



South Carolina Breast and Cervical Cancer Data in Action



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Where We're Going



- Introduction to South Carolina (SC) Cancer Programs
- **Issue:** Utilization of Cancer Data in Public Health Programming
- **Project:** Data Linkages
- **Lessons Learned:** Data in Action

South Carolina's Federally Funded Cancer Programs



SC Central Cancer
Registry (SCCCR)



Best Chance
Network (BCN)



SC Comprehensive
Cancer Control
Program (SC CCCP)

Best Chance Network (BCN)



- The Best Chance Network (BCN) is South Carolina's breast and cervical cancer early detection program.
- Provides no-cost, breast and cervical cancer screenings to South Carolina women who qualify.
- Serves 15,000 women each year.
- Works with 466 SC medical providers.



South Carolina Central Cancer Registry (SCCCR)

- Provides official cancer statistics for the state of South Carolina.
- Annually collects data on approximately 32,000 cancer cases and reviews 28,000 abstracts sent from health care facilities in South Carolina.
- Assists the public by providing cancer data and conducting community cancer cluster assessments.
- The SCCCR has been consistently awarded with Registry of Distinction and Gold Certification designations over the years.

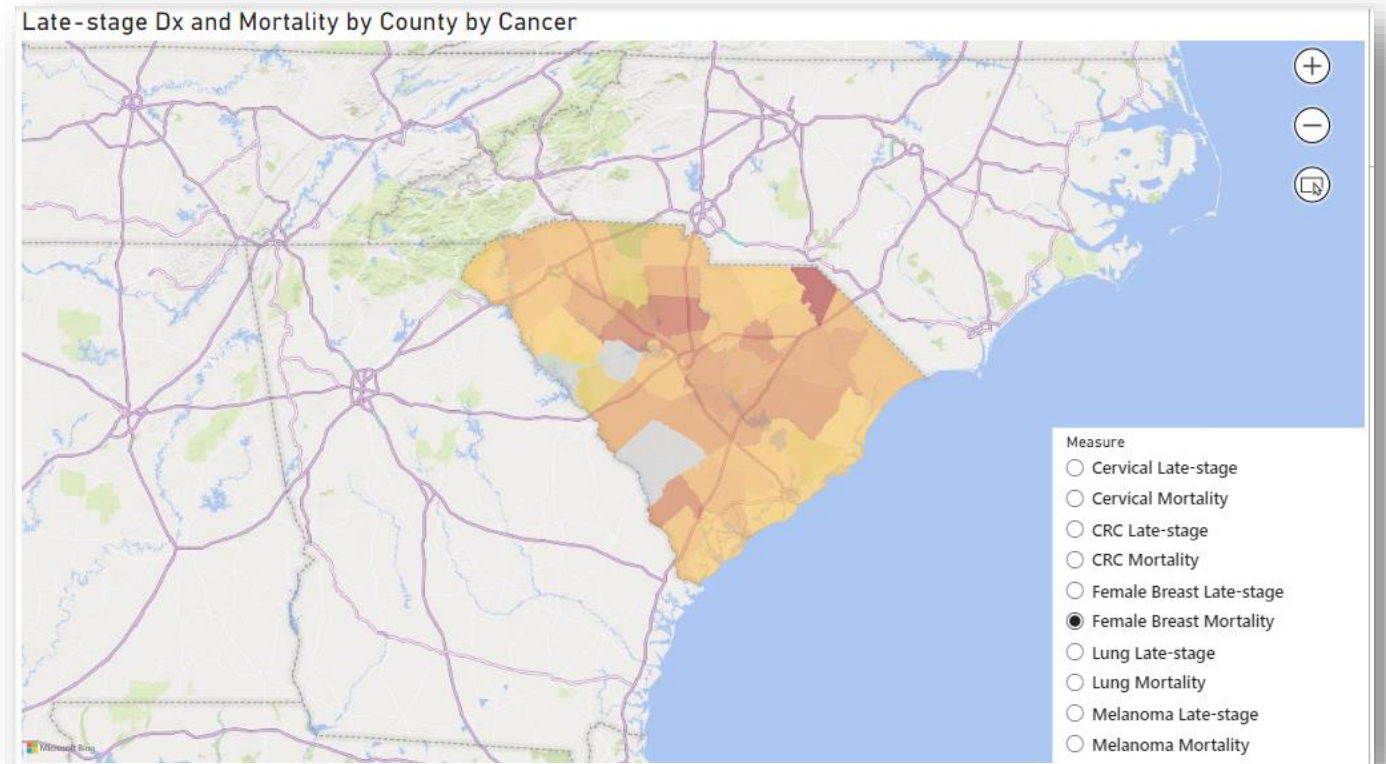


SC Comprehensive Cancer Control Program

- Brings together organizations that have an interest in keeping South Carolinians healthy.
- Works to create plans that help lower the number of people affected by cancer.
- Focuses on the types of cancer unique to South Carolina that have the highest burden.
- Include strategies that have worked in other places to help prevent and control those cancers.

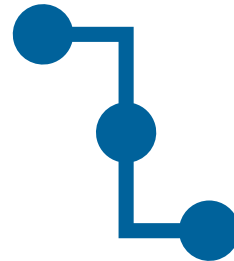
Issue:

- NBCCEDP (National Breast and Cervical Cancer Early Detection Program)– Screening Data for Breast and Cervical Cancer Early Detection
- Registry data – Census of All Cancer Cases, Incidence and Mortality Data



Project: Data Linkages – BCN Cases Sent to SCCCR

- BCN sends breast and cervical cancer patient identifiers to SCCCR twice a year to confirm final diagnosis and acquire standardized cancer stage data.



- SCCCR runs data linkages with the most recent cancer data and shares the linkage results with BCN.



Project: Data Linkages – SCCCR Links to Known Cases (Matched Cases)

- BCN imports the matched cases data into its database and updates data on Diagnosis Dates, Summary Stages, and AJCC Stage Groups.
- SCCCR updates its database to reflect that the patients were seen through the BCN.

Project: Data Linkages – SCCCR Traces Unmatched Cases

- BCN sends additional provider data back to SCCCR for the unmatched cases.
- SCCCR conducts case finding activities by contacting providers involved in the unmatched cases and retrieves data.

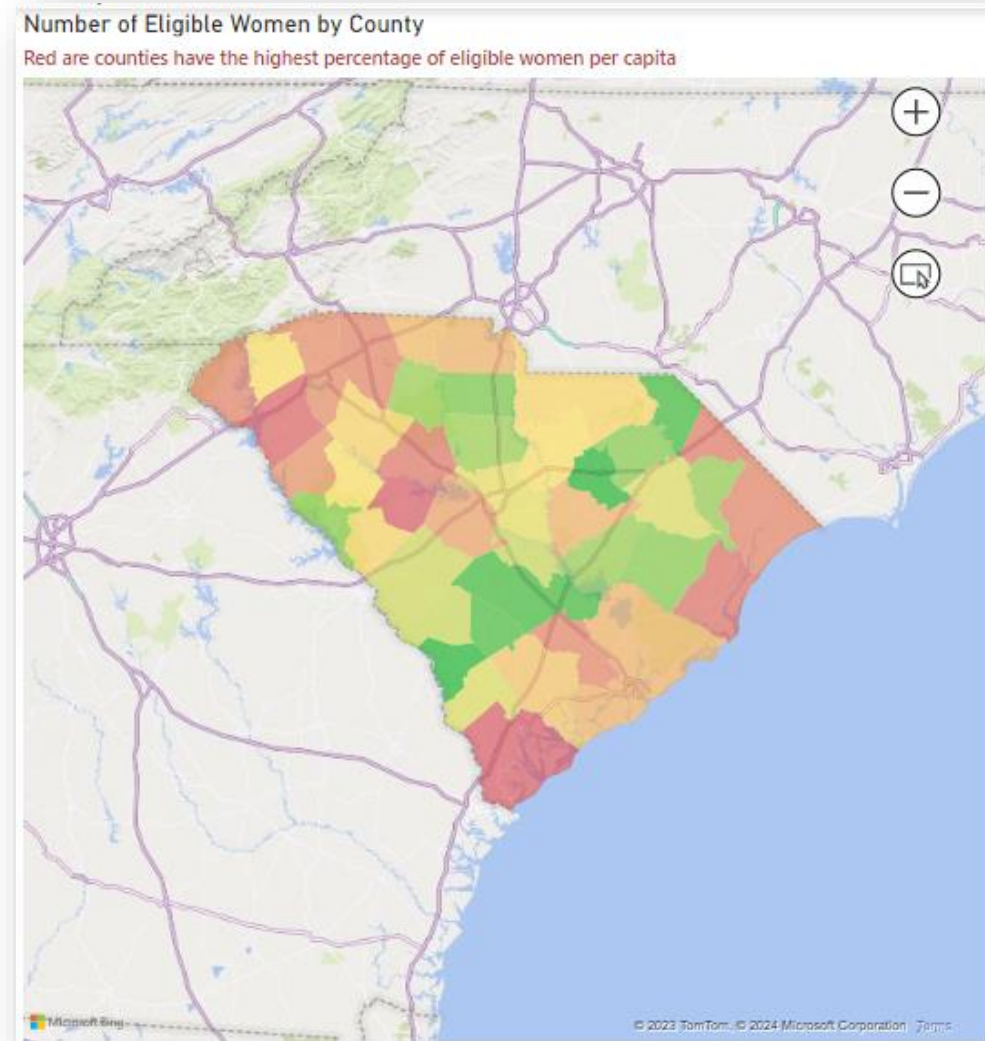


Lessons Learned: BCN Planning Using SCCCR Data

As required by CDC and the NBCCEDP, semi-annual data updates are performed.

Areas of improvement are identified based on (among others):

- Race
- Rurality
- County of residence



Lessons Learned: Comp Cancer Planning Using SCCCR Data & Mobile Mammography Screening

- Identified Trends and Patterns
- Tailored Workplace Wellness Programs
- Employee Health Assessments
- Targeting High-Risk Groups



Lessons Learned: Men's Health Institute

- Identified Cancer Incidence Rates
- Late-stage Diagnoses
- Disparities in Screening Rates

Men's Health Institute – June 2023



Planned Use of SCCCR Data: Looking Forward to Project ECHO (Extension for Community Healthcare Outcomes)

- Training and Education
- Telementoring (relationship building)
- Needs Assessment
- Quality Improvement Initiatives



For more information visit
ProjectECHO@dhec.sc.gov

Summary



South Carolina uses SCCCR data to determine frequency and rate of cancer incidence and mortality in a defined area or population subgroup. The data are Comparison of SC cancer trends to national patterns over time.

One approach to ensure data quality assurance is the linkage that takes place between BCN and SCCCR. While the primary objective is to fulfill CDC's requirement to acquire SCCCR fields in the BCN data, another benefit is to ensure missing cancer cases in the SCCCR are identified. This helps to identify where disparities may lie and increase cancer screening in those areas. Three examples of this in action are Mobile Mammography Planning, Men's Health Institute, and Project ECHO.



South Carolina Department of Health and Environmental Control
Healthy People. Healthy Communities.

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