

Table 29.3

Age-Adjusted SEER Cancer Incidence Trends, 1975-2006, 1975-1990, 1991-2006<sup>a</sup>

By International Classification of Childhood Cancer (ICCC)<sup>b</sup> Selected Group and Subgroup<sup>c</sup>  
 Excluding benign brain and myelodysplastic syndromes  
 All Races, Males and Females

ICCC Group and Subgroup	Ages 0-14				Ages 0-19			
	% Change 1975-2006	APC 1975-2006	APC 1975-1990	APC 1991-2006	% Change 1975-2006	APC 1975-2006	APC 1975-1990	APC 1991-2006
All ICCG Groups Combined	21.6	0.6*	1.1*	0.3 <sup>®</sup>	18.5	0.6*	1.1*	0.2 <sup>#</sup>
I Leukemia	36.8	0.7*	1.4*	0.9*	33.0	0.7*	1.2*	1.0*
I(a) Lymphoid leukemia	48.8	0.8*	1.8*	0.8	51.2	0.8*	1.8*	1.0*
I(b) Acute myeloid leukemia	63.3	1.4*	1.2	1.2	37.2	1.3*	0.6	1.0
II Lymphomas and reticuloendothelial neo.	-9.4	-0.2	-0.6	0.7 <sup>®</sup>	-10.1	-0.2	0.2	-0.5
II(a) Hodgkin lymphoma	-0.7	-1.1*	-0.6	0.0	-28.0	-1.1*	-0.2	-2.0* <sup>#</sup>
II(b,c,e) Non-Hodgkin lymphoma	-14.8	0.5	-0.3	1.2	16.9	0.9*	0.8	1.2
III CNS & misc intracranial & intraspinal neo.	27.8	0.9*	2.6*	-0.3 <sup>#</sup>	23.0	0.8*	2.3*	-0.3 <sup>#</sup>
III(a) Ependymomas and choroid plexus tumors	-	-	-	-0.3	-	-	-	0.2
III(b) Astrocytoma	19.7	1.0*	3.9*	-0.5 <sup>#</sup>	13.5	0.7*	3.4*	-0.5 <sup>#</sup>
III(c) Intracranial and intraspinal embryonal tum.	164.7	1.2*	1.3	-0.3	178.5	1.4*	1.3	-0.2
III(d) Other gliomas	-13.3	0.5	-0.6	0.3	-14.7	0.7	-0.7	-0.1
IV Neuroblastoma and other peripheral nervous cell tumors	-0.8	0.4	-0.1	0.4	-0.7	0.4	0.1	0.4
IV(a) Neuroblastoma and ganglioneuroblastoma	-0.8	0.5	-0.3	0.5	-2.3	0.4	-0.2	0.5
V Retinoblastoma	7.9	0.5	1.1	-0.8	7.9	0.5	1.2	-0.9
VI Renal tumors	1.2	-0.1	0.8	-1.6 <sup>®</sup>	1.2	0.1	0.7	-1.5
VI(a) Nephroblastoma and other nonepithelial renal tumors	7.7	-0.2	0.8	-1.6 <sup>®</sup>	10.6	-0.2	0.8	-1.7 <sup>®</sup>
VII Hepatic tumors	-	-	-	-	-	-	-	-
VII(a) Hepatoblastoma	-	-	-	-	-	-	-	-
VIII Malignant bone tumors	20.3	-0.1	1.3	-1.4 <sup>#</sup>	15.9	0.0	1.2	-1.2 <sup>#</sup>
VIII(a) Osteosarcoma	-	-	-	-1.5	19.6	0.4	2.7*	-1.2 <sup>#</sup>
VIII(c) Ewing tum. and related sarcomas of bone	20.5	-	-	-	11.5	-0.5	0.5	-1.5
IX Soft tissue and other extraosseous sarcomas	25.3	0.6*	1.4	0.7	45.5	0.8*	1.3	1.5*
IX(a) Rhabdomyosarcoma	31.7	0.4	2.4*	0.2	32.2	0.4	2.5*	0.5
X Germ cell & trophoblastic tum. & neo. of gonads	49.7	1.3*	1.5	0.8	10.4	0.9*	1.0	-0.2
X(a) Intracranial and intraspinal germ-cell tum.	-	-	-	-	-	-	-	-
X(c) Malignant gonadal germ cell tumors	13.9	-	-	-	26.8	0.9*	1.1	0.2
XI Other malignant epithelial neo. and melanomas	32.8	1.0*	-0.9	1.6 <sup>#</sup>	35.1	1.0*	0.6	1.2
XI(b) Thyroid carcinoma	22.7	-	-	-	52.2	0.9*	0.7	1.0
XI(d) Malignant melanoma	-	-	-	-	79.0	1.7*	2.3	2.3*

<sup>a</sup> The APC is the Annual Percent Change over the time interval.

<sup>b</sup> SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

<sup>c</sup> 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.

<sup>d</sup> Classifications are shown for invasive cases only except as noted. For ICCG groups and subgroups that include *in situ* behavior, only invasive cases are shown.

\* The APC is significantly different from zero (p<.05)

# The APC for 1991-2006 is significantly different from the APC for 1975-1990 (p<.05).

® The APC for 1991-2006 is significantly different from the APC for 1975-1990 (p<.10).

- Statistic could not be calculated. Trend based on less than 10 cases for at least one year within the time interval.

Neoplasms are abbreviated as neo. Tumors are abbreviated as tum.