

2019 NPCR MISSISSIPPI SUCCESS STORY

Mississippi Cancer Registry: Deirdre Rogers, PhD, CTR, Director

Addressing the Burden of Colorectal Cancer in Mississippi

NATIONAL PROGRAM OF CANCER REGISTRIES SUCCESS STORY

SUMMARY: Mississippi has one of the highest incidence rates and the highest mortality rate from colorectal cancer in the United States. Additionally, Mississippi lags behind the nation in colorectal cancer screening. Because the data to show these issues exists, Mississippi was selected as one of six states to implement the National Association of Chronic Disease Directors (NACDD) State Engagement Model (StEM) to build on existing efforts in our state to address the high burden of colorectal cancer. An action plan was developed by stakeholders in Mississippi through these efforts during a meeting held on May 30, 2019.

CHALLENGE: According to *United States Cancer Statistics*, Mississippi had the second highest rate of colorectal cancer incidence in the United States in 2016 and had the highest rate of deaths.¹ Though incidence rates have declined over time, mortality rates have remained relatively constant.¹ According to screening data from *State Cancer Profiles*, Mississippi had the fourth lowest rate among U.S. states of colorectal cancer between the ages of 50 and 75 with 60.47% of Mississippians reporting being screened for colorectal cancer.³ Also, according to *State Cancer Profiles*, Mississippi had the highest rate of late stage colorectal cancer diagnoses in adults ages 50 and older among U.S. states in 2016.⁴ Data from the Mississippi Cancer Registry cancer-rates.info Website show that the rate of late stage disease has not seen any decrease over time.² Statewide partners came together for an initiative to increase the screening rates for colorectal cancer to 70% by the year 2020 and colorectal cancer is a focus of the Mississippi Partnership for Comprehensive Cancer Control in its statewide cancer plan. However, Mississippi still lags behind the rest of the country in colorectal cancer statistics.

SOLUTION: The Centers for Disease Control and Prevention partnered with the NACDD and Leavitt Partners, a health intelligence firm, to assist six states in their efforts to address colorectal cancer. Mississippi was selected based on the data showing the need to address colorectal cancer. Staff from the NACDD began the implementation of the State Engagement Model (StEM) with stakeholders from Mississippi. On May 30, 2019, they led a meeting of colorectal cancer stakeholders to develop a plan to address the need for increased colorectal cancer screening in Mississippi. The planning committee of Mississippi partners consisted of the Directors of the Mississippi Comprehensive Cancer Control Program, the Mississippi Breast and Cervical Early Detection Program, and the Mississippi Cancer Registry, as well as, a representative from the American Cancer Society. The meeting brought together stakeholders from public health, insurance, the state's only academic medical center, research, non-profits, and medical providers. The goal of the meeting was to inform the stakeholders of the data and what activities have been carried out in the state and to develop an action plan with buy-in from the participants for implementation.

RESULTS: There were 39 stakeholders in attendance at the meeting. The group heard the presentations on data and what had been done

to date to address the need. Then, the group broke into two groups to create action plans around "Increasing Access to Screening Services" and "Provider Delivery and Screening." To increase access to screening services, the group decided to focus on developing a competitive application for the Centers for Disease Control and Prevention Colorectal Cancer Control Program (CRCCP) funding in 2020. Also, the group plans to engage two to four health systems and/or health insurance plans to increase screening. Additionally, the group plans to develop a Colorectal Cancer Roundtable in Mississippi to address the burden in the state. This group will lead efforts to engage public and private, self-insured employers to increase colorectal cancer screening in their employees. Before the meeting ended, the stakeholders present had to identify other stakeholders that need to be involved, and they had to write their name or organization's name next to the objectives that they would work on in this plan.

SUSTAINING SUCCESS: NACDD will continue to support the implementation efforts and provide technical assistance to this process throughout the first year. The Mississippi Colorectal Roundtable will be the group to sustain the effort once it is formed. To assist in efforts that are already in place, the planning committee is planning on applying for CRCCP funds when the new funding opportunity announcement is available. The Mississippi Cancer Registry, together with the Mississippi Office of Vital Statistics, will continue to collect the data to monitor the progress towards increasing screening and decreasing incidence and mortality from colorectal cancer in Mississippi.

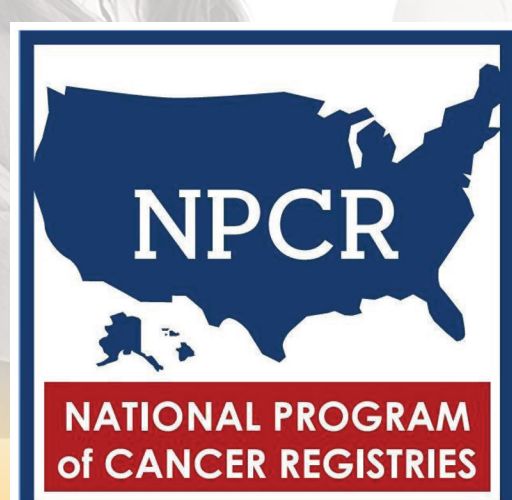
Sources:

1. U.S. Cancer Statistics Working Group. U.S. Cancer Statistics Data Visualizations Tool, based on November 2018 submission data (1999-2016): U.S. Department of Health and Human Services, Centers for Disease Control and Prevention and National Cancer Institute; www.cdc.gov/cancer/dataviz, June 2019.
2. *Age-Adjusted Cancer Incidence Rates by County in Mississippi, 2004 - 2016*. Based on data released Jan 2019. Cancer-Rates.info. Accessed on Oct 15, 2019. Mississippi Cancer Registry. <http://cancer-rates.info/ms/>
3. "FOBT in last year and/or flex sig in last 5 years and FOBT in last 3 years and/or colonoscopy in last 10 years, All Races (includes Hispanic), Both Sexes, Ages 50-75" Created by statecancerprofiles. cancer.gov on 10/15/2019 11:10 am.
4. "Incidence Rate Report by State, Colon & Rectum (Late Stage^), 2016, All Races (includes Hispanic), Both Sexes, Ages 50+" Created by statecancerprofiles. cancer.gov on 10/15/2019 11:12 am.

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