

2025 SOUTH DAKOTA CANCER REGISTRY NPCR SUCCESS STORY

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DATA EXCHANGE WITH THE MINNESOTA CANCER REPORTING SYSTEM AND MAYO CLINIC REPORTING

SUMMARY

The South Dakota Cancer Registry (SDCR) has collected data and reported on cancer incidence in South Dakota since 2001. Since that time, the SDCR has entered into interstate data exchange agreements with neighboring states and beyond. This ensures complete surveillance by sending records of non-residents to their home state's central cancer registry. The aim is to improve data quality, completeness, and timeliness regardless of where cancer patients are diagnosed and/or treated. The Minnesota Cancer Reporting System (MCRS) is the central cancer registry for the state of Minnesota and Minnesota state law precluded them from participating in an interstate data exchange until the law revision which became effective in 2025. The SDCR entered into an interstate data exchange agreement with the MCRS in 2025. The mutually beneficial data exchange was completed with the 2023 and 2024 cases. However, no Mayo Clinic cases were received by the SDCR since Mayo Clinic did not report the South Dakota cases to the MCRS. The SDCR contacted Mayo Clinic directly and they agreed to report the South Dakota cases to the MCRS. The MCRS then forwarded the South Dakota cancer cases to the SDCR.



CHALLENGE

- The shared state border between western Minnesota and eastern South Dakota is approximately 170 miles in length.
- The medical providers between the two states of Minnesota and South Dakota frequently share cancer patients.
- Many South Dakota cancer patients seek medical care at the world-renowned Mayo Clinic which is in Rochester, Minnesota.
- Mayo Clinic did not report South Dakota cancer cases to the central cancer registry in Minnesota.
- Minnesota state law precluded the central cancer registry in Minnesota from participating in an interstate data exchange.

SOLUTION

- The Minnesota state law was changed to allow for interstate data exchanges.
- The MCRS and the SDCR completed a data use agreement (DUA) to allow for the sharing of data.
- The MCRS and the SDCR completed the first interstate data exchange of cancer data between the two states.
- The SDCR received 43 cancer cases diagnosed in 2023 and 2024; however, no Mayo Clinic cases were included.
- The SDCR requested for Mayo Clinic to send the South Dakota cases to the MCRS to be forwarded to the SDCR. This solution was acceptable to the MCRS and Mayo Clinic.

RESULTS

- The DUA was established, and data exchanges were completed between the MCRS and the SDCR.
- The South Dakota 2023 and 2024 Mayo Clinic cancer cases were reported to the MCRS.
- The MCRS forwarded the 370 cases to the SDCR.
- There were 208 cancer cases of the shared 370 cases that were new cancer cases for the SDCR that would have been unreported without this action.
- The South Dakota cancer cases reported from Mayo Clinic were included in the December 2025 national calls for data to CDC's National Program of Cancer Registries and the North American Association of Central Cancer Registries.
- This results in improved cancer data quality, completeness, and timeliness for Minnesota and South Dakota.

SUSTAINING SUCCESS

- The regular data exchanges between MCRS and the SDCR will continue.
- The South Dakota Cancer Registry will continue to maintain the partner relationship established with Mayo Clinic.



REGISTRY CONTACT

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<https://www.getscreenedsd.org/sdcr>