2023 NPCR NEVADA SUCCESS STORY

Aundrea Ogushi

Data Empowerment: NCCR's Cancer Dashboard

National Program of Cancer Registries
SUCCESS STORY

SUMMARY

The Nevada Central Cancer Registry (NCCR) has accomplished a major achievement this year by successfully completing the development and launch of the Monitoring Cancer Incidence and Mortality in Nevada Dashboard. The final dashboard was made public in August 2023, providing a vital tool for monitoring and analyzing the current situation and trends of cancer incidence and mortality in Nevada.

CHALLENGE

- **Limited Data Accessibility:** Data access for health care professionals, researchers, policymakers, and the public has been limited. There has been a significant delay in Nevada cancer data accessibility, especially in recent years, due to the challenges NCCR has encountered with meeting data quality standards for inclusion in United States Cancer Statistics (USCS). Real-time monitoring is not an option as there is naturally a delay between diagnosing and reporting final cases.

- **Resource Constraints and Inefficiencies**: NCCR experienced resource limitations in terms of funding and staff supporting ongoing public data requests. NCCR works collaboratively with the Department of Health and Human Services Office of Analytics to support ongoing data requests made regarding cancer data; however, during periods where NCCR has experienced staff vacancies, fulfilling these requests efficiently proved difficult. For example, when NCCR did not have their Biostatistician position filled to complete these requests, the registry needed to rely on multiple analysts not well-versed in cancer data collection and reporting procedures to fulfill data requests. This resulted in delayed fulfillment of requests.

- **Delays in Dashboard Development**: NCCR experienced significant delays in the final development and implementation of the dashboard due to staff turnover, including the absence of the NCCR biostatistician for almost a year. Other competing priorities, including Call for Data-related activities, took precedence. Extending the timeline for this project was necessary to determine the proper functions to include on the dashboard and develop a product that would be functional, user-friendly, and support the need for data accessibility.

SOLUTION

- NCCR, with the support of the Department of Health and Human Services, Office of Analytics, introduced a user-friendly, web-based Cancer Dashboard to consolidate and provide access to cancer incidence and mortality data. The Dashboard analyzes the status and trends of cancer incidence and mortality in Nevada. Data are displayed for each county and each cancer grouping. It also provides a breakdown of demographic information for cancer incidence and mortality, including age groups, sex, and race/ethnicity.

- Implementing the Cancer Dashboard was a multifaceted solution that addressed NCCR's challenges by centralizing data, promoting accessibility, and empowering partners.

RESULTS

- Dashboard Implementation: The Cancer Dashboard was successfully launched in August of 2023, enabling instant access to comprehensive cancer data for interested parties.

- Collaborative Effort: The Office of Analytics and the NCCR collaborated on the dashboard's development and successful implementation.

- Enhanced Decision-Making: The dashboard has facilitated more informed data-driven cancer prevention and control decisions.

- Data Requests: The dashboard has minimized the number of data requests NCCR receives from the public.

- Lessons Learned: The success emphasized the significance of collaboration, user-centered design, and the need for accessible, real-time data.

SUSTAINING SUCCESS

- NCCR intends to maintain and enhance the dashboard's features while ensuring data accuracy and availability.

- By continuing to work collaboratively with the Biostatistician and Office of Analytics, NCCR plans to support future enhancements to align with changing data needs.

- NCCR's Biostatistician performs regular updates and maintenance on the Cancer Dashboard to ensure the most up-to-date data are available and ensure we address any challenges that would prevent the public from having a smooth user experience.
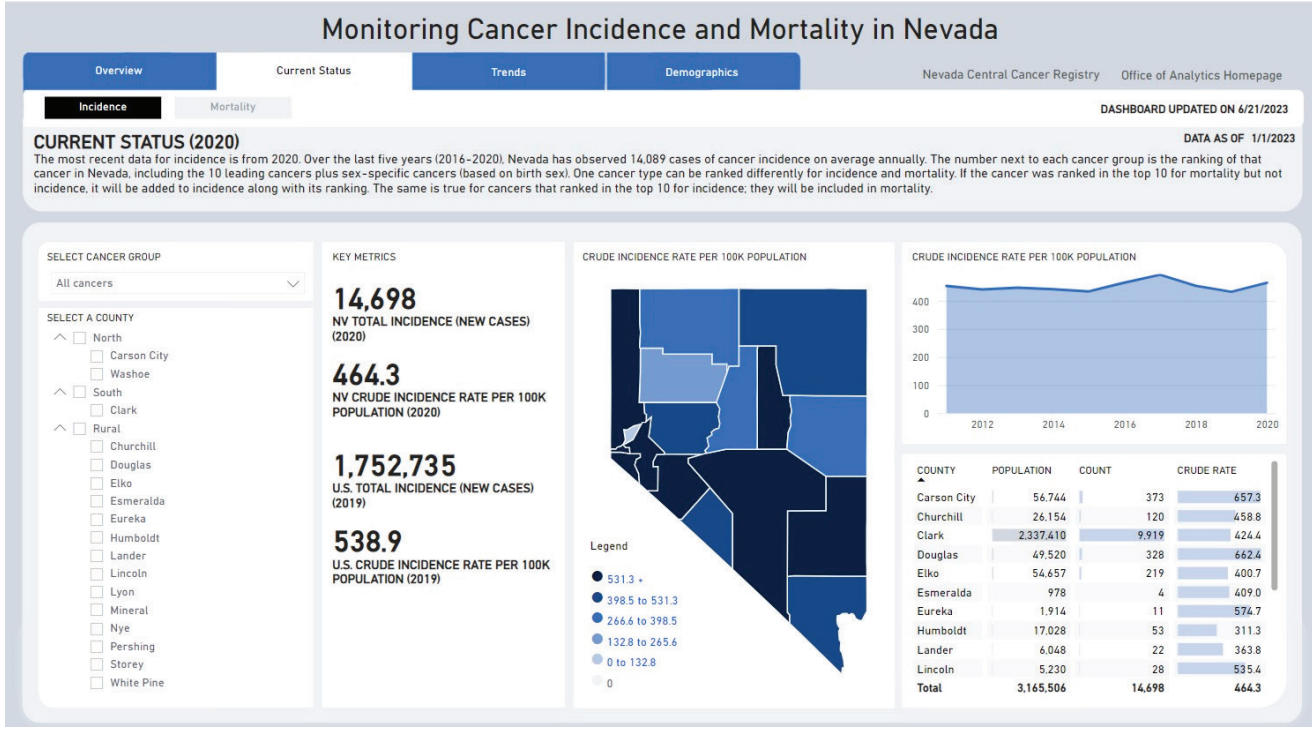
STORY QUOTE

"The Cancer Dashboard is a crucial tool that the state has secured to ensure that cancer data in Nevada remains accessible to the public. This commitment to data accessibility is unwavering, and it is a game-changer as it ensures that the information is available to everyone."
– Aundrea Ogushi

REGISTRY CONTACTS

Nevada Central Cancer Registry (NCCR)
https://dpbh.nv.gov/Programs/NCCR/Nevada_Central_Cancer_Registry_(NCCR)_-Home/

Link to the Cancer Dashboard
**https://app.powerbigov.us/view?r=eyJrIj
oiN2U0NWUzMjQtYmZkOS00NTAyLTg4YWI
tZTA0Mzk1MTY2ZDRIIiwidCI6ImU0YTM0MGU2LW
I40WUtNGU2OC04ZWFhLTE1NDRkMjcwMzk4MCJ9**

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Health and Human Services**
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