimbursement for members with sickle cell disease

	Total Reimbursement	% of Total Reimbursement	Reimbursement per Member
Dual Eligible	\$1,575,673	10.3%	\$16,943
Non-Dual Eligible	\$13,777,189	89.7%	\$20,532
Adult	\$8,257,830	53.8%	\$23,594
Child	\$7,095,031	46.2%	\$17,138
Female	\$8,604,323	56.0%	\$18,705
Male	\$6,748,539	44.0%	\$22,199