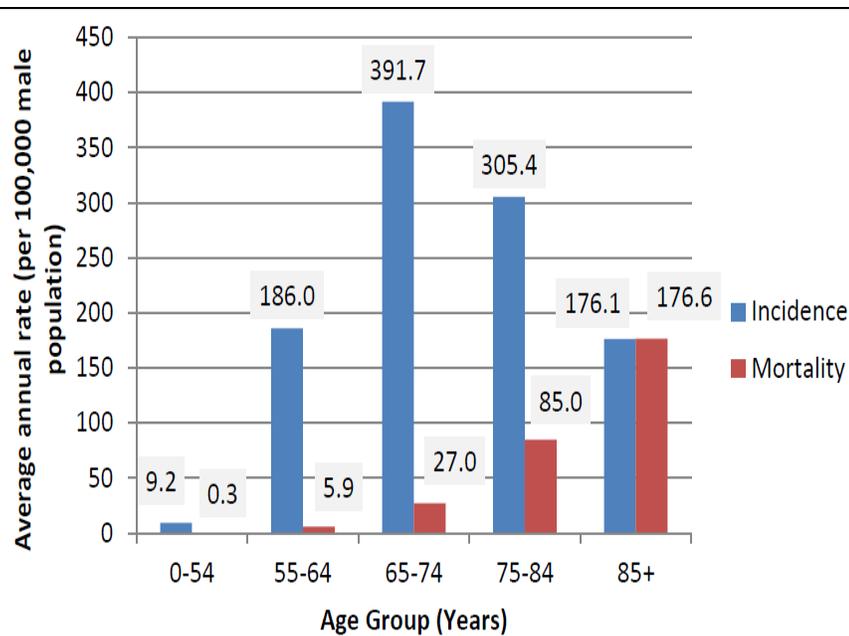




Prostate Cancer in Nebraska

Figure 1. Prostate Cancer Incidence and Mortality by Age Group, Nebraska (2006-2010)



Nebraska Prostate Cancer Quick Facts:

- During the past 5 years (2006-2010), 6,424 Nebraska men were diagnosed with prostate cancer, while 931 Nebraska men died from it.
- The rate at which prostate cancer occurs (incidence) peaks between 65-74 years of age and then declines. Prostate cancer deaths (mortality) increase steadily with age. (Figure 1).
- During the past decade (2000-2010), prostate cancer incidence and mortality have fallen significantly, both in Nebraska and nationwide (Figures 2-3).
- Prostate cancer incidence and mortality rates in Nebraska are similar to U.S. rates (Figures 2-3).

Figure 2. Prostate Cancer Incidence, Nebraska & U.S. (2000-2010)

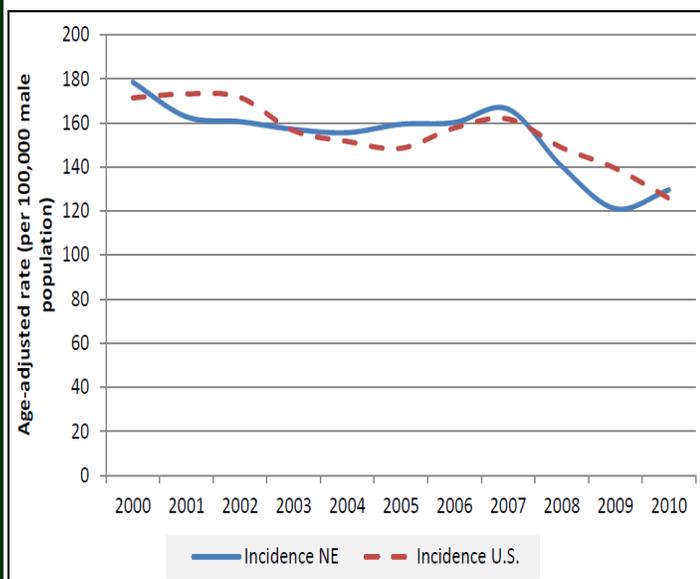


Figure 3. Prostate Cancer Mortality, Nebraska & U.S. (2000-2010)

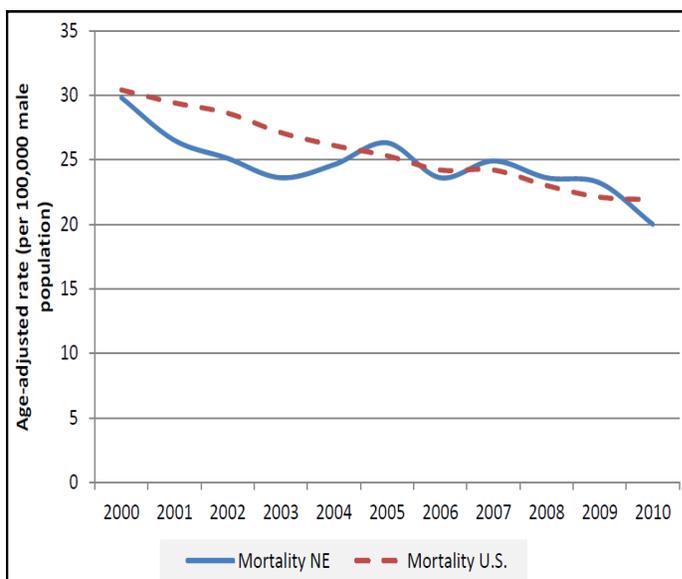
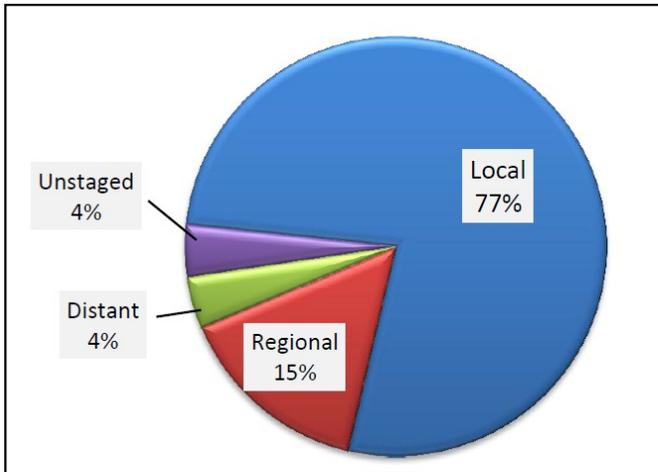


Figure 3. Prostate Cancer: Percentage of Cases, by Stage of Disease at Diagnosis, Nebraska, 2006-2010



- During the past 5 years (2006-2010), the majority (77%) of Nebraska prostate cancer cases were diagnosed at a local stage of disease (Figure 4).
- Stage of disease at diagnosis strongly affects the prognosis for cancer patients. The most recent national data show that the 5-year survival rates for prostate cancer were nearly 100% for both local and regional stage diagnoses, but fell to 27.9% for later stage (distant) cases.

Prostate Cancer Risk Factors and Screening

- Risk factors for prostate cancer include age (50+), African American race, and family history of prostate cancer. Other lifestyle and genetic factors are under study but their role in prostate cancer development remains unclear.
- During the past decade (2000-2010), the prostate cancer incidence rate has been significantly higher among African American men in Nebraska (200.6 diagnoses per 100,000 men per year) compared to whites (146.6), while the mortality rate for Nebraska's African American men (44.1 deaths per 100,000 men per year) has been nearly double that of whites (23.8).
- The American Cancer Society (ACS) recommends that physicians discuss the potential benefits and limitations of screening for prostate cancer with their male patients who are 50 years of age and older and who can expect to live at least 10 more years. African American men and men with a family history of prostate cancer are at an increased risk for prostate cancer and should discuss screening earlier, starting at age 45. For those who choose to be screened, the ACS recommends a prostate-specific antigen (PSA) test every year (less frequently depending on results) and an optional digital rectal exam.

About the Nebraska Cancer Registry

The purpose of the Nebraska Cancer Registry (NCR) is to gather data that describe how many Nebraska residents are diagnosed with cancer, what types of cancer they have, the treatment they receive, and survival after diagnosis. The NCR collects this information from every hospital in the state, excluding federally-operated Veterans Affairs facilities. The NCR also includes Nebraska residents diagnosed with and/or treated for cancer out of state, as well as cases diagnosed and/or treated at pathology laboratories, radiation therapy sites, outpatient surgery facilities, physicians' offices, and cases identified from death certificates. The NCR works closely with the Comprehensive Cancer Control Program of the Nebraska Department of Health and Human Services (NDHHS) and the Nebraska Cancer Coalition to provide data for planning and evaluating cancer control initiatives throughout the state, and has provided data critical for developing the Nebraska Comprehensive Cancer Control Plan. The NCR is managed by NDHHS and data are collected by the Nebraska Methodist Hospital of Omaha.

This publication is supported by Cooperative Agreement Grant Numbers 5U58DP003928 and 5U58DP003814 from the Centers for Disease Control and Prevention (CDC). Its contents are solely the responsibility of the authors and do not necessarily represent the official view of CDC.



To learn more about the Nebraska Cancer Registry, or to view additional fact sheets and reports, visit: http://dhhs.ne.gov/publichealth/Pages/ced_cancer_data.aspx.