

Table 29.4

Age-Adjusted SEER Cancer Incidence Trends, 1975-2017<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

ICCC Group and Subgroup	Ages 0-14				Ages 0-19			
	% Change 1975-2017	APC 1975-2017	APC 1975-1996	APC 1997-2017	% Change 1975-2017	APC 1975-2017	APC 1975-1996	APC 1997-2017
All ICCG Groups Combined	30.1	0.6*	0.9*	0.6*	36.2	0.6*	0.9*	0.7*
I Leukemia	46.6	0.7*	0.7*	0.6	46.4	0.7*	0.6*	0.7*
I(a) Lymphoid leukemia	60.5	0.7*	1.0*	0.4	60.0	0.7*	1.0*	0.4
I(b) Acute myeloid leukemia	74.4	1.3*	1.7*	0.6	62.2	1.1*	1.2	0.2
II Lymphomas and reticuloendothelial neo.	-24.1	0.2	-1.0*	1.2*	-9.4	0.3*	-0.2	1.3*
II(a) Hodgkin lymphoma	-26.9	-0.7*	-1.9*	0.4	-42.0	-0.5*	-1.0*	0.7
II(b,c,e) Non-Hodgkin lymphoma	-18.6	0.8*	-0.3	1.8*	34.9	1.1*	0.8	1.9*
III CNS & misc intracranial & intraspinal neo.	57.2	0.6*	1.9*	-0.1	60.0	0.6*	1.7*	0.2
III(a) Ependymomas and choroid plexus tumors	69.6	0.4	1.7	1.2	133.5	0.5	1.6	1.4
III(b) Astrocytoma	38.7	0.6*	2.3*	0.2	53.2	0.5*	1.7*	0.5
III(c) Intracranial and intraspinal embryonal tum.	382.2	0.7	1.8*	-0.6	370.6	0.7*	2.0*	-0.8
III(d) Other gliomas	10.0	0.5	0.4	-0.4	7.8	0.6*	1.1	0.0
IV Neuroblastoma and other peripheral nervous cell tumors	42.4	0.4	0.9	0.8	40.9	0.4	1.1	0.9
IV(a) Neuroblastoma and ganglioneuroblastoma	38.7	0.4	0.9	0.7	37.4	0.4	0.9	0.8
V Retinoblastoma	5.1	0.4	1.2	-0.5	5.1	0.4	1.3	-0.5
VI Renal tumors	-1.7	-0.2	1.2	-0.7	7.9	-0.1	1.1	-0.6
VI(a) Nephroblastoma and other nonepithelial renal tumors	-7.0	-0.2	1.2	-0.9	10.6	-0.2	1.1	-0.6
VII Hepatic tumors	144.8	2.2*	3.5*	1.2	172.2	2.1*	3.4*	0.9
VII(a) Hepatoblastoma	185.2	2.4*	4.2*	1.3	185.2	2.4*	4.4*	1.5
VIII Malignant bone tumors	59.3	0.6	2.0*	0.5	40.2	0.5	2.1*	0.1
VIII(a) Osteosarcoma	331.6	1.0*	2.4*	1.2	228.6	0.7*	2.6*	0.5
VIII(c) Ewing tum. and related sarcomas of bone	-8.1	0.1	1.0	-0.2	-22.4	0.1	1.1	-0.4
IX Soft tissue and other extrasosseous sarcomas	20.1	0.7*	0.6	0.9	59.3	0.7*	0.7	0.5
IX(a) Rhabdomyosarcoma	3.4	0.2	1.1	0.5	32.6	0.1	0.8	0.1
X Germ cell & trophoblastic tum. & neo. of gonads	19.8	0.7	2.2	-0.4	52.2	0.9*	1.7*	0.1
X(a) Intracranial and intraspinal germ-cell tum.	38.5	-	-	-0.7	77.8	1.7*	4.9*	0.2
X(c) Malignant gonadal germ cell tum. (testis)	-34.8	-0.5	-1.0	-0.9	44.8	0.8*	1.0	0.0
XI Other malignant epithelial neo. and melanomas <sup>d</sup>	48.0	1.6*	0.1	2.9*	74.6	1.5*	0.9	2.4*
XI(b) Thyroid carcinoma	199.4	-	-	4.3*	115.4	2.2*	-1.5	4.5*
XI(d) Malignant melanoma	-77.0	1.4*	0.0	1.5	-39.7	0.6	1.8	-1.1

<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. International Classification of Childhood Cancer is based on ICD-O-3. Steliarova-Foucher E, Colombet M, Ries LAG, Moreno F, Dolya A, Shin HY, Hesselning P, Stiller CA.

International Incidence of Childhood Cancer, Volume III. Lyon: International Agency for Research on Cancer, In press.

<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 except as noted.

<sup>e</sup> Includes *in situ* urinary bladder tumors.

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

# The APC for 1997-2017 is significantly different from the APC for 1975-1996 (p<.05).

@ The APC for 1997-2017 is significantly different from the APC for 1975-1996 (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.