

Table 28.8

5-Year Relative Survival (Percent)  
By Selected Primary Cancer Site and Year of Diagnosis

All Races, Males and Females

Site	Ages 0-14											
	1975- 1977	1978- 1980	1981- 1983	1984- 1986	1987- 1989	1990- 1992	1993- 1995	1996- 1998	1999- 2001	2002- 2004	2005- 2008	2009- 2015
All Sites												
All Races	58.0	62.4	67.1	68.1	71.7	75.8	77.4	79.3	80.8	82.9	83.7	85.3 <sup>c</sup>
Whites	57.9	63.1	67.8	69.9	72.5	76.8	78.3	80.6	81.8	84.8	85.1	86.1 <sup>c</sup>
Blacks	57.3	57.7	62.2	56.6	65.3	70.8	73.3	75.6	74.1	73.5	78.6	82.3 <sup>c</sup>
Bone & Joint	49.9 <sup>d</sup>	47.8	56.8 <sup>d</sup>	57.3 <sup>d</sup>	66.8 <sup>d</sup>	67.8	74.2	70.3	69.3	77.6	79.1	75.9 <sup>c</sup>
Brain & ONS	57.2	57.9	56.9	61.8	64.4	64.5	70.7	75.4	74.3	75.5	75.2	75.8 <sup>c</sup>
Hodgkin lymphoma	80.9	86.8	88.1	89.9	87.1	96.8	94.6	96.1	94.4	97.5	97.8	99.1 <sup>c</sup>
Leukemia	49.7	58.0	63.0	63.6	71.0	75.5	76.0	80.3	82.8	86.1	87.0	88.0 <sup>c</sup>
Acute lymphocytic	57.2	65.7	71.3	72.2	77.7	83.1	83.9	87.0	88.5	91.9	91.2	91.9 <sup>c</sup>
Acute myeloid	18.8	25.8	27.8 <sup>d</sup>	30.6 <sup>d</sup>	37.1 <sup>d</sup>	42.2	40.6 <sup>d</sup>	48.7	58.6	61.5	66.1	68.7 <sup>c</sup>
Neuroblastoma <sup>a</sup>	52.5	56.6	54.8	52.3	63.2	76.0	66.6	66.5	72.3	73.8	73.2	80.8 <sup>c</sup>
Non-Hodgkin lymphoma	43.2	52.7	67.0	69.8	70.8	76.9	80.7	83.2	89.8	84.6	87.3	90.9 <sup>c</sup>
Soft tissue	61.3	74.2	69.2	73.0	66.4	79.8	76.7	70.6	76.9	84.8	80.9	82.7 <sup>c</sup>
Wilms' tumor <sup>b</sup>	73.1	79.0	86.7	90.7	92.2	91.9	91.7	91.6	93.8	89.4	90.9	96.4 <sup>c</sup>
Ages 0-19												
Site	1975- 1977	1978- 1980	1981- 1983	1984- 1986	1987- 1989	1990- 1992	1993- 1995	1996- 1998	1999- 2001	2002- 2004	2005- 2008	2009- 2015
All Sites												
All Races	61.5	65.3	68.4	70.6	73.5	76.3	77.8	79.8	80.4	82.6	84.0	85.7 <sup>c</sup>
Whites	61.3	65.9	69.3	72.5	75.0	77.6	78.5	81.2	81.4	84.2	85.2	86.6 <sup>c</sup>
Blacks	59.4	60.3	62.5	58.3	64.3	68.7	74.2	73.9	74.8	73.3	78.3	81.3 <sup>c</sup>
Bone & Joint	50.4	48.1	51.2	56.1	64.0	69.0	69.0	67.0	66.3	73.5	74.5	71.9 <sup>c</sup>
Brain & ONS	59.1	58.3	58.5	63.9	66.0	66.5	71.5	76.2	74.7	75.5	75.3	76.3 <sup>c</sup>
Hodgkin lymphoma	86.2	88.3	85.5	90.6	88.7	94.3	93.9	95.2	95.1	96.3	97.7	97.6 <sup>c</sup>
Leukemia	44.9	53.2	58.1	60.3	67.6	71.3	71.9	76.6	77.7	81.9	85.4	85.6 <sup>c</sup>
Acute lymphocytic	53.8	61.9	67.1	69.9	75.0	79.8	81.5	84.4	84.8	88.1	90.1	90.3 <sup>c</sup>
Acute myeloid	18.7	26.2	27.2	31.4	37.6	41.9	38.6	46.3	51.9	59.8	65.7	66.8 <sup>c</sup>
Neuroblastoma <sup>a</sup>	53.1	56.7	53.7	52.5	61.8	75.7	66.6	66.7	72.1	73.5	73.3	79.8 <sup>c</sup>
Non-Hodgkin lymphoma	44.6	53.4	63.7	67.6	70.4	72.7	78.0	81.1	84.3	84.5	84.7	90.3 <sup>c</sup>
Soft tissue	64.8	68.9	68.2	72.7	68.0	69.7	73.8	72.4	72.5	77.0	78.8	79.1 <sup>c</sup>
Wilms' tumor <sup>b</sup>	72.6	78.4	86.8	91.0	92.2	91.3	91.8	91.6	93.8	89.5	90.6	96.4 <sup>c</sup>

Source: SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Based on follow-up of patients into 2016. [Expected survival rates](#) are derived from the U.S. Annual Life Tables.

Note: Neuroblastoma and Wilms' tumor are not mutually exclusive from the other tumors presented in table.

<sup>a</sup> Neuroblastoma is defined as histologies 9490-9509.

<sup>b</sup> Wilms' tumor is defined as histologies 8959-8960.

<sup>c</sup> The difference between 1975-1977 and 2009-2015 is statistically significant ( $p < .05$ ).

<sup>d</sup> The standard error is between 5 and 10 percentage points.

<sup>e</sup> The standard error is greater than 10 percentage points.

- Statistic could not be calculated due to fewer than 25 cases during the time period.