

ANALYSIS OF Sickle Cell Disease in Oklahoma's SoonerCare Program

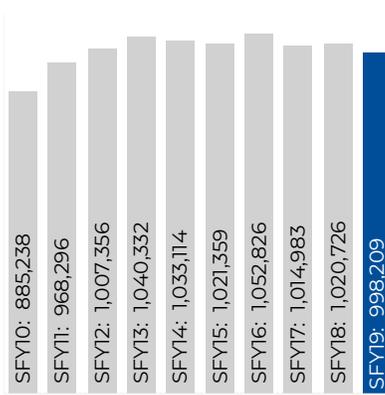


SoonerCare Members

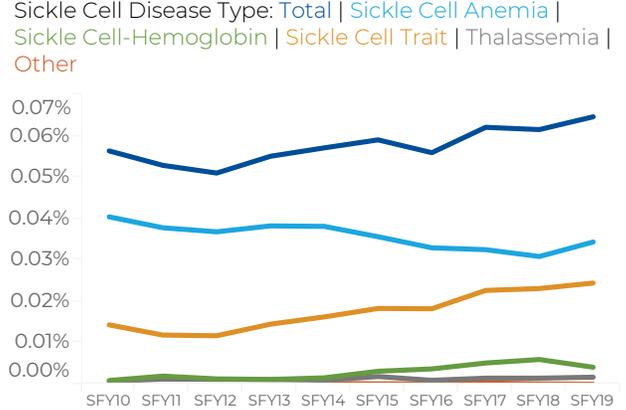
In SFY2019 there were 645 SoonerCare members diagnosed with sickle cell disease (SCD). The prevalence rate of SCD continues to remain below 0.1% of SoonerCare members. The prevalence rate in SFY2019 was 0.06%.

The most common type of SCD was sickle cell anemia.

Total SoonerCare Enrollment SFY2010 - SFY2019

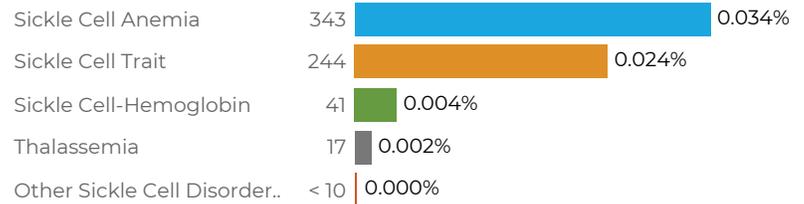


Sickle Cell Disease Prevalence Rates SFY2010 - SFY2019



In SFY2019 there were **645** members with sickle cell disease, or **0.06%** of all members

Total Prevalence Rate of Sickle Cell Disease Type in SoonerCare Enrollment SFY2019



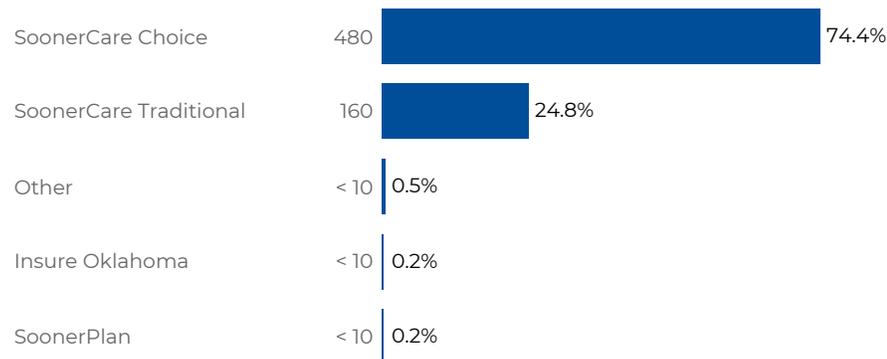
Members with Sickle Cell Disease by Eligibility Type SFY2019



84.5% were Non-Dual Eligible
545 members

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

Members with Sickle Cell Disease by Delivery System SFY2019

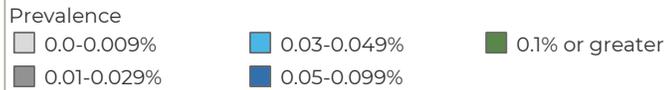


74.4% were enrolled in
SoonerCare Choice
480 members

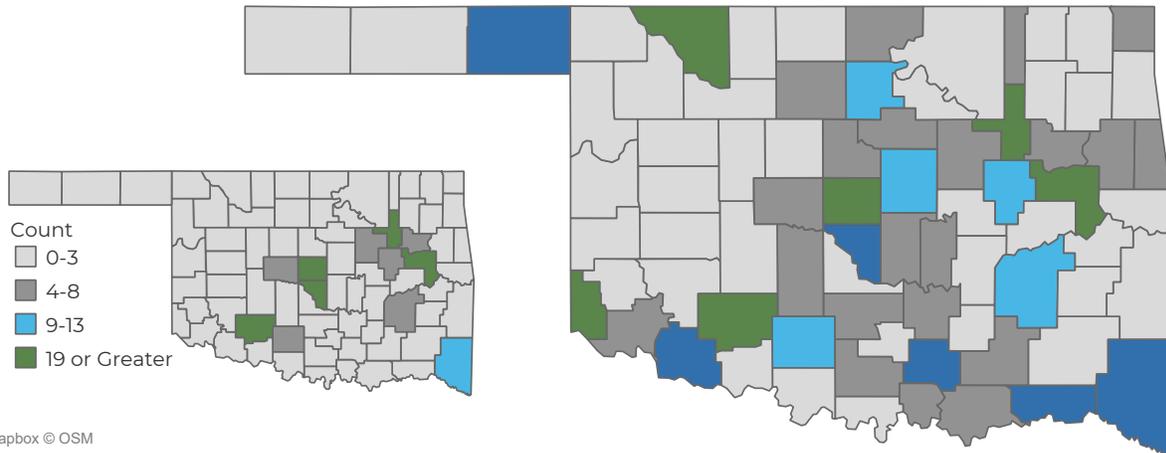
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Prevalence Rates



In SFY2019, SCD was absent among SoonerCare members in 37 counties. Woods (0.13%), Muskogee (0.13%), Oklahoma (0.13%), Tulsa (0.12%), Harmon (0.11%), and Comanche counties (0.10%) had the highest prevalence rate of SCD in SFY2019.

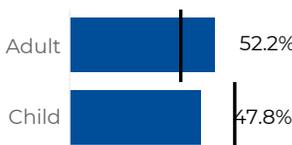


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SoonerCare Members with Sickle Cell Disease

In SFY2019, sickle cell disease was more prevalent among adults, 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.

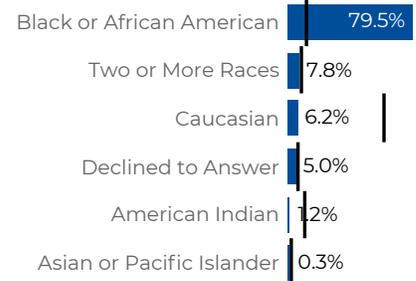
52.2%
were adults
337 members



64.3%
were female
415 members



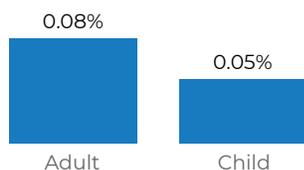
79.5%
were Black or African American
513 members



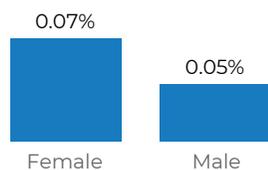
Demographics

Prevalence Rates Among SoonerCare Members

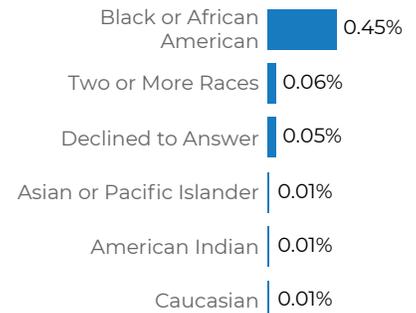
0.08%
of all adult members had sickle cell disease



0.07%
of all female members had sickle cell disease



0.45%
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 was \$10,733,553 in SFY2019. Despite only 0.06% of SoonerCare members having been diagnosed with SCD in SFY2019 the total reimbursement for members with SCD made up 0.19% of all reimbursements paid in SFY2019. The percent of total reimbursements for members with SCD remains disproportionate to its prevalence in the total SoonerCare population, this is further illustrated in the graph below.

The average reimbursement for adult members with SCD was 71.2% higher (\$20,767) than the average reimbursement for children members with SCD (\$12,127) in SFY2019.

Annual Reimbursement for Members with Sickle Cell Disease SFY2010 - SFY2019



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 SFY2010 - SFY2019



\$10,733,553

Total reimbursement for members with sickle cell disease

\$16,641

Average reimbursement for members with sickle cell disease

	Total Reimbursement	% of Total Reimbursement	Reimbursement per Member
Dual Eligible	\$1,052,896	9.8%	\$10,529
Non-Dual Eligible	\$9,680,657	90.2%	\$17,763
Adult	\$6,998,426	65.2%	\$20,767
Child	\$3,735,127	34.8%	\$12,127
Female	\$6,305,347	58.7%	\$15,194
Male	\$4,428,206	41.3%	\$19,253