

The 2008-2009 North Dakota Colorectal Cancer Screening Pilot Project

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Colorectal Cancer in North Dakota

- 2,356 North Dakotans were living with colorectal cancer in 2004
- Approximate cost of colorectal cancer treatment in 2004 for North Dakotans was 18.5 million dollars

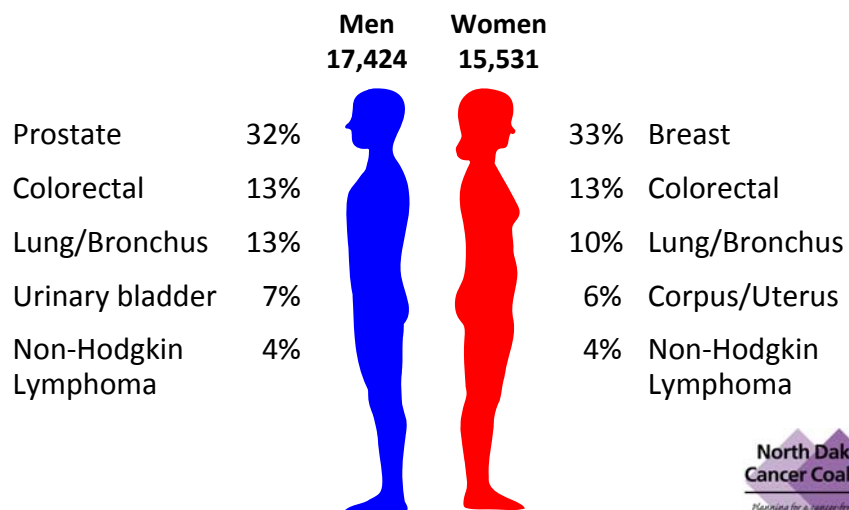


Colorectal Cancer in North Dakota

The second most common cancer
diagnosed annually
422 new cases in N.D. each year



North Dakota Cancer Cases 1997-2006

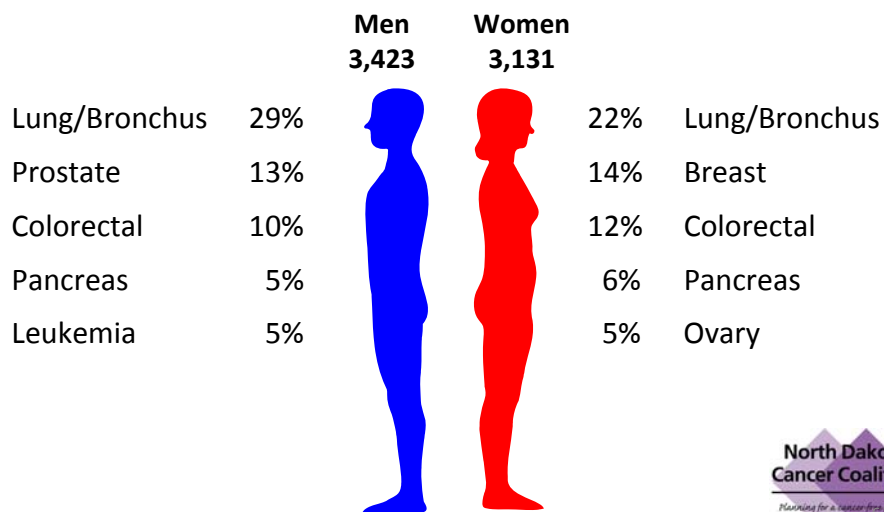


Colorectal Cancer In North Dakota

The third leading cause
of cancer deaths



North Dakota Cancer Deaths 2002-2006



Colorectal Cancer

- Less than 50% of people ages 50 through 64 receive colorectal cancer screening
- The five-year relative survival rate for people whose colon cancer is treated in an early stage is greater than 90 percent. Unfortunately, only 39 percent of colon cancers are found at that early stage

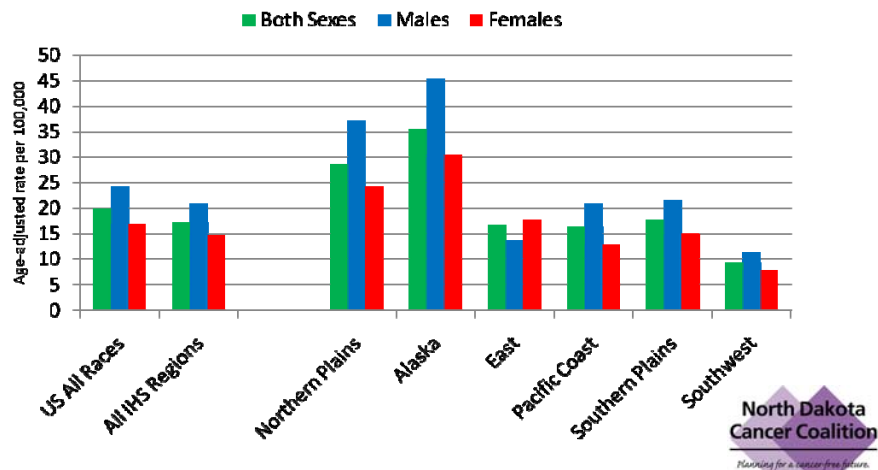


Colorectal Cancer for Northern Plains American Indians

- Northern Plains American Indians have the second highest death rate for colorectal cancer in the IHS regions throughout the nation



Colorectal Cancer Mortality Rates, IHS Regions and U.S. All Races, 1999-2003



North Dakota Legislature Authorizes Funding for a Colorectal Cancer Screening Pilot Project

- \$200,000 appropriated during the 2007 legislative session for one pilot project for the July 2007- June 2009 biennium
- North Dakota Department of Health provides project support and supervision
- North Dakota Cancer Coalition oversees the project

Advisory Committees

- Two Advisory committees for the project
 - North Dakota Cancer Coalition advisory committee provides program management oversight
 - Medical Advisory Committee provides medical management oversight
 - General Practice
 - Colorectal Surgeon
 - Gastroenterologist
 - Pathologist



Target Population

- Ages 50 through 64
- Low income
- Underinsured/un-insured
- Reside in a county with a total population of 15,000 or less
- Serve area American Indian population



The Granting Process

- Identified potentially eligible healthcare facilities in the state
 - Must be located in a county with a population of 15,000 or less and a large American Indian population
 - Serve or have the potential to serve area American Indian population
 - Provide colonoscopy screening
- Request for grant proposal sent to potentially eligible healthcare facilities 11-21-2007



Grant Award January 2008

- Three interested facilities
- Two facilities submitted proposals
- Heart of America Medical Center in Rugby, North Dakota awarded the grant
- Program development – January through March
- Began enrolling people into the program in April 2008



Location of Grant Services



North Dakota
Cancer Coalition
Planning for a cancer-free future.

Services Provided



- Take home stool test (iFOB) for enrollees who are at unknown or normal risk
 - (one stool sample only)
- Screening colonoscopy for enrollees at known risk

North Dakota
Cancer Coalition
Planning for a cancer-free future.

Services Provided

- Diagnostic colonoscopy for positive stool card test results
- Enrollee and their primary provider notified of test results
- Assist with finding financial support for treatment if needed



Enrollment

- Enrollment can occur in a variety of ways
 - In person
 - Phone
 - At an area clinic



Collaboration with Quentin Burdick Memorial Hospital and Turtle Mountain Tribal Health

- First meeting to discuss the pilot project and partnership was in March 2008
 - IHS staff
 - Tribal Health Staff
 - Aberdeen Area Tribal Chairman's Health Board Staff from the Comp. Cancer program
 - North Dakota Comp. Cancer staff
 - Heart of America Medical Center staff
 - Spirit of Eagles staff
- June 2008 process in place for enrollment and screening



Advertising for the Pilot Project

- Local radio PSA's
- Local newspaper
- Tribal Health staff and IHS staff informing patients about the pilot project
- Word of mouth



How Screening Services are Provided

- Potentially eligible people are screened for eligibility by IHS staff
- Referred to Heart of America Medical Center while at the IHS facility
- Phone enrollment is completed while at IHS
- Consent forms and release of information is signed while at IHS
- Type of screening is determined



How Screening Services are Provided

- Patients at unknown or normal risk
 - iFOBT kit is mailed to the patient
 - Instructions are provided over the phone on sample collection
 - Sample is mailed to Heart of America Medical Center
 - A letter is mailed to the patient and their primary care doctor with the results



How Screening Services are Provided

- Patients with known risk
 - An appointment to see the surgeon at Heart of America Medical Center in Rugby is scheduled
 - Pre-op appointment is completed and colonoscopy scheduled in Rugby
 - Colonoscopy procedure is completed
 - letter regarding results is sent to the patient and their primary care doctor



Follow-up and Treatment

- Diagnostic colonoscopy is paid by pilot project funds if patient has a positive iFOBT
- Patients enrolled in the pilot project through Quentin Burdick Memorial Hospital will be referred back to IHS for assistance in covering the cost of further treatment if needed
- Uninsured self-referred patients provided with available resource information for reduced fee treatment services in the area



Cost Savings to Quentin Burdick Memorial Hospital

- Screening/Diagnostic costs for enrollees covered by the pilot project
 - iFOBT costs (average \$50 and higher)
 - Colonoscopy cost (averages \$2,500 to \$5,000)
 - Prep for colonoscopy
 - Surgeon fee
 - Operating room fee
 - Anesthesia
 - All biopsies if taken during colonoscopy procedure
- Reduces cancer treatment costs
 - Removal of the polyp/s with colonoscopy procedure often is the only treatment needed



What We Have Learned Thus Far

- Takes time to get a new program going
- More people need to learn about the service so they can participate in the screening program
- Need to make enrollment process as easy as possible
- Transportation to Rugby for the pre-op appointment and a second trip for the colonoscopy is difficult for some participants



Future Plans to Support the Pilot Project

- Spirit of Eagles Partnership Coordinator exploring possibility of transportation assistance to Rugby
- Request state legislative to re-fund pilot project for next biennium



Contact Information for the Pilot Project

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