

2023 NPCR MISSISSIPPI SUCCESS STORY

Deirdre B. Rogers, PhD, CTR; Amy Ellis

Improving Lung Cancer Screening and Outcomes Through the Mississippi Lung Cancer Roundtable

National Program of Cancer Registries SUCCESS STORY

SUMMARY

The Mississippi Cancer Registry is the population-based cancer registry serving a population of 2,966,786 (US Census Bureau, 2020). Lung cancer is the most frequently diagnosed cancer in Mississippi and the leading cause of cancer death (United States Cancer Statistics, 2020). If used based on clinical guidance, lung cancer screening can reduce the death rate (USPSTF, 2023). To increase uptake of lung cancer screening in Mississippi, the Mississippi Lung Cancer Roundtable was convened in 2022.

CHALLENGE

- Mississippi had the fourth highest lung cancer incidence rate and the third highest lung cancer mortality rate in the United States between 2016 and 2020.
- In 2021, Mississippi had one of the highest prevalence of current smoking in the United States.
- Between 2016 and 2020, 69.5% of lung cancers were diagnosed at an advanced stage of disease.

SOLUTION

- In 2022, the state established the Mississippi Lung Cancer Roundtable (MSLCRT) with the Mississippi Cancer Registry as one of the roundtable participants.
- The inaugural meeting was held November 10, 2022, with 148 roundtable members from across the state in attendance.
- A fully functioning steering committee and three workgroups (Recruitment, Engagement, and Outreach; Lung Cancer Screening; Tobacco Cessation and Treatment) formed and began working on issues affecting lung cancer screening.

RESULTS

- A statewide outreach and awareness campaign was launched to promote lung cancer screening with 11 billboards in eight cities with 1,120,883 daily impressions. The social media campaign resulted in more than 58,000 total impressions on X (formerly Twitter) and more than 592,000 total impressions on Facebook.
- In-person provider education presentations on tobacco cessation and lung cancer screenings reached more than 600 clinicians through the Community Health Center Association of Mississippi, the Mississippi Academy of Family Physicians, the University of Mississippi Medical Center, and Forrest General Hospital.
- MSLCRT launched “The Mississippi Lung Cancer Story” website to provide helpful information for patients and providers, stories of hope, and data which include United States Cancer Statistics data (website: MSLCRT Story Map EB (arcgis.com)).
- The MSLCRT realized that coverage under fee-for-service Medicaid and Managed Care Medicaid was not adequate and began an ongoing effort to increase coverage.

SUSTAINING SUCCESS

- The MSLCRT has grown to over 200 members and is working on a Patient’s Bill of Rights.
- Efforts to increase coverage through Medicaid continue. The Medicaid office is working with this group and the outlook is positive for changes.
- The Roundtable continues to work with providers to decrease barriers to success in their lung cancer screening programs.

STORY QUOTE

“The Roundtable allowed participants to participate in a non-judgmental setting to openly discuss previously unidentified unique challenges of African Americans and their caregivers during a cancer journey. Also being able to participate as an African American provider and prior caregiver with a majority Caucasian group gave me the opportunity to share my insights as well.”
– Jimmie Wells, MSN, RN, OCN Oncology Survivorship Navigator, Cancer Services, St. Dominic Jackson Memorial Hospital

REGISTRY CONTACT

<https://www.umc.edu/cancerinstitute/Cancer-Research/Cancer-Registries/Mississippi%20Cancer%20Registry/HOME-PAGE-CONTENT.html>

REFERENCES

U.S. Cancer Statistics Working Group. U.S. Cancer Statistics Data Visualizations Tool, based on 2022 submission data (1999-2020): U.S. Department of Health and Human Services, Centers for Disease Control and Prevention and National Cancer Institute; <https://www.cdc.gov/cancer/dataviz>, released in June 2023.



U.S. Department of Health and Human Services
Centers for Disease Control and Prevention