

Table 29.6

5-Year Relative Survival (Percent), 2001-2007^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	80.5	79.2	82.2	75.3	82.0	81.3	79.5	80.8	80.4
I Leukemia	79.5	78.4	81.2	57.9	88.0	86.8	75.2	61.7	83.1
I(a) Lymphoid leukemia	84.9	83.2	87.4	53.7	91.7	90.7	79.6	65.5	87.8
I(b) Acute myeloid leukemia	59.8	59.1	60.9	56.4	65.7	65.6	63.8	50.1	63.5
II Lymphomas and reticuloendothelial neo.	89.3	89.2	89.4	76.0 ^d	91.4	92.5	88.1	89.1	89.5
II(a) Hodgkin lymphoma	95.5	96.2	94.7	-	95.9	96.1	95.1	95.6	95.4
II(b,c,e) Non-Hodgkin lymphoma	82.9	82.9	83.0	-	89.2	90.3	81.5	78.9	85.7
III CNS & misc intracranial & intraspinal neo.	71.5	70.3	72.9	49.1	71.1	70.7	76.6	74.4	70.8
III(a) Ependymomas and choroid plexus tumor	70.8	62.6	80.0	49.8 ^d	66.2	71.9 ^d	80.3 ^d	84.2 ^d	68.4
III(b) Astrocytoma	82.7	81.4	84.2	72.7	90.6	83.7	80.0	76.8	84.2
III(c) Intracranial and intraspinal embryonal tumors	60.8	61.6	59.5	22.7 ^d	54.9	73.9	71.2	62.3 ^d	60.6
III(d) Other gliomas	55.7	57.6	53.8	-	46.9	36.2	70.6	75.9	50.9
IV Neuroblastoma and other peripheral nervous cell tumors	74.3	73.4	75.2	91.8	68.1	50.6 ^d	65.4 ^d	79.5 ^d	74.2
IV(a) Neuroblastoma and ganglioneuroblastoma	74.1	73.5	74.7	92.0	68.5	49.9 ^d	59.9 ^d	-	74.2
V Retinoblastoma	97.5	96.3	98.8	100.0	95.2	-	-	-	97.5
VI Renal tumors	87.6	89.5	85.6	82.2	89.6	90.1	74.7 ^d	80.4 ^d	88.0
VI(a) Nephroblastoma and other nonepithelial renal tumor	88.3	90.4	86.1	82.2	89.7	89.4	-	-	88.4
VII Hepatic tumors	64.0	61.3	68.6	76.5	74.4	55.4 ^e	0.0	32.7 ^e	68.8
VII(a) Hepatoblastoma	73.5	66.7	86.5	77.9	73.6	-	-	-	73.8
VIII Malignant bone tumors	68.6	66.8	70.9	-	70.8 ^d	73.4	71.2	64.5	71.7
VIII(a) Osteosarcoma	68.5	66.0	71.7	-	-	69.1 ^d	71.2	66.0	70.4
VIII(c) Ewing tumor and related sarcomas of bone	63.2	61.9	65.3	-	78.7 ^d	75.6 ^d	66.5	52.1	70.8
IX Soft tissue and other extraosseous sarcomas	71.3	70.4	72.4	70.1	70.0	80.1	72.0	68.0	72.9
IX(a) Rhabdomyosarcoma	64.0	64.0	64.1	67.0 ^d	70.1	75.9	57.8	45.6	68.1
X Germ cell & trophoblastic tumors & neo. of gonads	90.6	90.4	91.0	86.1	88.0	87.8	92.2	91.3	89.5
X(a) Intracranial and intraspinal germ-cell tumor	85.1	88.2	75.4 ^d	-	-	87.0 ^d	89.2	85.2	85.1
X(c) Malignant gonadal germ cell tumor	95.1	93.8	97.7	100.0	90.2 ^d	94.9	97.2	94.6	96.0
XI Other malignant epithelial neo. and melanomas	92.0	86.9	94.6	-	94.8	95.8	91.6	91.9	92.3
XI(b) Thyroid carcinoma	98.8	96.4	99.3	-	-	100.0	98.7	98.7	98.9
XI(d) Malignant melanoma	95.7	93.4	97.5	-	95.7	96.7	94.6	96.1	94.6

^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). Based on follow-up of patients into 2008.

^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 is between 5 and 10 percentage points.

^e The standard error 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.