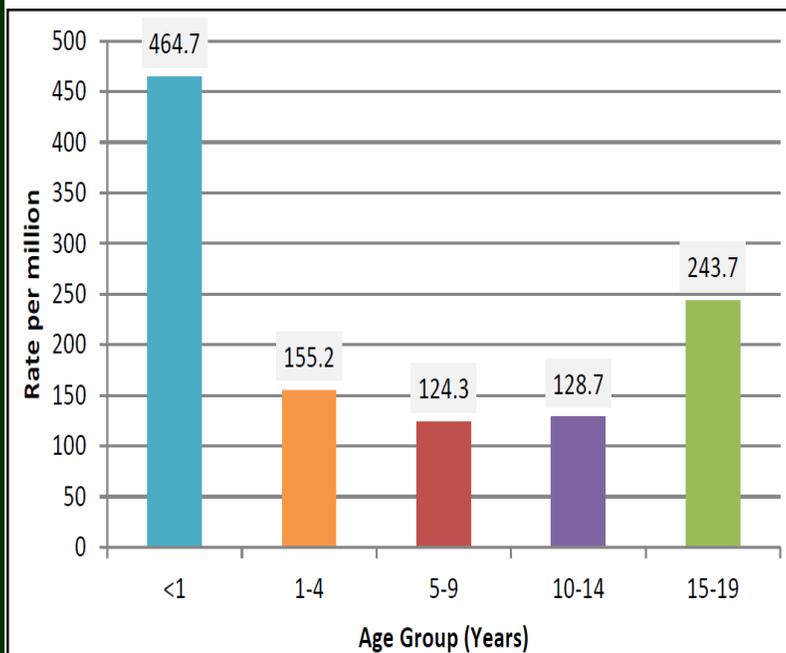




Pediatric Cancer in Nebraska

Figure 1. Incidence Rates by Age Group, Nebraska Residents 0-19 years of age, 1991-2009



Nebraska Pediatric Cancer Quick Facts:

- During the past two decades(1991-2009), 1,695 Nebraska children and adolescents have been diagnosed with cancer, and 310 Nebraska children and adolescents have died from it.
- Pediatric cancers accounted for less than 1% of the total number of cancers diagnosed among all Nebraska residents during this period (187,335).
- The rate at which pediatric cancer occurs (incidence) is greatest among infants, followed by adolescents, and is lowest among children ages 5-9 (Figure 1).
- Figure 2 shows that between 1991 and 2009, pediatric cancer incidence and mortality rates in Nebraska were relatively stable, with no trend either up or down.

Figure 2. Annual Cancer Incidence and Mortality Rates* , Nebraska Residents 0-19 years of age, 1991-2009

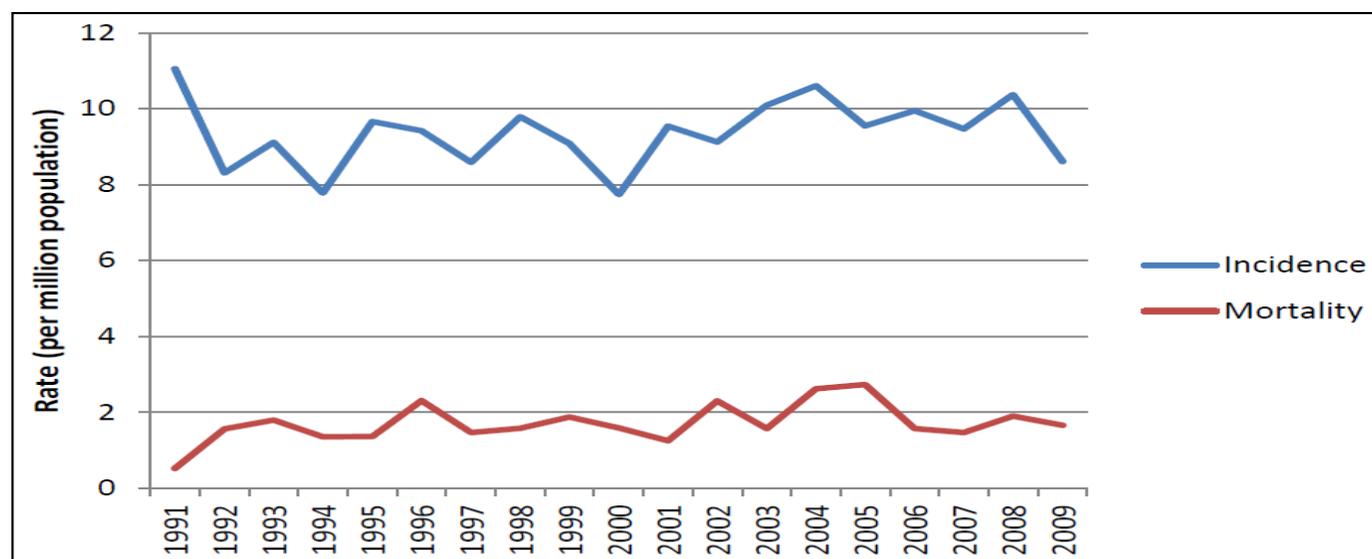
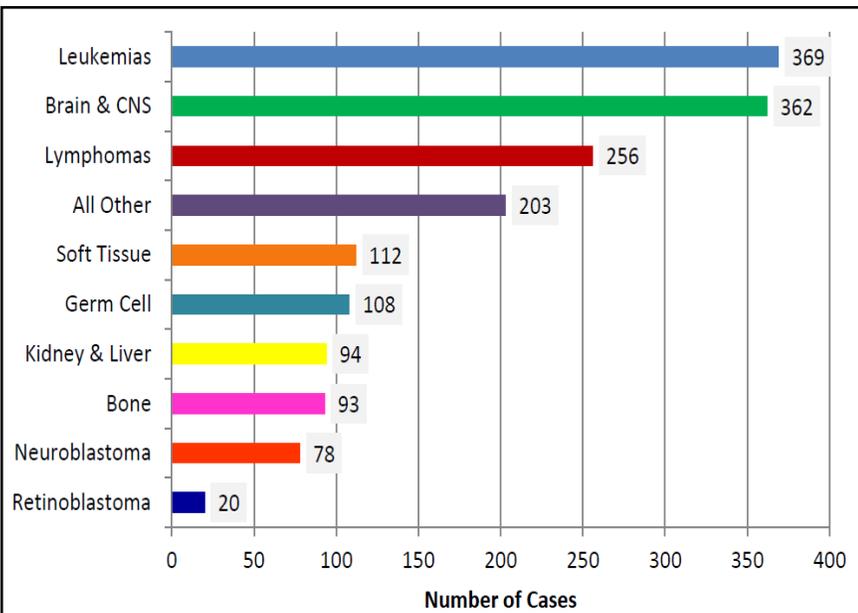


Figure 3. Number of Pediatric Cancer Cases, by Type *, Nebraska Residents 0-19 Years of Age, 1991-2009



- Over past 20 years, leukemias were the most frequently diagnosed pediatric cancers in Nebraska, accounting for 21.7% of all cases (Figure 3).
- Only slightly less common were brain and central nervous system (CNS) tumors, which accounted for 21.4% of all pediatric cancer diagnoses in the state (Figure 3).
- By age, leukemias were the most common cancer diagnosis in children under the age of 5, while brain and other CNS was the most frequent cancer diagnosis for those aged 5-14 years old. Lymphoma was the most common cancer diagnosis in adolescents.

* Pediatric cancers are classified according to the International Classification of Childhood Cancers, 3rd edition, available at <http://www.seer.cancer.gov/iccc/>.

More Facts About Pediatric Cancer

- During 2009, there were 13,678 new cases and 1,964 deaths in the United States due to pediatric cancer diagnosed in children and adolescents (0-19 years).
- Cancer is ranked as the second most common cause of death for children and adolescents between the ages of 1 to 19 years, exceeded only by accidents.
- Overall survival for pediatric cancer has been rapidly increasing over the past 30 years due to treatment advances, and the 5-year survival rate is approximately 80%.

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 and edited by the Nebraska Methodist Hospital of Omaha.

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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.