

Table XXVII-1

AGE-ADJUSTED CANCER SEER INCIDENCE RATES§ AND 23-YEAR TRENDS, 1973-95

By Primary Cancer Site

All Races, Males and Females

Site	Ages 0-14				Ages 0-19			
	Average Rate [⊕] 1973-74	Average Rate [⊕] 94-95	% Change 73-95	EAPC 73-95	Average Rate [⊕] 1973-74	Average Rate [⊕] 94-95	% Change 73-95	EAPC 73-95
All Sites								
All Races	12.8	13.6	5.8	0.7★	13.8	15.4	11.4	0.8★
Whites	13.3	13.9	4.7	0.6★	14.2	15.8	11.3	0.8★
Blacks	10.3	12.1	16.6	1.3★	11.1	12.6	14.0	0.9★
Bone & Joint	0.7	0.8	10.2	0.8	0.8	1.0	17.4	0.9★
Brain & Other nervous	2.4	3.2	30.4	1.7★	2.2	2.8	26.3	1.6★
Hodgkin's disease	0.7	0.4	-40.3	-1.8★	1.3	1.1	-12.6	-0.5
Kidney & Renal pelvis	0.7	0.8	19.4	0.4	0.6	0.7	18.2	0.5
Leukemias	4.3	3.8	-11.0	0.4	3.8	3.5	-8.1	0.4
Acute lymphocytic	2.7	3.1	12.4	1.0★	2.3	2.6	13.5	1.0★
Non-Hodgkin's lymphomas	0.8	1.0	25.6	0.5	0.8	1.2	53.2	1.3★
Soft tissue	0.7	0.9	31.5	0.7	0.8	0.9	20.2	0.6

The EAPC is the Estimated Annual Percent Change over the time interval.

§ SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Each rate has been age-adjusted by 5-year age groups.

⊕ The Average Rate is the Average Annual Rate over the specified two-year period.

★ The EAPC is significantly different from zero ($p < .05$).

Table XXVII-2
AGE-ADJUSTED CANCER U.S. MORTALITY RATES* AND 23-YEAR TRENDS, 1973-95

By Race and Primary Cancer Site
Males and Females

Race/Site	Ages 0-14				Ages 0-19			
	Average 1973-74	Rate \oplus 94-95	% Change 73-95	EAPC 73-95	Average 1973-74	Rate \oplus 94-95	% Change 73-95	EAPC 73-95
<u>All Races</u>								
All Sites	5.4	2.8	-48.1	-3.0*	5.6	3.1	-45.3	-2.7*
Bone & Joint	0.2	0.1	-41.4	-2.8*	0.4	0.2	-39.9	-2.6*
Brain & Other nervous	1.0	0.8	-25.6	-1.2*	1.0	0.7	-25.2	-1.2*
Hodgkin's disease	0.1	0.0	-83.2	-7.3*	0.2	0.0	-69.5	-5.0*
Kidney & Renal pelvis	0.2	0.1	-57.8	-3.9*	0.2	0.1	-54.7	-3.6*
Leukemias	2.3	1.0	-57.8	-4.0*	2.3	1.0	-53.5	-3.5*
Acute lymphocytic	1.3	0.5	-63.0	-5.0*	1.1	0.5	-57.8	-4.3*
Non-Hodgkin's lymphomas	0.4	0.1	-67.5	-5.0*	0.5	0.2	-61.4	-4.0*
Soft tissue	0.6	0.1	-75.5	-6.6*	0.5	0.2	-61.8	-4.6*
<u>Whites</u>								
All Sites	5.5	2.8	-49.9	-3.0*	5.7	3.1	-46.8	-2.8*
Bone & Joint	0.3	0.1	-44.8	-2.7*	0.4	0.2	-40.4	-2.4*
Brain & Other nervous	1.0	0.8	-25.2	-1.1*	0.9	0.7	-24.0	-1.1*
Hodgkin's disease	0.1	0.0	-89.8	-7.6*	0.2	0.0	-74.7	-5.4*
Kidney & Renal pelvis	0.2	0.1	-55.9	-3.8*	0.2	0.1	-53.8	-3.6*
Leukemias	2.5	1.0	-60.1	-4.2*	2.4	1.0	-56.0	-3.7*
Acute lymphocytic	1.4	0.5	-63.9	-5.1*	1.2	0.5	-59.4	-4.4*
Non-Hodgkin's lymphomas	0.4	0.1	-69.0	-4.9*	0.5	0.2	-62.2	-3.9*
Soft tissue	0.6	0.1	-78.8	-7.0*	0.5	0.2	-65.4	-4.9*
<u>Blacks</u>								
All Sites	4.8	3.0	-38.3	-2.5*	5.2	3.3	-36.8	-2.3*
Bone & Joint	0.2	0.2	-12.0	-2.7*	0.3	0.2	-31.1	-3.1*
Brain & Other nervous	1.1	0.8	-27.3	-1.5*	1.1	0.7	-29.6	-1.4*
Hodgkin's disease	0.1	0.0	-60.7	-	0.1	0.1	-36.8	-2.9*
Kidney & Renal pelvis	0.3	0.1	-67.4	-4.3*	0.2	0.1	-59.6	-3.8*
Leukemias	1.7	0.9	-44.2	-3.3*	1.7	1.1	-36.0	-2.5*
Acute lymphocytic	0.7	0.3	-51.2	-4.0*	0.7	0.4	-37.2	-3.0*
Non-Hodgkin's lymphomas	0.3	0.1	-60.5	-5.7*	0.4	0.2	-56.6	-4.5*
Soft tissue	0.5	0.2	-60.5	-5.0*	0.5	0.2	-47.4	-3.5*

The EAPC is the Estimated Annual Percent Change over the time interval.

* NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Each rate has been age-adjusted by 5-year age groups.

\oplus The Average Rate is the Average Annual Rate over the specified two-year period.

* The EAPC is significantly different from zero ($p < .05$).

Table XXVII-3

AGE-ADJUSTED CANCER SEER INCIDENCE RATES§, 1973-95

By Primary Cancer Site

All Races, Males and Females

Year of Diagnosis

Age/Site	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
<u>Ages 0-14</u>																							
All Sites																							
All Races	12.7	13.0	11.3	12.9	12.7	13.0	12.9	12.7	12.3	12.8	12.8	13.7	14.3	14.0	14.0	13.2	14.8	14.0	15.0	13.5	14.7	14.0	13.2
Whites	13.0	13.5	11.8	13.3	13.3	13.5	13.5	12.8	12.3	12.9	13.4	14.2	15.3	14.6	14.4	13.7	15.3	14.0	15.8	13.8	14.7	14.3	13.5
Blacks	10.5	10.2	8.5	11.1	8.3	9.8	10.4	11.0	13.0	11.8	9.9	10.3	9.9	10.5	11.4	11.8	13.6	12.3	11.8	12.5	13.0	13.0	11.1
Bone & Joint	0.8	0.6	0.5	0.5	0.6	0.7	0.8	0.7	0.6	0.6	0.7	0.7	0.8	0.7	0.7	0.6	0.6	0.7	0.9	0.6	0.6	0.8	0.8
Brain & Other nervous	2.3	2.6	2.3	2.4	3.0	2.7	2.8	2.8	2.5	2.4	2.2	2.8	2.9	3.4	3.1	3.3	3.2	3.5	3.5	3.2	3.4	3.3	3.1
Hodgkin's disease	0.9	0.6	0.7	0.8	0.7	0.7	0.9	0.5	0.6	0.5	0.7	0.7	0.7	0.5	0.7	0.6	0.8	0.7	0.6	0.5	0.6	0.6	0.3
Kidney & Renal pelvis	0.7	0.7	0.6	0.9	0.7	0.9	0.9	0.8	0.8	0.9	1.1	0.7	0.8	0.9	0.8	0.7	1.1	0.7	0.9	0.7	0.9	1.1	0.5
Leukemias	3.8	4.8	3.2	4.0	3.8	3.7	3.6	3.9	3.9	3.7	3.6	4.4	4.5	4.0	4.3	4.0	4.6	4.3	4.5	4.0	4.1	3.6	4.1
Acute lymphocytic	2.4	3.1	2.1	2.9	3.0	2.9	2.7	3.0	3.1	2.9	2.9	3.4	3.4	3.2	3.3	3.2	3.8	3.3	3.4	3.0	3.0	2.9	3.3
Non-Hodgkin's lymph	0.6	0.9	1.0	0.8	0.8	1.0	0.8	0.7	0.7	0.9	0.9	0.9	0.7	1.0	1.1	0.7	0.8	0.8	0.9	0.8	0.8	1.0	0.9
Soft tissue	0.8	0.7	0.8	0.7	0.7	0.8	0.6	0.9	0.7	0.9	0.9	0.7	0.8	0.9	0.8	0.6	0.9	0.8	1.0	0.7	0.6	0.9	0.9
<u>Ages 0-19</u>																							
All Sites																							
All Races	13.6	13.9	12.8	14.1	14.1	14.4	14.5	14.2	13.8	14.4	14.4	15.4	15.7	15.7	15.2	15.0	16.5	15.5	16.2	16.1	16.0	15.6	15.1
Whites	14.1	14.3	13.2	14.7	14.7	15.0	15.1	14.6	14.0	14.9	15.2	15.9	16.8	16.4	16.1	15.5	17.1	15.7	17.2	16.7	16.1	16.0	15.7
Blacks	10.3	11.8	10.5	10.7	10.4	10.8	12.6	11.0	12.9	11.8	11.1	12.1	10.5	12.0	11.2	12.9	14.0	12.9	12.4	12.9	13.6	13.7	11.5
Bone & Joint	0.9	0.8	0.7	0.6	0.7	0.9	0.9	0.9	1.0	0.8	0.8	0.9	1.0	0.9	1.0	0.8	0.9	0.8	1.0	0.9	0.9	1.0	0.9
Brain & Other nervous	2.1	2.3	2.1	2.2	2.9	2.5	2.5	2.4	2.3	2.3	2.2	2.6	2.6	3.2	2.9	3.0	2.9	3.1	3.1	3.3	3.0	2.9	2.8
Hodgkin's disease	1.4	1.1	1.5	1.4	1.4	1.5	1.6	1.2	1.2	1.5	1.4	1.5	1.4	1.3	1.4	1.3	1.7	1.3	1.4	1.4	1.3	1.3	1.0
Kidney & Renal pelvis	0.6	0.5	0.5	0.7	0.6	0.7	0.7	0.6	0.6	0.7	0.8	0.6	0.7	0.7	0.7	0.6	0.8	0.6	0.7	0.6	0.8	0.9	0.4
Leukemias	3.5	4.2	3.0	3.6	3.4	3.4	3.2	3.4	3.6	3.4	3.4	3.9	4.0	3.6	3.6	3.5	4.1	3.7	4.0	3.6	3.6	3.3	3.7
Acute lymphocytic	2.0	2.7	1.9	2.4	2.5	2.5	2.3	2.4	2.7	2.5	2.5	2.9	2.8	2.7	2.7	2.7	3.3	2.8	2.9	2.5	2.5	2.4	2.8
Non-Hodgkin's lymph	0.7	0.9	1.0	0.9	0.8	1.0	0.9	0.9	1.0	1.0	1.1	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.1	1.0	0.9	1.3	1.1
Soft tissue	0.7	0.8	0.8	0.7	0.7	0.9	0.7	0.9	0.7	1.0	1.0	0.7	0.9	0.9	0.9	0.7	0.9	0.8	1.0	0.7	0.7	0.8	1.0

§ SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Each rate has been age-adjusted by 5-year age groups.

Table XXVII-4

AGE-ADJUSTED CANCER U.S. MORTALITY RATES*, 1973-95

By Primary Cancer Site

All Races, Males and Females

Year of Diagnosis

Age/Site	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
<u>Ages 0-14</u>																							
All Sites	5.5	5.3	4.9	4.9	4.7	4.3	4.4	4.3	4.2	4.2	4.1	3.6	3.6	3.5	3.4	3.3	3.3	3.1	3.1	3.0	3.0	2.8	2.7
Bone & Joint	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
Brain & Other nervous	1.0	1.1	1.0	1.0	1.0	0.8	0.9	0.9	0.9	1.0	0.9	0.8	0.8	0.9	0.7	0.8	0.9	0.9	0.9	0.8	0.8	0.8	0.7
Hodgkin's disease	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kidney & Renal pelvis	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Leukemias	2.4	2.3	2.1	2.1	2.0	1.9	1.8	1.7	1.6	1.6	1.5	1.3	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0
Acute lymphocytic	1.3	1.3	1.2	1.2	1.1	1.0	1.0	0.9	1.0	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.5
Non-Hodgkin's lymph	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1
Soft tissue	0.6	0.5	0.5	0.6	0.6	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
<u>Ages 0-19</u>																							
All Sites	5.8	5.5	5.1	5.1	5.0	4.5	4.6	4.6	4.4	4.5	4.3	3.9	3.8	3.8	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.0
Bone & Joint	0.4	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Brain & Other nervous	0.9	1.0	0.9	0.9	0.9	0.8	0.9	0.8	0.8	0.9	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
Hodgkin's disease	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1
Kidney & Renal pelvis	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Leukemias	2.3	2.2	2.0	2.1	2.0	1.8	1.8	1.8	1.6	1.6	1.5	1.4	1.4	1.3	1.4	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0
Acute lymphocytic	1.2	1.1	1.0	1.1	1.0	0.9	1.0	0.9	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.5	0.5
Non-Hodgkin's lymph	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
Soft tissue	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

* NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Each rate has been age-adjusted by 5-year age groups.

Table XXVII-5

AGE-ADJUSTED CANCER U.S. MORTALITY RATES*, 1973-95

By Primary Cancer Site

Whites, Males and Females

Year of Diagnosis

Age/Site	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
<u>Ages 0-14</u>																							
All Sites	5.6	5.4	5.0	5.0	4.8	4.3	4.5	4.4	4.2	4.3	4.1	3.7	3.6	3.6	3.5	3.3	3.4	3.2	3.2	3.1	3.1	2.8	2.7
Bone & Joint	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
Brain & Other nervous	1.0	1.1	1.0	1.0	1.0	0.8	0.9	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.8	0.7
Hodgkin's disease	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kidney & Renal pelvis	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Leukemias	2.5	2.4	2.3	2.3	2.1	1.9	1.9	1.8	1.7	1.6	1.6	1.4	1.4	1.4	1.4	1.2	1.2	1.1	1.1	1.2	1.1	1.0	1.0
Acute lymphocytic	1.4	1.4	1.2	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.6	0.5	0.5	0.5
Non-Hodgkin's lymph	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1
Soft tissue	0.6	0.5	0.5	0.6	0.6	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
<u>Ages 0-19</u>																							
All Sites	5.9	5.6	5.2	5.2	5.1	4.6	4.7	4.7	4.4	4.5	4.4	4.0	3.9	3.9	3.7	3.6	3.6	3.4	3.5	3.4	3.3	3.2	3.0
Bone & Joint	0.4	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2
Brain & Other nervous	0.9	1.0	0.9	0.9	0.9	0.8	0.9	0.8	0.8	0.9	0.9	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
Hodgkin's disease	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Kidney & Renal pelvis	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Leukemias	2.4	2.3	2.1	2.2	2.1	1.9	1.9	1.8	1.7	1.7	1.6	1.4	1.4	1.4	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.0
Acute lymphocytic	1.3	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
Non-Hodgkin's lymph	0.5	0.5	0.5	0.4	0.4	0.3	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
Soft tissue	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

* NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Each rate has been age-adjusted by 5-year age groups.

Table XXVII-6

AGE-ADJUSTED CANCER U.S. MORTALITY RATES*, 1973-95

By Primary Cancer Site

Blacks, Males and Females

Year of Diagnosis

Age/Site	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
<u>Ages 0-14</u>																							
All Sites	5.2	4.4	4.5	4.2	4.2	4.1	4.0	3.8	4.2	4.0	3.9	3.5	3.3	3.4	3.0	3.2	3.2	3.0	3.1	2.7	2.7	2.9	3.0
Bone & Joint	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Brain & Other nervous	1.2	1.1	0.9	1.0	1.0	0.8	0.9	0.9	1.0	0.8	0.8	0.7	0.6	0.9	0.7	1.0	0.8	0.7	0.8	0.7	0.6	0.8	0.8
Hodgkin's disease	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.0
Kidney & Renal pelvis	0.4	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1
Leukemias	1.8	1.6	1.6	1.6	1.4	1.5	1.3	1.2	1.6	1.5	1.2	1.3	1.2	1.1	1.0	0.9	1.0	0.9	1.0	0.8	0.9	0.8	1.1
Acute lymphocytic	0.7	0.7	0.8	0.8	0.7	0.6	0.6	0.6	0.8	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.4
Non-Hodgkin's lymph	0.3	0.3	0.4	0.2	0.3	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.2	0.3	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2
Soft tissue	0.6	0.4	0.4	0.5	0.5	0.5	0.3	0.1	0.3	0.3	0.3	0.2	0.2	0.1	0.3	0.2	0.2	0.3	0.1	0.2	0.2	0.3	0.1
<u>Ages 0-19</u>																							
All Sites	5.6	4.8	4.7	4.5	4.7	4.5	4.3	4.2	4.5	4.3	3.8	3.7	3.5	3.7	3.6	3.5	3.5	3.4	3.4	3.0	3.1	3.3	3.3
Bone & Joint	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2
Brain & Other nervous	1.1	1.0	0.9	0.9	0.9	0.7	0.9	0.8	0.9	0.8	0.7	0.7	0.6	0.8	0.7	0.9	0.7	0.7	0.7	0.7	0.7	0.8	0.7
Hodgkin's disease	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1
Kidney & Renal pelvis	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1
Leukemias	1.8	1.5	1.6	1.5	1.4	1.5	1.4	1.4	1.5	1.5	1.1	1.3	1.1	1.1	1.2	1.0	1.1	1.0	1.1	0.9	1.0	1.0	1.1
Acute lymphocytic	0.7	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.5
Non-Hodgkin's lymph	0.5	0.3	0.4	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.2
Soft tissue	0.5	0.4	0.5	0.5	0.5	0.5	0.3	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.2

* NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Each rate has been age-adjusted by 5-year age groups.

Table XXVII-7

AGE-ADJUSTED CANCER SEER INCIDENCE§ AND U.S. MORTALITY* RATES, 1991-95

By Primary Cancer Site

All Races, Males and Females

Site	<u>Ages 0-14</u>						<u>Ages 0-19</u>					
	<u>Incidence</u>			<u>Mortality</u>			<u>Incidence</u>			<u>Mortality</u>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Sites												
All Races	14.1	14.9	13.1	2.9	3.3	2.6	15.8	16.5	15.0	3.2	3.7	2.8
Whites	14.4	15.3	13.5	3.0	3.3	2.6	16.3	17.1	15.5	3.3	3.7	2.8
Blacks	12.3	12.7	11.8	2.9	3.0	2.7	12.8	13.0	12.6	3.2	3.5	3.0
Bone & Joint	0.7	0.7	0.8	0.1	0.1	0.1	1.0	1.1	0.8	0.2	0.3	0.2
Brain & Other nervous	3.3	3.5	3.0	0.8	0.8	0.7	3.0	3.3	2.7	0.7	0.8	0.7
Hodgkin's disease	0.5	0.5	0.5	0.0	0.0	0.0	1.3	1.2	1.4	0.1	0.1	0.0
Kidney & Renal pelvis	0.8	0.9	0.8	0.1	0.1	0.1	0.7	0.7	0.7	0.1	0.1	0.1
Leukemias	4.0	4.4	3.7	1.1	1.2	0.9	3.7	3.9	3.4	1.1	1.3	0.9
Acute lymphocytic	3.1	3.4	2.8	0.5	0.6	0.4	2.6	2.9	2.3	0.5	0.6	0.4
Non-Hodgkin's lymphomas	0.9	1.3	0.5	0.1	0.2	0.1	1.1	1.5	0.6	0.2	0.3	0.1
Soft tissue	0.9	0.9	0.8	0.1	0.2	0.1	0.9	0.9	0.8	0.2	0.2	0.2

§ SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Each rate has been age-adjusted by 5-year age groups.

* NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Each rate has been age-adjusted by 5-year age groups.

Table XXVII-8

5-YEAR RELATIVE SURVIVAL RATES (Percent)

By Selected Primary Cancer Site and Year Of Diagnosis

All Races, Males and Females

Site	Ages 0-14						Ages 0-19					
	1974-76	1977-79	1980-82	1983-85	1986-88	1989-94	1974-76	1977-79	1980-82	1983-85	1986-88	1989-94
All Sites												
All Races	55.6	61.5	64.8	67.8	70.0	73.8 S	58.4	64.0	66.5	69.8	72.8	74.7 S
Whites	55.7	61.9	65.3	69.3	71.2	74.6 S	58.7	64.4	67.4	71.4	74.3	75.9 S
Blacks	56.8	57.7	61.3	57.4	62.1	69.5 S	56.6	60.3	61.2	59.0	62.5	67.5 S
Bone & Joint	53.7 [†]	52.8 [†]	54.1 [†]	58.5 [†]	62.4 [†]	64.0 S	50.3	51.4	49.8	53.7	60.9	64.2 S
Brain & Other nervous	54.7	56.3	55.3	61.9	62.3	63.0 S	55.5	56.7	56.8	63.4	65.3	65.0 S
Hodgkin's disease	79.0	83.2	91.0	89.6	89.6	92.4 S	85.3	87.9	87.2	88.2	89.2	91.8 S
Leukemias	44.9	58.8	61.9	61.3	70.3	73.0 S	40.7	53.1	57.3	58.3	66.2	69.0 S
Acute lymphocytic	52.9	66.7	70.3	69.5	78.4	80.2 S	49.0	62.6	66.6	67.0	75.5	77.0 S
Acute myeloid	13.9	26.2 [†]	21.1 [†]	32.0 [†]	27.8 [†]	43.4 S	16.1	25.4	21.4	33.3 [†]	29.6 [†]	42.9 S
Neuroblastoma	52.2	53.6	52.9	54.0	59.9	69.2 S	51.7	53.6	53.1	53.3	58.9	67.8 S
Non-Hodgkin's lymphomas	44.6	50.7	61.8	70.4	69.2	77.6 S	44.0	49.7	59.4	66.5	73.1	74.5 S
Soft tissue	60.7	68.6	65.0	76.4	65.9	76.0 S	62.0	64.6	64.6	74.0	67.8	69.0
Wilms' tumor	74.3	77.3	86.8	86.4	91.3	92.9 S	73.6	76.8	86.2	86.7	91.4	92.3 S

Rates are from the SEER Program. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients through 1995.

S The difference in rates between 1974-76 and 1989-94 is statistically significant ($p < .05$).

[†] The standard error of the survival rate is between 5 and 10 percentage points.

^{††} The standard error of the survival rate is greater than 10 percentage points.

Table XXVII-9

CHILDHOOD CANCER
SEER Incidence, U.S. Mortality and 5-Year Relative Survival Rates
For Top Cancer Sites[⊕] By 5-Year Age Groups
All Races, Males and Females

Age/Site	SEER Incidences [§]				US Mortality*				Survivals [§]	
	1991-95		1973-95		1991-95		1973-95		1974-76	1989-94
	Num Cases	Rate	PC	EAPC	Num Cases	Rate	PC	EAPC		
Ages 0-4										
All Sites	1,890	20.4	10.2	0.9★	2,922	3.0	-49.0	-3.0★	56.2	73.4S
Soft tissue	131	1.4	37.0	0.9	141	0.1	-86.4	-9.9★	57.7↑	79.1S
Kidney and Renal pelvis	188	2.0	31.8	0.5	98	0.1	-62.1	-5.4★	74.2	90.4S
Eye and Orbit	125	1.3	-8.4	0.8	54	0.1	-62.6	-3.5★	89.2	95.4
Brain and Other nervous	358	3.9	53.5	2.5★	733	0.8	-28.4	-1.3★	51.2	54.1
Other endocrine	130	1.4	-	-	532	0.5	-	-	32.8↑	64.8S
Leukemias	639	6.9	-8.2	0.3	957	1.0	-55.0	-3.7★	50.8	74.9S
Acute lymphocytic	511	5.5	18.3	0.9★	311	0.3	-69.9	-5.5★	58.1	81.4S
Ages 5-9										
All Sites	896	10.2	-0.7	0.4	2,785	3.0	-52.3	-3.3★	55.4	73.7S
Brain and Other nervous	275	3.1	15.0	1.2★	872	0.9	-27.0	-0.9★	54.4	65.0
Leukemias	288	3.3	-19.0	0.5	1,017	1.1	-66.9	-5.1★	46.4	74.3S
Acute lymphocytic	232	2.7	9.9	1.2★	544	0.6	-69.8	-6.0★	53.4	80.4S
Ages 10-14										
All Sites	1,082	12.5	5.5	0.7★	2,594	2.8	-42.1	-2.5★	55.1	74.7S
Bone and Joint	114	1.3	-8.9	0.5	261	0.3	-43.7	-2.8★	52.8↑	65.0S↑
Brain and Other nervous	257	3.0	25.1	1.5★	635	0.7	-21.1	-1.4★	58.7	74.4S
Hodgkin's disease	99	1.1	-37.5	-1.4★	34	0.0	-80.2	-6.9★	75.9↑	93.4S
Leukemias	207	2.4	-7.2	0.5	988	1.1	-46.6	-3.0★	29.0	65.0S
Acute lymphocytic	139	1.6	0.4	1.2	487	0.5	-45.4	-3.3★	37.2↑	75.3S
Ages 15-19										
All Sites	1,718	21.1	24.4	1.0★	3,614	4.1	-38.2	-2.2★	63.8	76.6S
Bone and Joint	133	1.6	29.5	1.1	454	0.5	-38.6	-2.4★	46.6↑	64.5S
Melanomas of skin	118	1.4	57.0	2.3★	43	0.0	-52.2	-3.7★	76.7↑	92.5S
Ovary(females)	100	2.5	78.4	3.5★	38	0.1	-76.4	-6.5★	69.0↑	90.8S
Testis(males)	142	3.4	65.4	2.6★	52	0.1	-75.6	-7.8★	55.4↑	91.8S
Brain and Other nervous	165	2.0	7.2	0.9	536	0.6	-23.6	-1.1★	58.4↑	75.1S
Thyroid	122	1.5	28.9	0.8	-	-	-	-	100.0	99.1
Hodgkin's disease	288	3.5	7.9	0.1	136	0.2	-62.2	-4.4★	88.8	91.5
Non-Hodgkin's lymphomas	137	1.7	128.2	2.9★	324	0.4	-48.8	-2.5★	42.6↑	69.2S
Leukemias	207	2.5	7.5	0.3	1,139	1.3	-38.2	-2.1★	21.5	45.0S
Acute lymphocytic	98	1.2	22.3	1.0	480	0.5	-31.8	-1.7★	21.2↑	49.2S↑

The PC is the Percent Change over the time interval.

The EAPC is the Estimated Annual Percent Change over the time interval.

Note: Incidence and mortality rates are per 100,000. Survival rates are expressed as percents.
§ SEER Program.

* NCHS public use tape.

★ The EAPC is significantly different from zero (p<.05).

§ The difference in rates between 1974-76 and 1989-94 is statistically significant (p<.05).

↑ The standard error of the survival rate is between 5 and 10 percentage points.

⊕ The standard error of the survival rate is greater than 10 percentage points.

- Sites were chosen based on more than 100 SEER incident cases between 1991-95.

- Statistic could not be calculated.

Table XXVII-10
ALL SITES (Invasive)INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Males and Females

Ages 0-14

Year of Diagnosis/Death

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Incidence																					
SEER	11.3	12.9	12.7	13.0	12.9	12.7	12.3	12.8	12.8	13.7	14.3	14.0	14.0	13.2	14.8	14.0	15.0	13.5	14.7	14.0	13.2
Mortality																					
U.S.	4.9	4.9	4.7	4.3	4.4	4.3	4.2	4.2	4.1	3.6	3.6	3.5	3.4	3.3	3.3	3.1	3.1	3.0	3.0	2.8	2.7
SEER	5.0	4.7	4.9	4.3	4.6	4.2	4.1	4.3	4.5	3.6	4.0	4.1	3.8	3.6	2.8	3.2	3.4	2.9	3.1	2.6	2.7
Relative Survival Rates (SEER)																					
1-year	79.9	80.5	82.5	81.9	81.7	84.0	84.0	85.9	84.9	86.1	87.1	85.8	85.6	88.5	88.8	89.3	91.0	91.2	88.6	90.1	
2-year	66.9	70.2	71.3	73.7	72.8	74.4	74.5	76.4	76.7	76.3	78.0	76.4	76.5	80.1	80.1	81.6	82.2	84.4	81.7		
3-year	61.2	63.7	65.4	69.3	66.7	68.2	70.0	71.2	72.3	71.3	73.8	72.5	71.8	76.4	75.8	77.3	78.6	80.8			
4-year	58.7	60.1	62.1	65.6	62.9	64.5	65.6	69.8	69.7	67.1	70.6	71.0	69.8	73.2	73.1	74.8	75.9				
5-year	55.7	57.9	59.8	63.4	61.1	62.1	64.2	67.9	67.5	66.3	69.7	68.6	69.2	72.3	71.6	73.7					
6-year	53.3	56.5	58.5	61.6	59.5	60.6	63.2	66.4	66.5	65.5	68.3	67.6	67.9	71.8	70.4						
7-year	51.5	55.2	57.5	61.0	58.3	59.8	61.7	65.8	66.2	64.4	67.2	67.3	66.6	70.8							
8-year	50.5	54.8	57.0	60.3	57.1	58.9	61.0	65.3	65.5	63.3	65.9	67.0	66.6								
9-year	50.1	54.5	56.7	59.7	57.0	58.1	60.2	65.0	65.4	62.6	65.3	66.3									
10-year	49.6	54.2	56.5	59.4	56.7	57.6	59.9	64.3	64.9	62.1	64.4										
11-year	49.6	54.2	56.0	58.9	56.0	57.4	59.1	64.0	64.6	61.8											
12-year	49.1	53.6	55.7	58.6	55.7	57.1	58.3	63.4	63.8												
13-year	49.1	53.3	55.6	58.6	55.3	56.9	58.3	63.4													
14-year	49.1	53.2	54.9	57.8	54.8	56.2	58.3														
15-year	49.1	52.9	54.8	57.5	54.0	56.2															
16-year	49.1	52.0	54.1	56.9	53.9																
17-year	48.7	51.5	53.9	56.8																	
18-year	48.3	51.2	53.4																		
19-year	48.3	50.4																			
20-year	48.3																				

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.
Survival rates are relative rates expressed as percents.

Table XXVII-11
ALL SITES (Invasive)INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Males and Females

Ages 0-19

Year of Diagnosis/Death

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Incidence																					
SEER	12.8	14.1	14.1	14.4	14.5	14.2	13.8	14.4	14.4	15.4	15.7	15.7	15.2	15.0	16.5	15.5	16.2	16.1	16.0	15.6	15.1
Mortality																					
U.S.	5.1	5.1	5.0	4.5	4.6	4.6	4.4	4.5	4.3	3.9	3.8	3.8	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.0
SEER	5.4	5.2	4.9	4.4	5.0	4.4	4.4	4.7	4.8	3.8	4.2	4.3	3.9	3.8	3.1	3.6	3.6	3.4	3.5	3.1	3.0
Relative Survival Rates (SEER)																					
1-year	81.4	82.4	84.0	83.2	84.0	86.3	84.9	86.0	87.0	87.4	87.8	88.2	87.9	90.0	89.7	90.4	91.6	90.6	89.8	90.4	
2-year	69.4	73.1	74.0	73.9	74.3	76.6	74.8	77.9	79.3	77.9	78.6	79.2	79.5	82.6	81.4	82.8	83.6	83.5	82.1		
3-year	64.3	67.5	68.7	69.5	69.2	70.3	70.1	72.7	75.0	73.4	75.1	75.7	74.9	78.4	77.5	78.3	79.7	80.1			
4-year	61.4	63.9	65.2	66.5	66.0	67.9	66.3	70.6	72.1	69.2	72.4	73.8	72.5	75.7	74.2	75.9	77.6				
5-year	58.6	62.2	63.2	64.5	64.2	65.9	64.9	68.8	69.7	68.2	71.5	71.8	71.8	74.8	72.8	74.5					
6-year	56.2	60.6	61.9	63.0	62.2	64.5	63.5	67.6	68.4	66.7	70.3	71.1	70.7	74.2	71.5						
7-year	54.9	59.3	61.2	62.4	61.1	63.9	62.6	66.9	67.8	65.8	69.1	70.6	69.5	73.2							
8-year	54.1	58.7	60.6	61.8	59.6	63.3	61.9	66.3	66.7	64.5	68.2	70.2	69.1								
9-year	53.5	58.3	59.9	61.0	59.6	62.7	61.4	65.4	66.2	63.8	67.5	69.5									
10-year	52.9	57.8	59.4	60.8	59.4	62.3	61.0	64.8	65.8	63.3	66.7										
11-year	52.9	57.6	59.0	60.3	58.8	62.0	60.3	64.4	65.6	63.1											
12-year	52.4	57.1	58.8	60.0	58.3	61.8	59.6	64.1	64.8												
13-year	52.4	56.9	58.7	59.8	58.0	61.5	59.6	63.9													
14-year	52.3	56.7	58.1	59.3	57.7	60.7	59.4														
15-year	52.2	56.6	57.7	59.1	57.1	60.3															
16-year	52.2	55.9	57.1	58.6	56.8																
17-year	51.9	55.5	57.1	58.2																	
18-year	51.5	55.2	56.5																		
19-year	51.5	54.6																			
20-year	51.3																				

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.
Survival rates are relative rates expressed as percents.