

Table 29.6

5-Year Relative Survival Rates, 1999-2005^aBy International Classification of Childhood Cancer (ICCC)^b Selected Group and Subgroup^c and Sex and Age
Excluding benign brain and myelodysplastic syndromes

ICCC Group & Subgroup	Ages 0-19 by Sex			Both Sexes by Age					
	Total	Male	Female	<1	1-4	5-9	10-14	15-19	0-14
All ICCC Groups Combined	79.4	77.9	81.1	73.2	82.2	78.8	79.0	79.1	79.5
I Leukemia	77.9	76.9	79.2	55.1	88.3	84.5	72.9	56.2	82.1
I(a) Lymphoid leukemia	83.8	82.5	85.4	51.7	92.3	88.2	77.7	60.2	87.1
I(b) Acute myeloid leukemia	56.7	55.9	57.5	50.7 ^d	65.0	63.6	60.5	45.6	60.9
II Lymphomas and reticuloendothelial neo.	88.0	88.0	88.0	71.8 ^d	85.0	90.3	88.1	88.2	87.7
II(a) Hodgkin lymphoma	94.5	95.4	93.5	-	96.0	92.4	94.4	94.7	94.0
II(b,c,e) Non-Hodgkin lymphoma	81.7	82.1	81.0	-	82.8	89.1	82.2	77.4	84.5
III CNS & misc intracranial & intraspinal neo.	70.9	69.8	72.2	47.3	71.8	68.6	78.0	71.4	70.8
III(a) Ependymomas and choroid plexus tumor	69.6	65.3	74.6	39.4 ^e	62.4 ^d	68.3 ^d	80.8 ^d	92.4	65.7
III(b) Astrocytoma	82.6	81.1	84.4	71.9 ^d	92.2	82.3	82.4	72.4	85.0
III(c) Intracranial and intraspinal embryonal tumors	61.8	61.8	61.9	24.0 ^d	55.8	74.3	72.1	58.4 ^d	62.3
III(d) Other gliomas	52.8	55.4	50.2	-	44.2	33.3	69.3	76.2	47.3
IV Neuroblastoma and other peripheral nervous cell tumors	73.3	70.3	76.3	90.0	68.2	52.1 ^d	68.3 ^d	-	73.6
IV(a) Neuroblastoma and ganglioneuroblastoma	73.2	70.3	76.1	90.2	68.1	52.0 ^d	65.5 ^d	-	73.6
V Retinoblastoma	97.3	97.4	97.0	100.0	95.2	-	-	-	97.3
VI Renal tumors	87.1	87.8	86.2	80.4	90.7	87.2	66.7 ^d	80.9 ^d	87.4
VI(a) Nephroblastoma and other nonepithelial renal tumor	87.9	89.3	86.4	80.4	91.0	86.3	-	-	87.9
VII Hepatic tumors	59.6	55.8	64.6	73.0 ^d	71.9	-	20.9 ^e	27.2 ^d	64.7
VII(a) Hepatoblastoma	69.2	63.1	78.1	74.3 ^d	71.3	-	-	-	69.5
VIII Malignant bone tumors	68.0	65.8	70.8	-	63.5 ^d	74.7	68.6	65.2	70.0
VIII(a) Osteosarcoma	67.1	63.4	71.8	-	-	72.8 ^d	68.4	64.4	69.1
VIII(c) Ewing tumor and related sarcomas of bone	63.1	62.8	63.7	-	71.3 ^d	73.0 ^d	63.4 ^d	56.4 ^d	67.2
IX Soft tissue and other extraosseous sarcomas	69.9	69.2	70.7	63.3	72.4	73.7	74.3	65.0	72.4
IX(a) Rhabdomyosarcoma	61.4	62.8	59.5	52.6 ^e	72.5	67.0	58.2	41.6	66.1
X Germ cell & trophoblastic tumors & neo. of gonads	89.5	88.7	91.0	83.7	87.0	86.4	91.3	90.3	88.1
X(a) Intracranial and intraspinal germ-cell tumor	83.0	85.5	75.4 ^d	-	-	87.1 ^d	86.6	82.5	83.3
X(c) Malignant gonadal germ cell tumor	94.7	93.0	97.9	100.0	88.6 ^d	94.2	98.4	94.0	96.2
XI Other malignant epithelial neo. and melanomas	90.9	86.2	93.4	-	97.7	88.9	90.2	91.1	90.4
XI(b) Thyroid carcinoma	98.7	95.4	99.4	-	-	100.0	97.6	98.9	98.1
XI(d) Malignant melanoma	93.9	92.2	95.0	-	96.2	93.4	91.4	94.4	92.3

^a SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). California excluding SF/SJM/LA, Kentucky, Louisiana, and New Jersey contribute cases for diagnosis years 2000-2005. The remaining 13 SEER Areas contribute cases for the entire period 1999-2005. Rates are based on follow-up of patients into 2006.

^b International Classification of Childhood Cancer is based on ICD-O-3. Steliarova-Foucher E, Stiller C, Lacour B, Kaatsch P. International Classification of Childhood Cancer, Third Edition. Cancer. April 1, 2005: Vol 103, No. 7, pg 1457-1467.

^c Classifications are shown for invasive cases only. For ICCC groups and subgroups that include *in situ* behavior, only invasive cases are shown.

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

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

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

Neoplasms are abbreviated as neo.

Survival rates are relative rates expressed as percents.