

Table 29.3

Age-Adjusted SEER Cancer Incidence Trends, 1975-2012^a
 By International Classification of Childhood Cancer (ICCC)^b Selected Group and Subgroup^c
 Excluding benign brain and myelodysplastic syndromes
 All Races, Males and Females

ICCC Group and Subgroup	Ages 0-14				Ages 0-19			
	% Change 1975-2012	APC 1975-2012	APC 1975-1993	APC 1994-2012	% Change 1975-2012	APC 1975-2012	APC 1975-1993	APC 1994-2012
All ICCG Groups Combined	35.2	0.6*	1.0*	0.7*	36.1	0.6*	1.0*	0.7*
I Leukemia	46.9	0.7*	1.0*	0.8*	40.5	0.7*	0.9*	0.8*
I(a) Lymphoid leukemia	60.1	0.8*	1.1*	0.7	54.9	0.8*	1.1*	0.7*
I(b) Acute myeloid leukemia	69.3	1.1*	1.8*	0.9	55.9	1.1*	1.4*	0.6
II Lymphomas and reticuloendothelial neo.	14.2	0.3	-0.7*	1.7*#	11.5	0.2	0.0	1.0*#
II(a) Hodgkin lymphoma	3.1	-0.6*	-1.2	1.2#	-3.9	-0.5*	-0.4	0.6
II(b,c,e) Non-Hodgkin lymphoma	30.2	0.9*	-0.3	2.1*#	41.5	1.1*	0.6	1.5*
III CNS & misc intracranial & intraspinal neo.	36.3	0.9*	2.3*	0.5#	38.0	0.8*	2.1*	0.4#
III(a) Ependymomas and choroid plexus tumors	-	-	-	0.9	-	-	-	1.0
III(b) Astrocytoma	78.8	1.1*	3.3*	0.8#	68.4	0.8*	2.8*	0.8#
III(c) Intracranial and intraspinal embryonal tum.	65.3	1.0*	1.5	-0.4	84.7	1.1*	1.8	-0.4@
III(d) Other gliomas	-45.0	0.5	0.5	0.7	-38.6	0.7*	0.6	0.2
IV Neuroblastoma and other peripheral nervous cell tumors	33.5	0.3	0.6	0.3	36.3	0.3	0.6	0.5
IV(a) Neuroblastoma and ganglioneuroblastoma	33.5	0.4	0.5	0.4	31.4	0.3	0.4	0.4
V Retinoblastoma	11.5	0.2	1.8*	-0.3#	11.5	0.2	1.9*	-0.4#
VI Renal tumors	-14.8	-0.2	0.7	-1.2@	-13.6	-0.1	0.9	-0.9@
VI(a) Nephroblastoma and other nonepithelial renal tumors	-15.3	-0.2	0.6	-1.2	-15.3	-0.3	0.7	-1.2@
VII Hepatic tumors	-	-	-	-	-	-	-	-
VII(a) Hepatoblastoma	-	-	-	-	-	-	-	-
VIII Malignant bone tumors	73.9	0.2	0.8	0.4	33.9	0.2	0.9	-0.1
VIII(a) Osteosarcoma	-	-	-	0.7	128.8	0.5	1.6*	-0.1
VIII(c) Ewing tum. and related sarcomas of bone	-	-	-	-	-13.6	-0.2	0.4	0.2
IX Soft tissue and other extrasosseous sarcomas	54.5	0.8*	0.8	1.1*	54.7	0.7*	0.5	0.8
IX(a) Rhabdomyosarcoma	68.0	0.4	1.3	0.5	64.2	0.4	1.2	0.2
X Germ cell & trophoblastic tum. & neo. of gonads	37.4	1.1*	1.4	0.4	26.4	0.8*	1.5*	0.5
X(a) Intracranial and intraspinal germ-cell tum.	-	-	-	-	-	-	-	-
X(c) Malignant gonadal germ cell tumors	-18.3	-	-	-	54.7	0.9*	1.3	1.0*
XI Other malignant epithelial neo. and melanomas ^d	9.0	0.9*	0.4	1.1	83.3	1.2*	0.9	1.9*
XI(b) Thyroid carcinoma	71.6	-	-	-	206.5	1.9*	0.7	3.9*#
XI(d) Malignant melanoma	-	-	-	-	41.9	1.0*	2.1*	0.2

The APC is the Annual Percent Change over the time interval.

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

^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 except as noted. For ICCG groups and subgroups that include *in situ* behavior, only invasive cases are shown except as noted.

^d Includes *in situ* urinary bladder tumors.

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

The APC for 1994-2012 is significantly different from the APC for 1975-1993 (p<.05).

@ The APC for 1994-2012 is significantly different from the APC for 1975-1993 (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.