

## 2022 NPCR CANCER REGISTRY SUCCESS STORY

**CANCER REGISTRY NAME:** South Dakota Cancer Registry

**STORY FOCI:** Cancer Clinical Trials Dashboard

**STORY CATEGORY:** Public Health Impact

**STORY TITLE:** The South Dakota Cancer Registry Partners with The South Dakota Cancer Coalition to Develop a Cancer Clinical Trials Dashboard

**STORY AUTHORS:** Laura Gudgeon, MS, Chronic Disease Epidemiologist

**SUMMARY:** The South Dakota (SD) Cancer Coalition developed the 2021-2025 SD Cancer Plan to provide a framework for action with evidence-based strategies to reduce the burden of cancer. A priority of the plan is to increase cancer clinical trial participation in the state. To evaluate this participation, the South Dakota Cancer Registry (SDCR) began collecting data on the accrual of cancer clinical trials in 2013, with the last year of collection in 2020. Eight cancer centers in the state voluntarily provided this data to the SDCR with indicators specific to study type, accrual rate, and caseload total. The SD Comprehensive Cancer Control Program (SDCCCP) created a dashboard on the SD Cancer Coalition website to analyze trends and comparisons in clinical trial enrollment.

**CHALLENGE:** The SDCCCP established a dashboard to explore progress for *Priority 10: Increase Participation in Cancer Clinical Trials* in the 2021-2025 SD Cancer Plan. The objective specific to this priority is to, 'Increase the percentage of South Dakota cancer patients who report participating in a clinical trial as part of their cancer treatment from 4.2% to 4.6% by 2025'. To support this objective, there are five strategies that the SDCCCP apply in the state. Two identifiable strategies that further emphasize this objective and its association with the dashboard are to 'Increase public awareness, education and resource promotion' and to 'Conduct data collection and reporting regarding cancer clinical trial participation in SD'. [Click here](#) to access the Cancer Clinical Trials Dashboard and [click here](#) to access the 2021-2025 SD Cancer Plan.

**SOLUTION:** The SDCR obtained data on cancer clinical trials annually from 2013-2020 from participating cancer centers in the state. The participating cancer centers included Sanford Cancer Center in Sioux Falls, Monument Health Cancer Care Institute in Rapid City, Prairie Lakes Cancer Center in Watertown, and Avera Cancer Institute with locations in Aberdeen, Mitchell, Pierre, Yankton, and Sioux Falls. There was 100% voluntary participation from the named cancer centers for all eight years. The SDCR commonly interacts with these cancer centers to complete quality data collection from cancer cases and treatments for use in research and epidemiology. In addition to this data, the SDCR had made the commitment to ensure that data obtained on clinical trials was also comprehensive, confidential, and secure.

**RESULTS:** The dashboard provides individual tabs that include a map of the eight cancer centers, age-adjusted incidence and mortality cancer rates, trends in accrual versus the caseload total, trends in the overall accrual rate, and trends in the accrual percent by study type. From 2013-2020, the overall

growth of all studies combined in clinical trial accrual was 5%. From 2013-2020, the compound annual growth rate (CAGR) for the analytic caseload total was 1.2%. The dashboard concludes with a tab that provides additional resources on clinical trial information.

**SUSTAINING SUCCESS:** South Dakota promotes clinical trial participation for cancer treatment and cancer prevention. The SD Department of Health continues to collaborate with cancer centers and organizations in the state to ensure that opportunities are available to cancer patients when there is interest in clinical trials. The Cancer Clinical Trials Dashboard is available on the SD Cancer Coalition website and provides data visualizations for use by health care professionals and the general public.

**REGISTRY CONTACT INFORMATION:**

Kay Dosch, MA, CTR, SD Cancer Registry Coordinator

Email: [Kay.Dosch@state.sd.us](mailto:Kay.Dosch@state.sd.us)

Website: [SD Cancer Registry](#)